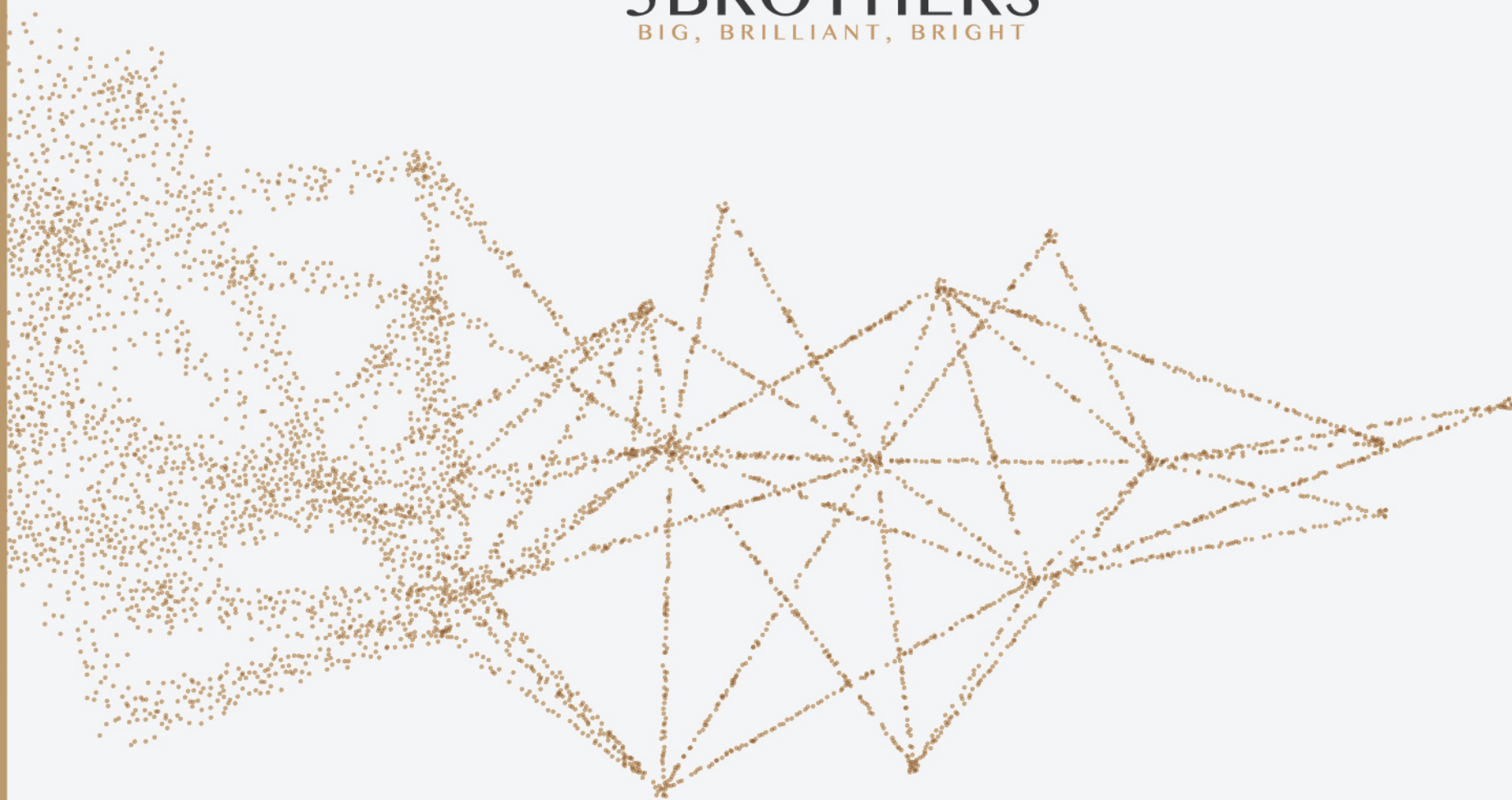




3BROTHERS
BIG, BRILLIANT, BRIGHT



FLUORESCENT

NEW CATALOGUE 2019



3BROTHERS
BIG, BRILLIANT, BRIGHT



3Brothers LED Catalogue is a working document for all Electrical Engineers, Lighting Planners and Designers. It provides full information on technical and lighting data regarding our full range of luminaires, their possible areas of application as well as their constructive and design quality.

3Brothers is the partner of all Lighting Planners and Designers; a reliable and performant supplier of Dealers and Project Managers

FLUORESCENT LIGHTING

About 3Brothers

3Brothers is one of the leading lighting manufacturers in Egypt and the MENA region that has been established in 1990 and has now reached after 26 years to rule more than 30% of the Egyptian market with 2 huge factories in the 10th of Ramadan industrial area. With its unique Die cast abilities and high quality laboratories 3Brothers offers its partners and clients more than just a lighting fixture, we offer you a design tool with an architectural look all without any compromise in the lifetime and quality.

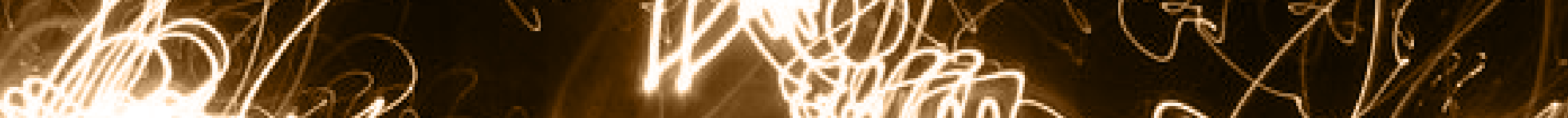
Vision

3Brothers Company seeks to deepen the awareness of lighting and its practical applications in the form of leading products.

It aims to make change in the concept of community about lighting. 3Brothers reflects the latest discoveries of this science and its applications.

Mission

3Brothers is an industrial and trading company which seeks to deliver and provide integrated solutions in the field of lighting with its products and applications. It exerts plenty of efforts to develop the products and applications for our lighting consultants' usage and the final consumer in Egypt and the Arab region.



Product lines

3Brothers advanced lighting system brings out the best in your environment and is the ideal lighting solution if you are looking to enhance the ambience and atmosphere in any room or space.

With the freedom to create the perfect lighting scenes for home, business or outdoor environments, 3Brothers is the obvious choice for those who value quality and confidence of operation.

Indoor range: LED and conventional Down Lights, Task lighting, LED panels, Fluorescent fixtures, Industrial Lighting, Emergency lights

Outdoor range: Steplights, Uplights, Floodlights, Spikes, Wall washers, Wall mounted luminaires, Bollards, Poles, Urban luminaires

We are enthusiastic in dealing with the best OEM, providing us with the highest quality aiming to achieve the customers' satisfaction.

Services:

3Brothers offers several trainings and seminars to provide the clients with profound product knowledge, detailing specifications and applications of various products covering internal, external lighting and LED products.

3Brothers also offers their esteemed clients with free of charge service of designing and planning projects using one of the best lighting design and simulation programs, Relux.

Our services include training courses about:

1-Lighting design program (RELUX)

2-Landscape lighting

3-Light sources

4-Light physics.

3Brothers also offer the lighting design for free to support 3-brothers customers.

SURFACE & RECESSED MOUNTED LUMINAIRES WITH LOUVRE MIRROR

MATERIALS USED IN FLUORESCENT FIXTURES :

Housing: Steel sheets are chemically treated, coated with white electrostatic powder coating on all sides and tested typically to standard 2794 & IEC 598-1

Louvre: High purity aluminium (99.85%) - post anodized and compressed with single parabolic or double parabolic

Diffuser: Made of prismatic plastic sheet or opal plastic sheet.

Wiring and connection: Ready for connection with thermally resistant wires.

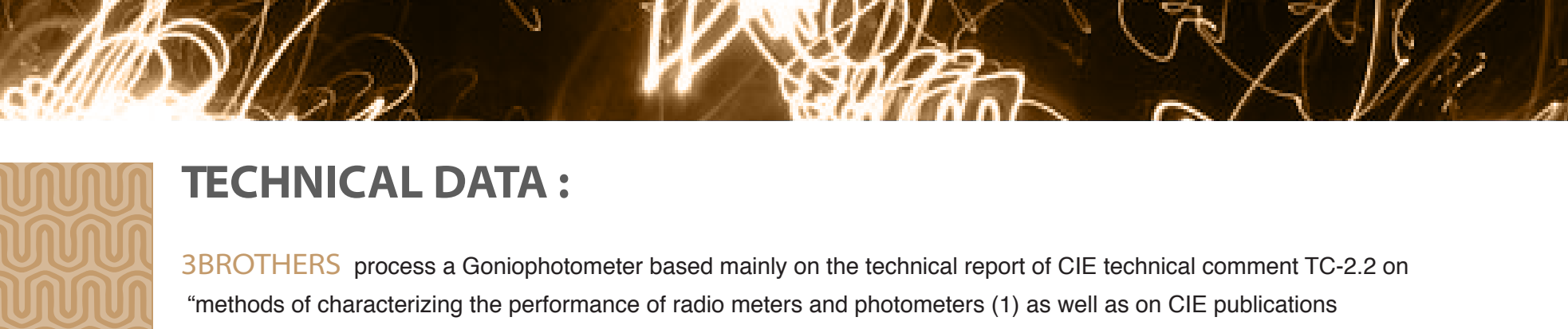
The quality features of our louvre luminaires for surface & recessed mounting have many advantages:-

- 1- Louvre is in high purity aluminium (99.85%) post anodized and compressed with single parabolic or double parabolic
- 2- No disturbing interference.
- 3- steel sheets are treated and coated with electrostatic powder coating on all sides.
- 4- Thermally resistant wires can be connected in the center of the luminaire with permanently installed -2 pole screwless connection terminal", PE connection .
- 5- Ceiling surface-mounted luminaires can be connected single or can be suspended using pendant tubes.
- 6- The standard color is white, if required we can change the color.
- 7- Very high illuminance below the luminaire, with low glare.
- 8- Wide distribution range of luminous intensity for good contrast rendition .
- 9- High out-put ratio.

Accessories and supplementary parts:

The quality of a product depends on the quality of each single component and accessory, so here we mention some strengths.

- * Ballast : Magnetic low hum chokes & Electronic with all important test marks.
- * Capacitors are protected against flaming and explosion, with insulated connecting terminals.
- * lampholder used Screwless turn lock of polycarbonate or with test marks.
- * Starter with insulator housings reduce lamp wear and guarantee along service life.



TECHNICAL DATA :

3BROTHERS process a Goniophotometer based mainly on the technical report of CIE technical comment TC-2.2 on “methods of characterizing the performance of radio meters and photometers (1) as well as on CIE publications 24 (2), 27(3), 43(4) the terminology is largely based on international lighting vocabulary. all light specification data can be found in the technical report for every manufactured item such as :

- Measurement protocol
- Intensity distribution
- Illuminance distribution
- Intensity table
- Glare rating
- Utilization factor
- Relative illuminance distribution
- Absolute illuminance distribution
- Relative isolux diagram/work plan
- Isolux diagram / work plan
- Polar isolux - diagram / work plan
- Isolux diagram / wall
- Fast calculation table .

In order to realize and cover all aspects of safety (electrical, thermal and mechanical) 3Brothers provided its laboratory, production and assembly sections with very recent equipment and testers to realize very high quality and safety for all its lighting fixtures.

The equipments and testers cover the safety requirements for luminaires according to IEC standard publication 598-1 & 529 (IP code)

SURFACE & RECESSED MOUNTED LUMINAIRES WITH DIFFERENT APPLICATION

One Emergency Lamp	EM
2 Emergency Lamp	EM2
For One Lamp (Ballast + Capacitor)	A
For One Lamp (Ballast + Capacitor) + Emergency Lamp	AM
For One Lamp (Ballast + Capacitor) + 2 Emergency Lamp	AM2
For One Lamp (Ballast + For 2 Ballast One Capacitor)	B
For One Lamp (Ballast + For 2 Ballast One Capacitor)+ Emergency Lamp	BM
For One Lamp (Ballast + For 2 Ballast One Capacitor)+ 2Emergency Lamp	BM2
For 2 Lamp (Ballast + Capacitor)	C
For 2 Lamp (Ballast + Capacitor) + Emergency Lamp	CM
For 2 Lamp (Ballast + Capacitor) + 2 Emergency Lamp	CM2
One Ballast TCI For Luminaire	EC
2 Ballast TCI For Luminaire	EC2
3 Ballast TCI For Luminaire	EC3
4 Ballast TCI For Luminaire	EC4
One Ballast TCI For Luminaire + Emergency Lamp	ECM
2 Ballast TCI For Luminaire + Emergency Lamp	EC2M
3 Ballast TCI For Luminaire + Emergency Lamp	EC3M
4 Ballast TCI For Luminaire + Emergency Lamp	EC4M
One Ballast Tridonic For Luminaire	ET
2 Ballast Tridonic For Luminaire	ET2
3 Ballast Tridonic For Luminaire	ET3
4 Ballast Tridonic For Luminaire	ET4
One Ballast Tridonic For Luminaire + Emergency Lamp	ETM
2 Ballast Tridonic For Luminaire + Emergency Lamp	ET2M
3 Ballast Tridonic For Luminaire + Emergency Lamp	ET3M
4 Ballast Tridonic For Luminaire + Emergency Lamp	ET4M

TABLE FOR SURFACE & RECESSED MOUNTED LUMINAIRES WITH DIFFERENT APPLICATION

1X18	2X18	3X18	4X18	1X36	2X36	3X36	4X36
EM	EM	EM	EM	EM	EM	EM	EM
-	EM2	EM2	EM2	-	EM2	EM2	EM2
-	A	A	A	-	A	A	A
-	AM	AM	AM	-	Am	Am	Am
-	AM2	AM2	AM2	-	AM2	AM2	AM2
-	B	-	B	-	-	-	B
-	BM	-	BM	-	-	-	BM
-	BM2	-	BM2	-	-	-	BM2
-	-	-	C	-	-	-	-
-	-	-	CM	-	-	-	-
-	-	-	CM2	-	-	-	-
EC	EC	EC	EC	EC	EC	-	-
-	EC2	EC2	EC2	-	EC2	EC2	EC2
-	-	EC3	-	-	-	EC3	-
-	-	-	EC4	-	-	-	EC4
ECM	ECM	ECM	ECM	ECM	ECM	ECM	ECM
-	EC2M	EC2M	EC2M	-	EC2M	EC2M	EC2M
-	-	EC3M	-	-	-	EC3M	-
-	-	-	EC4M	-	-	-	EC4M
ET	ET	ET	ET	ET	ET	ET	ET
-	ET2	ET2	ET2	-	ET2	ET2	ET2
-	-	ET3	-	-	-	ET3	-
-	-	-	ET4	-	-	-	ET4
ETM	ETM	ETM	ETM	ETM	ETM	ETM	ETM
-	ET2M	ET2M	ET2M	-	ET2M	ET2M	ET2M
-	-	ET3M	-	-	-	ET3M	-
-	-	-	ET4M	-	-	-	ET4M

Sample

- Standard : —————→ (2 Ballast + 1 Capacitor)
- For Special : —————→ Art No : 17416-FL-20EM —————→ (20= color)
(EM) —————→ (2 Ballast + 1 Capacitor + Emergency Lamp)

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

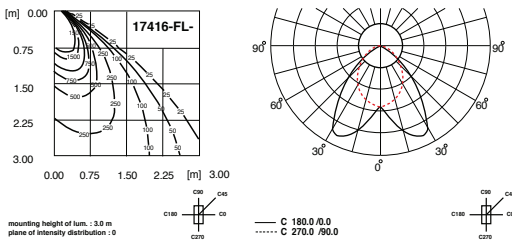
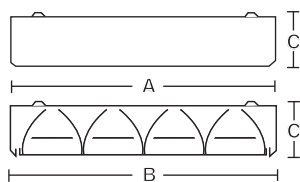
Versions of Surface mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

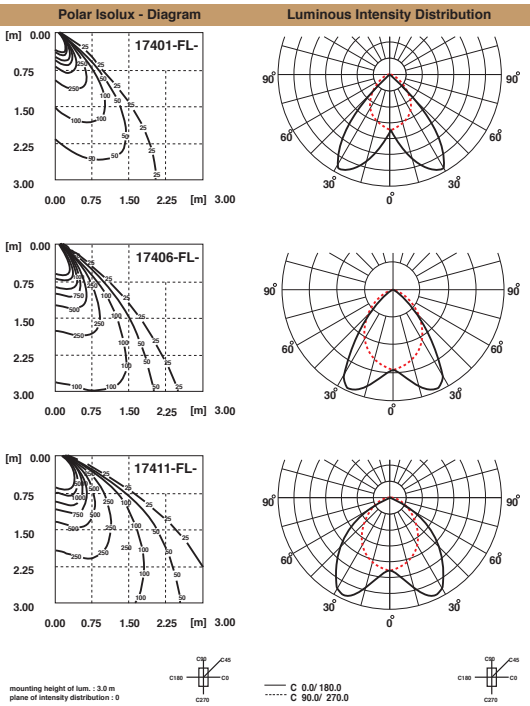
Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17416-FL-	20	A	B	C	Kg.	4x18		G 13
		626	626	90	7	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17401-FL-	20	A	B	C	Kg.	1x18		G 13
		626	188	90	3.2	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17406-FL-	20	A	B	C	Kg.	2x18		G 13
		626	326	90	4.2	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17411-FL-	20	A	B	C	Kg.	3x18		G 13
		632	476	90	6.8	V.220-50 HZ		

* Available in LED Lamps

SURFACE MOUNTAD LUMINAIRES

PRODUCT DESCRIPTION

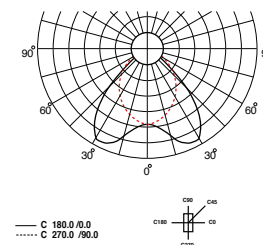
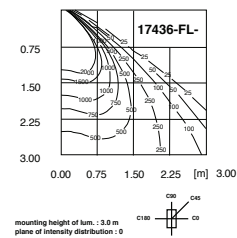
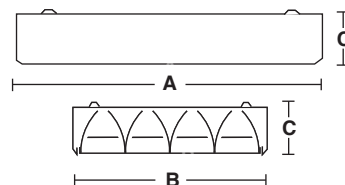
Versions of Surface mounted fluorecent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

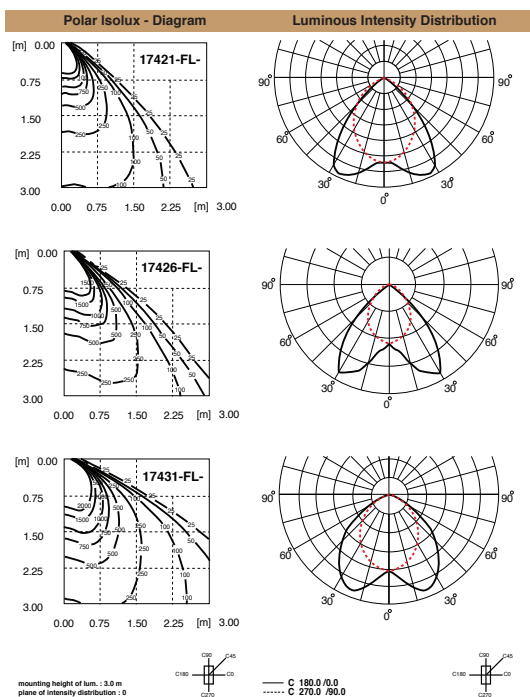
Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight Kg.	WATT 4X36	Lamp LM 	BASE G 13
		A	B	C				
17436-FL-	20	1238	632	90	12	V.220 - 50 HZ	2300-3350	



Art No.	IP	Dimensions in mm			Weight Kg.	WATT 1X36	Lamp LM 	BASE G 13
		A	B	C				
17421-FL-	20	1234	188	90	5	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight Kg.	WATT 2X36	Lamp LM 	BASE G 13
		A	B	C				
17426-FL-	20	1234	326	90	7.6	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight Kg.	WATT 3X36	Lamp LM 	BASE G 13
		A	B	C				
17431-FL-	20	1234	476	90	11.3	V.220 - 50 HZ	2300-3350	

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

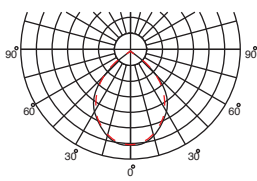
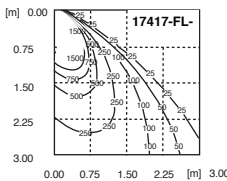
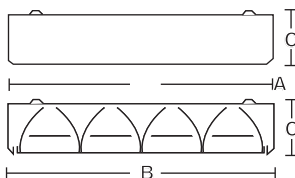
Versions of Surface mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



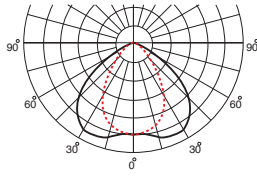
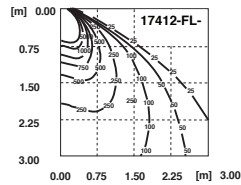
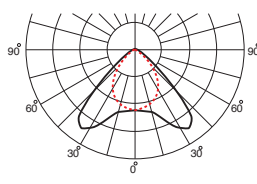
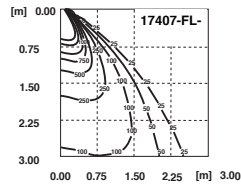
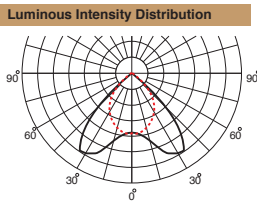
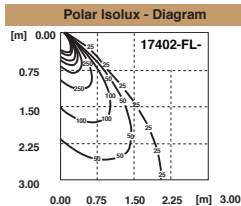
PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0

Legend:
--- C 0.0/ 180.0
..... C 90.0/ 270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17417-FL-	20	A	B	C	Kg.	4x18		G 13
		626	626	90	7	V.220 - 50 HZ		



mounting height of lum. : 3.0 m
plane of intensity distribution : 0

Legend:
--- C 0.0/ 180.0
..... C 90.0/ 270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17402-FL-	20	A	B	C	Kg.	1x18		G 13
		626	188	90	3.2	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17407-FL-	20	A	B	C	Kg.	2x18		G 13
		626	326	90	4.2	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17412-FL-	20	A	B	C	Kg.	3x18		G 13
		632	476	90	6.8	V.220-50 HZ		

* Available in LED Lamps

SURFACE MOUNTAD LUMINAIRES

PRODUCT DESCRIPTION

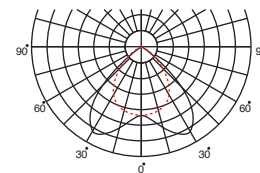
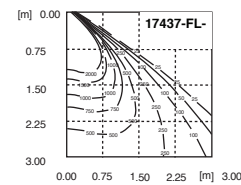
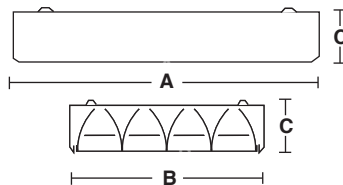
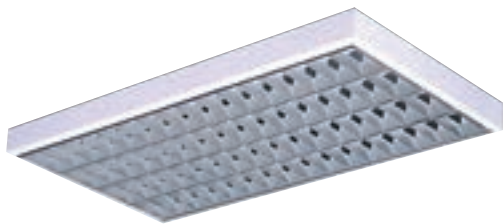
Versions of Surface mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION

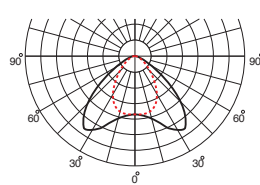
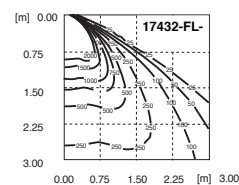
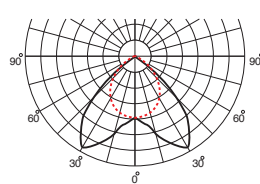
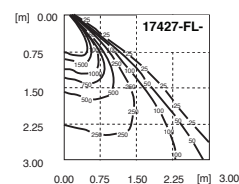
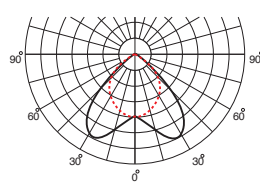
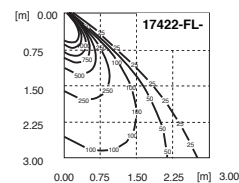


mounting height of lum. : 3.0 m
plane of intensity distribution : 0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17437-FL-	20	A	B	C	Kg.	4X36		G 13
		1234	632	90	12	V.220 - 50 HZ		

Polar Isolux - Diagram Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



— C 0.0/ 180.0
..... C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17422-FL-	20	A	B	C	Kg.	1X36		G 13
		1234	188	90	5	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17427-FL-	20	A	B	C	Kg.	2X36		G 13
		1234	326	90	7.6	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17432-FL-	20	A	B	C	Kg.	3X36		G 13
		1234	476	90	11.3	V.220 - 50 HZ		

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

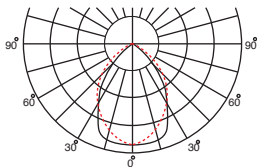
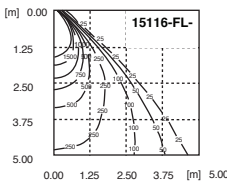
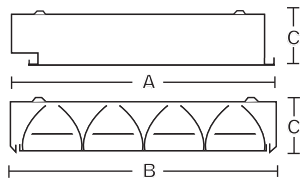
Versions of Recessed mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



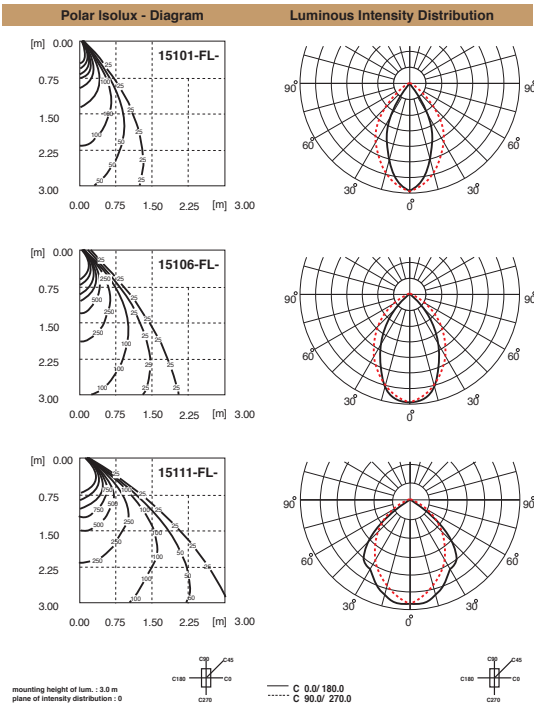
mounting height of lum.: 5.0 m
plane of intensity distribution: 0



--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15116-FL-	20	A	B	C	Kg.	4x18		G 13
		593	593	105	6.6	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15101-FL-	20	A	B	C	Kg.	1x18		G 13
		593	145	105	2.7	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15106-FL-	20	A	B	C	Kg.	2x18		G 13
		593	295	105	4	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15111-FL-	20	A	B	C	Kg.	3x18		G 13
		593	593	105	6.3	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

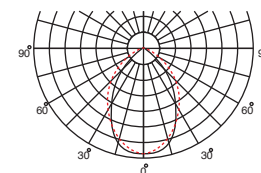
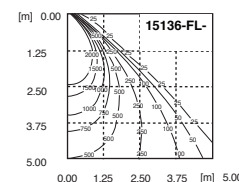
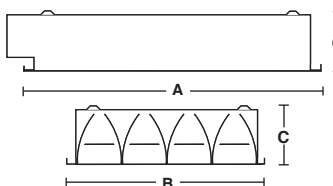
Versions of Recessed mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



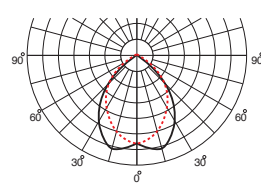
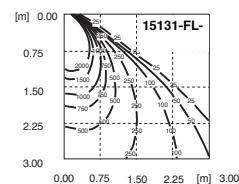
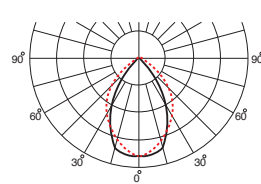
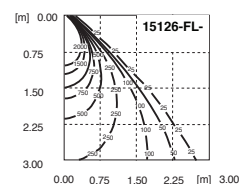
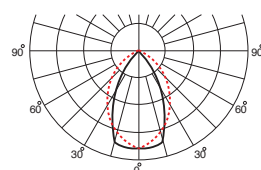
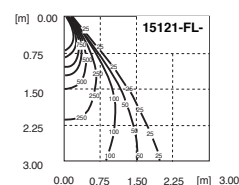
mounting height of lum. : 3.0 m
plane of intensity distribution : 0

— C 0.0°/ 180.0
- - - C 90.0°/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15136-FL-	20					4X36		G 13
		1192	593	105	13.1	V.220 - 50 HZ	2300-3350	

Polar Isolux - Diagram Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0

— C 0.0°/ 180.0
- - - C 90.0°/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
15121-FL-	20	A	B	C		1X36		G 13
		1193	145	105	4.9	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
15126-FL-	20	A	B	C		2X36		G 13
		1193	295	105	7.3	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
15131-FL-	20	A	B	C		3X36		G 13
		1193	593	105	12.3	V.220 - 50 HZ	2300-3350	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

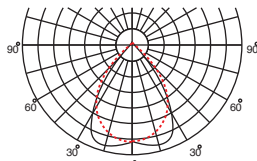
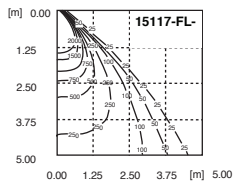
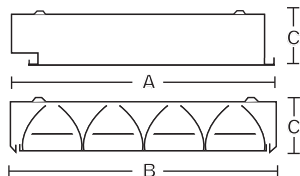
Versions of Recessed mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION

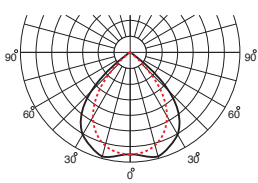
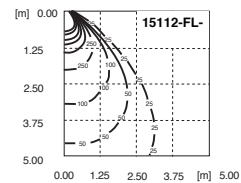
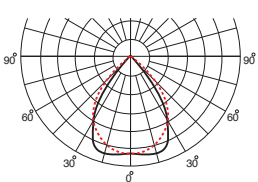
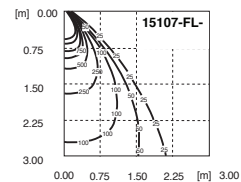
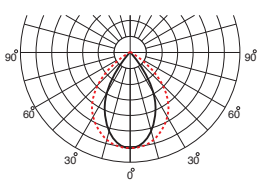
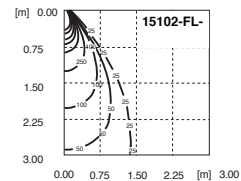


mounting height of lum. : 5.0 m
plane of intensity distribution : 0

— C 0.0/180.0
- - - C 90.0/ 270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15117-FL-	20	A	B	C	Kg.	4x18		G 13
		593	593	105	6.6	V.220 - 50 HZ		

Polar Isolux - Diagram Luminous Intensity Distribution



mounting height of lum. : 5.0 m
plane of intensity distribution : 0

— C 0.0/180.0
- - - C 90.0/ 270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15102-FL-	20	A	B	C	Kg.	1x18		G 13
		593	145	105	2.7	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15107-FL-	20	A	B	C	Kg.	2x18		G 13
		593	295	105	4	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15112-FL-	20	A	B	C	Kg.	3x18		G 13
		593	593	105	6.3	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

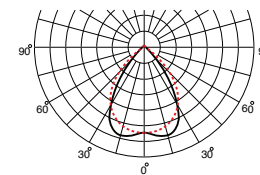
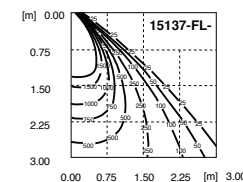
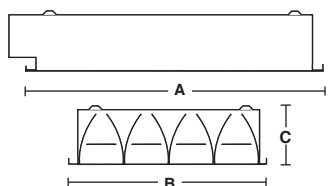
Versions of Recessed mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



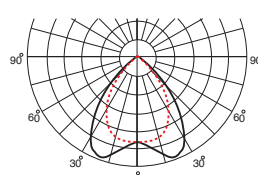
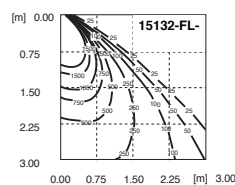
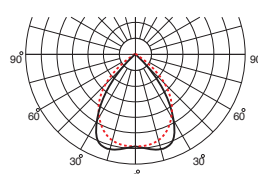
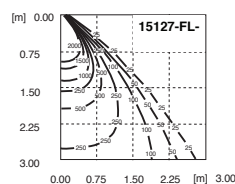
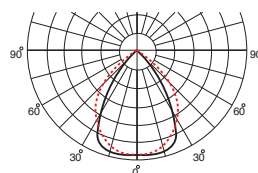
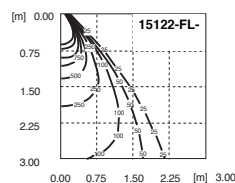
— C 180.0 / 0.0
- - - C 270.0 / 90.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15137-FL-	20	A	B	C	Kg.	4X36		G 13
		1192	593	105	13.1	V.220 - 50 HZ		

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



— C 0.0° / 180.0
- - - C 90.0° / 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15122-FL-	20	A	B	C	Kg.	1X36		G 13
		1193	145	105	4.9	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15127-FL-	20	A	B	C	Kg.	2X36		G 13
		1193	295	105	7.3	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15132-FL-	20	A	B	C	Kg.	3X36		G 13
		1193	593	105	12.3	V.220 - 50 HZ		

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

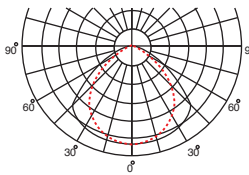
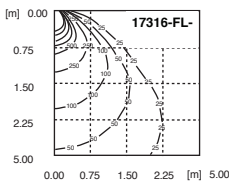
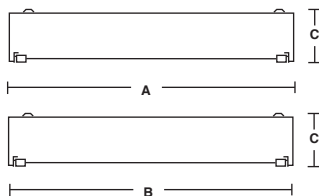
Versions of Surface mounted florescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

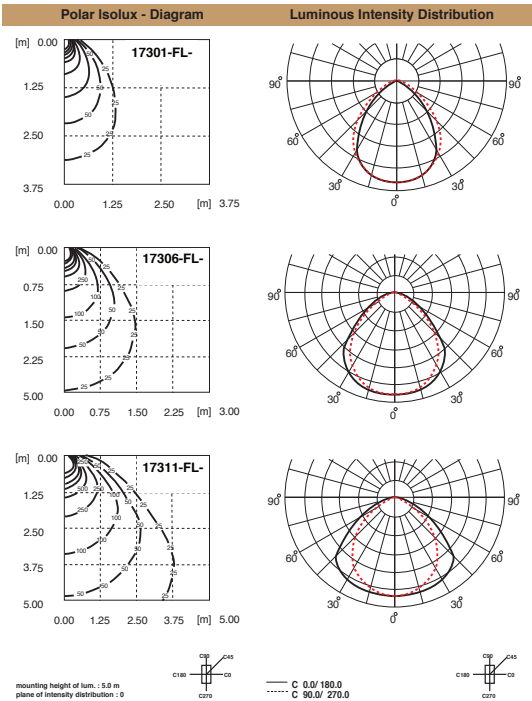
Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17316-FL-	44	A	B	C	Kg.	4x18		G 13
		633	630	86	7.8	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17301-FL-	44	A	B	C	Kg.	1x18		G 13
		633	170	86	3.6	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17306-FL-	44	A	B	C	Kg.	2x18		G 13
		633	298	86	4.5	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17311-FL-	44	A	B	C	Kg.	3x18		G 13
		633	630	86	7.8	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

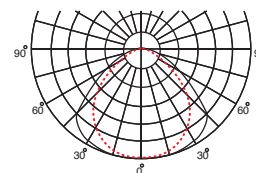
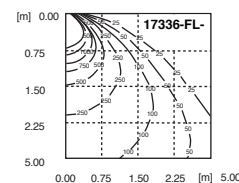
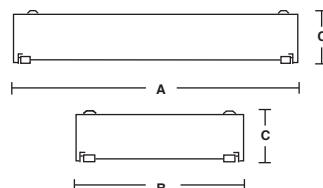
Versions of Surface mounted fluorescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION



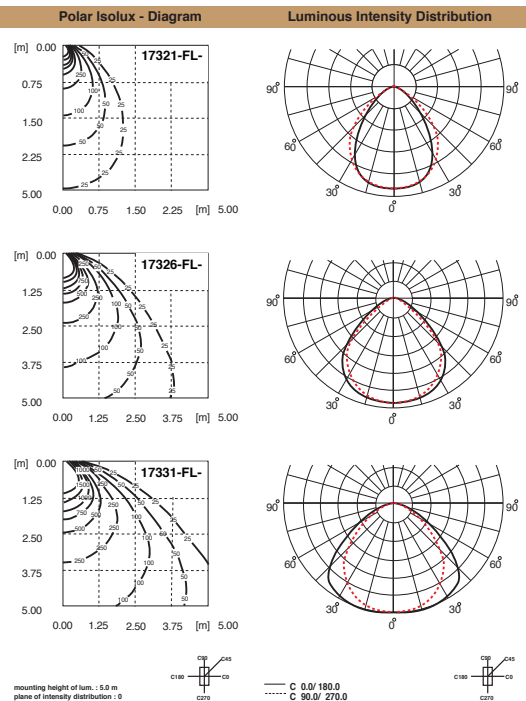
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17336-FL-	44	1238	630	86	15.4	4x36 V.220 - 50 HZ	2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17321-FL-	44	1238	170	86	5.6	1x36 V.220 - 50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17326-FL-	44	1238	298	86	8.4	2x36 V.220-50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17331-FL-	44	1238	630	86	14.6	3x36 V.220-50 HZ	2300-3350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

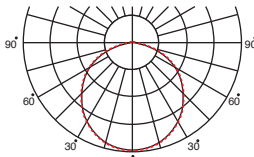
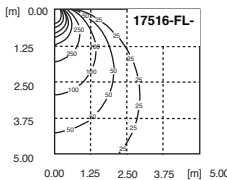
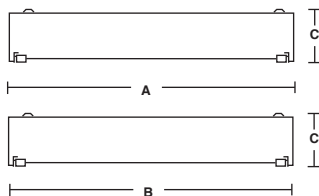
Versions of Surface mounted florescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

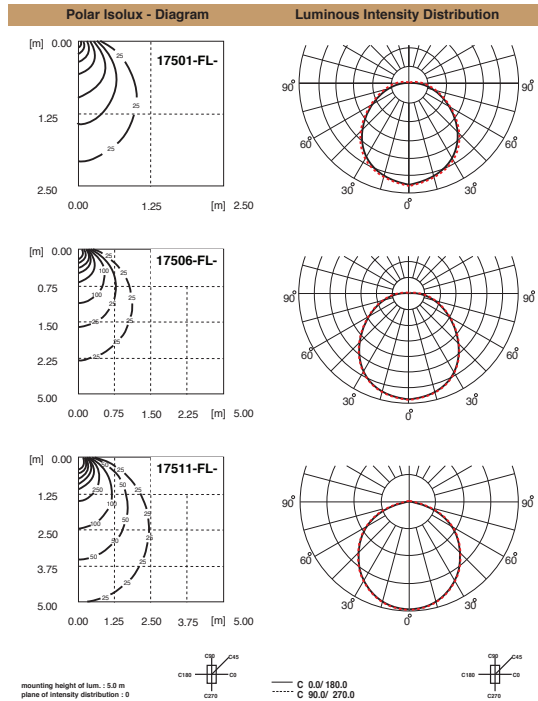
Diffuser: opal plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17516-FL-	44	A	B	C	Kg.	4x18		G 13
		633	630	86	7.6	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17501-FL-	44	A	B	C	Kg.	1x18		G 13
		633	170	86	3.6	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17506-FL-	44	A	B	C	Kg.	2x18		G 13
		633	298	86	4.6	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17511-FL-	44	A	B	C	Kg.	3x18		G 13
		633	630	86	7.6	V.220-50 HZ		

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

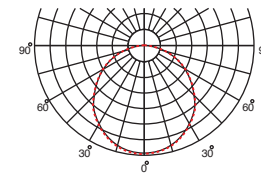
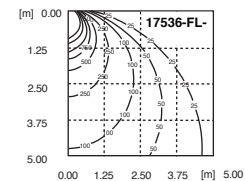
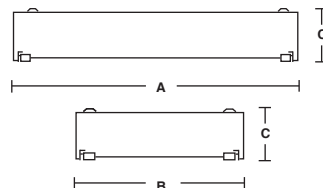
Versions of Surface mounted fluorescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Diffuser: opal plastic sheet.



PRODUCT APPLICATION



mounting height of lum.: 3.0 m
plane of intensity distribution : 0

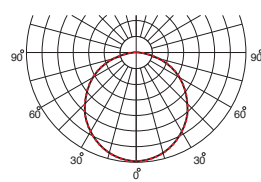
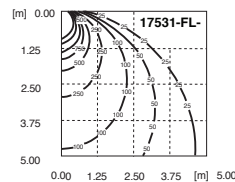
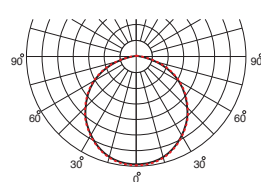
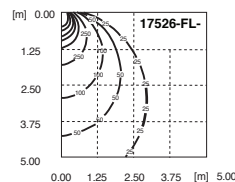
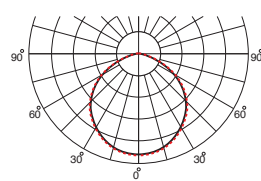
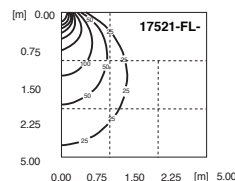


C 0.0/ 180.0
C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17536-FL-	44	A	B	C	Kg.	4x36		G 13
		1238	630	86	15.4	V.230 - 50 HZ	2300-3350	

Polar Isolux - Diagram Luminous Intensity Distribution



mounting height of lum.: 3.0 m
plane of intensity distribution : 0



C 0.0/ 180.0
C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17521-FL-	44	A	B	C	Kg.	1x36		G 13
		1238	170	86	5.6	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17526-FL-	44	A	B	C	Kg.	2x36		G 13
		1238	298	86	8.4	V.220-50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17531-FL-	44	A	B	C	Kg.	3x36		G 13
		1238	630	86	15.2	V.220-50 HZ	2300-3350	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

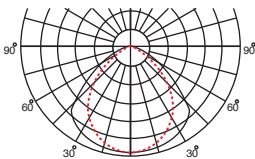
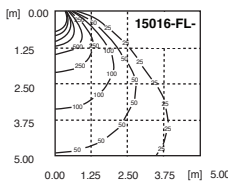
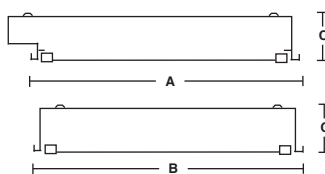
Versions of Recessed mounted fluorescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION



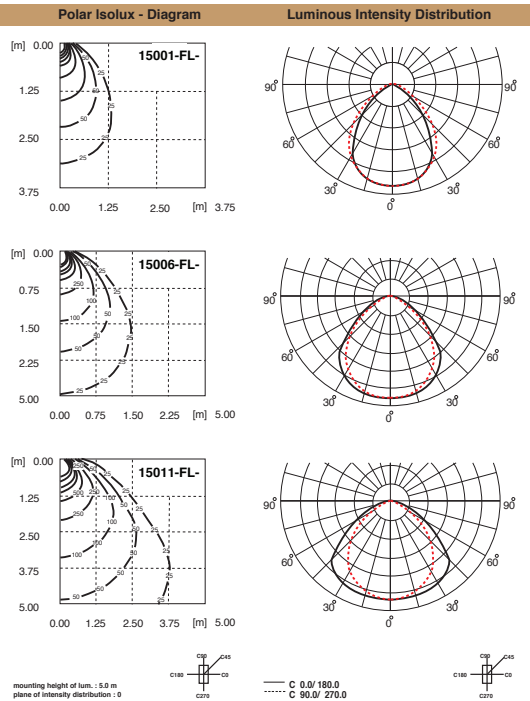
mounting height of lum.: 3.0 m
plane of intensity distribution : 0



— C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15016-FL-	44	A	B	C	Kg.	4x18		G 13
		593	593	105	7.4	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15001-FL-	44	A	B	C	Kg.	1x18		G 13
		593	145	105	3.1	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15006-FL-	44	A	B	C	Kg.	2x18		G 13
		593	295	105	4.4	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15011-FL-	44	A	B	C	Kg.	3x18		G 13
		593	593	105	7.4	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

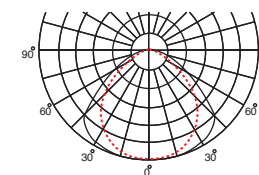
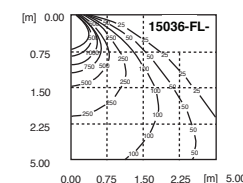
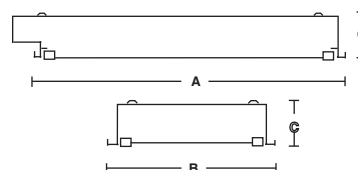
Versions of Recessed mounted fluorescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION



mounting height of lum.: 3.0 m
plane of intensity distribution : 0



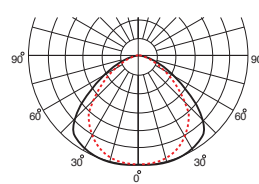
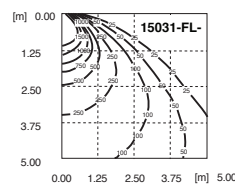
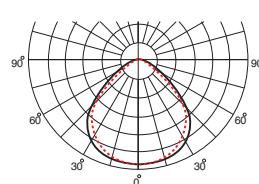
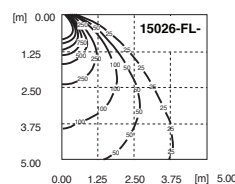
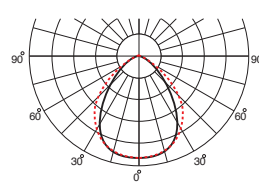
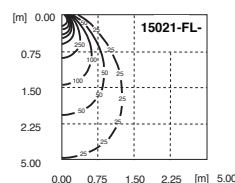
— C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15036-FL-	44	A	B	C	Kg.	4x36		G 13
		1193	593	105	13.2	V.220 - 50 HZ	2300-3350	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum.: 3.0 m
plane of intensity distribution : 0



— C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15021-FL-	44	A	B	C	Kg.	1x36		G 13
		1193	145	105	5.4	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15026-FL-	44	A	B	C	Kg.	2x36		G 13
		1193	295	105	8.2	V.220-50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15031-FL-	44	A	B	C	Kg.	3x36		G 13
		1193	593	105	13.2	V.220-50 HZ	2300-3350	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

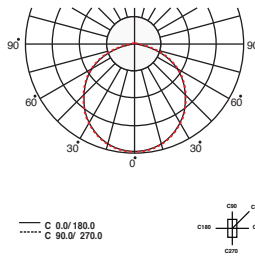
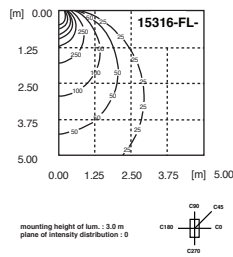
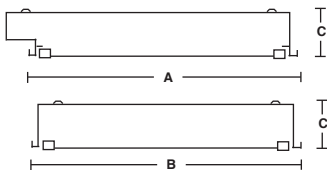
Versions of Recessed mounted fluorescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

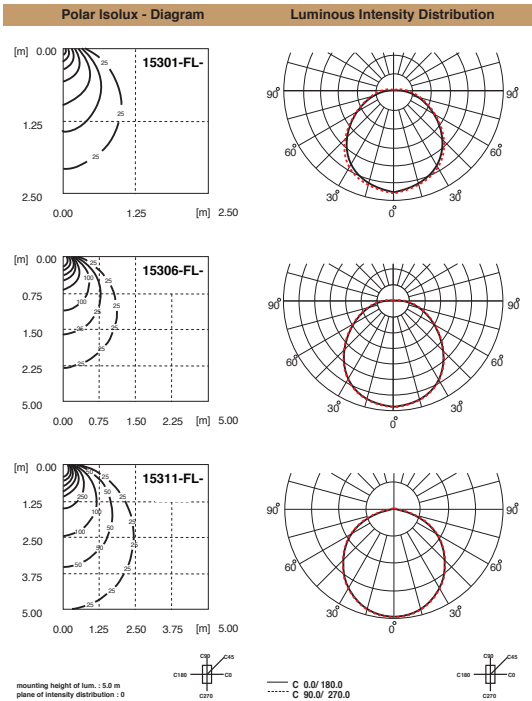
Diffuser: opal plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15316-FL-	44	A	B	C	Kg.	4x18		G 13
		593	593	105	7.8	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15301-FL-	44	A	B	C	Kg.	1x18		G 13
		593	145	105	3.6	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15306-FL-	44	A	B	C	Kg.	2x18		G 13
		593	295	105	4.6	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15311-FL-	44	A	B	C	Kg.	3x18		G 13
		593	593	105	7.8	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

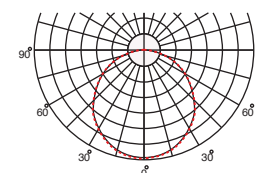
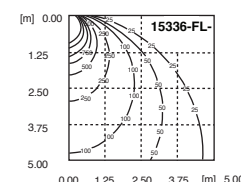
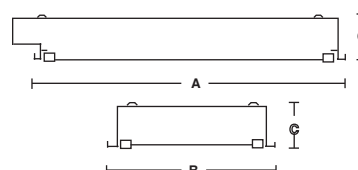
Versions of Recessed mounted fluorescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Diffuser: opal plastic sheet.



PRODUCT APPLICATION



mounting height of lum.: 3.0 m
plane of intensity distribution : 0



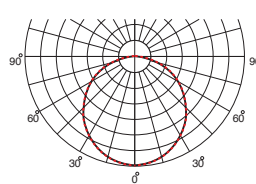
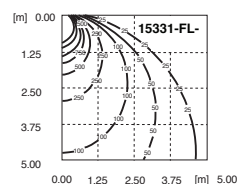
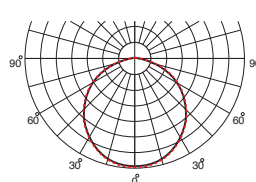
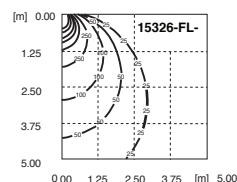
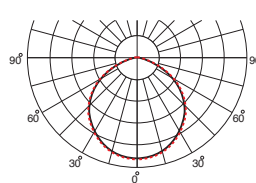
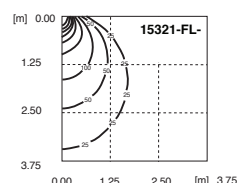
— C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15336-FL-	44	A	B	C	Kg.	4x36		G 13
		1193	593	105	14.2	V.220 - 50 HZ	2300-3350	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum.: 3.0 m
plane of intensity distribution : 0



— C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15321-FL-	44	A	B	C	Kg.	1x36		G 13
		1193	145	105	5.6	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15326-FL-	44	A	B	C	Kg.	2x36		G 13
		1193	295	105	8.4	V.220-50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15331-FL-	44	A	B	C	Kg.	3x36		G 13
		1193	593	105	12.2	V.220-50 HZ	2300-3350	

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

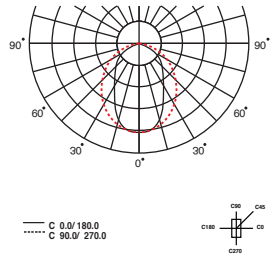
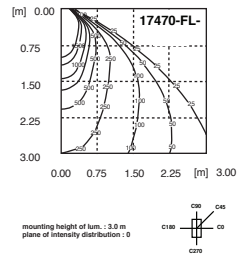
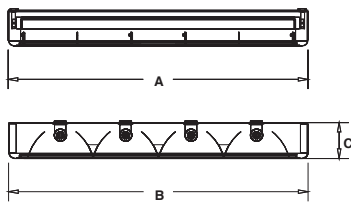
Versions of Surface mounted florescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

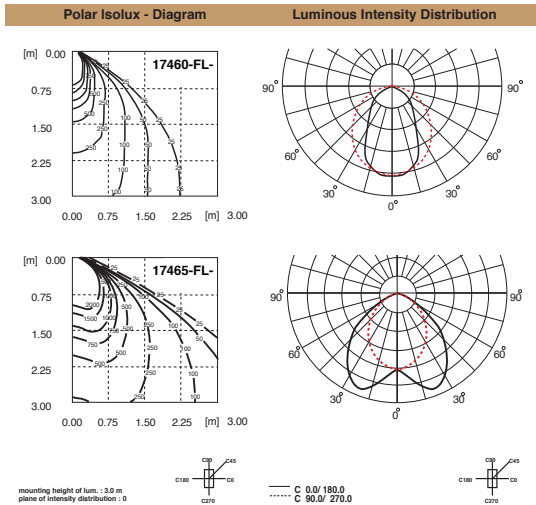
Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17470-FL-	20	622	622	75	7	V.220 - 50 HZ	1050 -1350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17460-FL-	20	622	322	75	4.2	V.220 - 50 HZ	1050-1350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17465-FL-	20	622	472	75	6.8	V.220-50 HZ	1050-1350	G 13

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

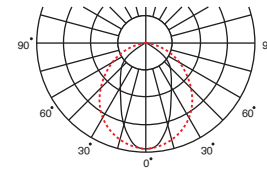
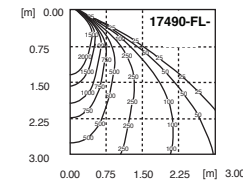
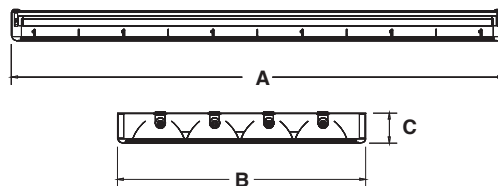
Versions of Surface mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



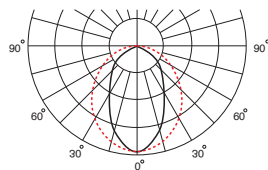
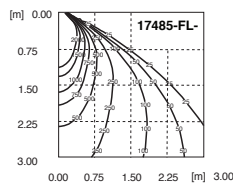
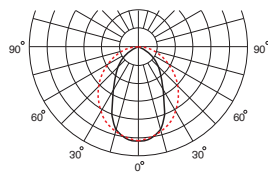
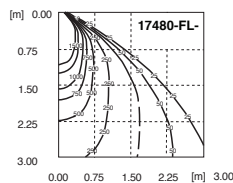
--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17490-FL-	20	1232	622	75	12	4x36 V.220 - 50 HZ	 2300-3350	G 13

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17480-FL-	20	1232	322	75	5	2X36 V.220 - 50 HZ	 2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17485-FL-	20	1232	472	75	11.3	3x36 V.220-50 HZ	 2300-3350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

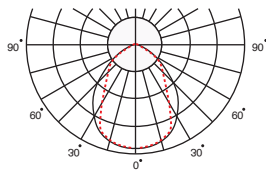
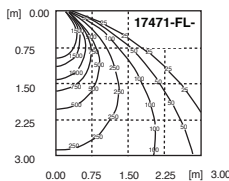
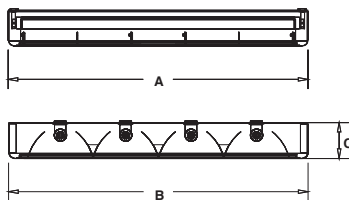
SURFACE MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

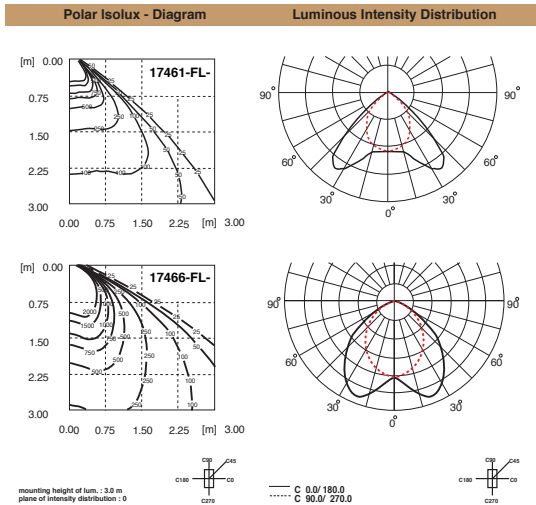
Versions of Surface mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17471-FL-	20	622	622	75	7	V.220 - 50 HZ	1050 -1350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17461-FL-	20	622	322	75	4.2	V.220 - 50 HZ	1050-1350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17466-FL-	20	622	472	75	6.8	V.220-50 HZ	1050-1350	G 13

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

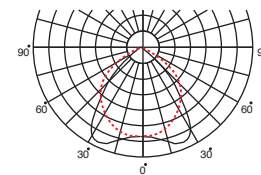
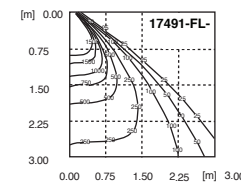
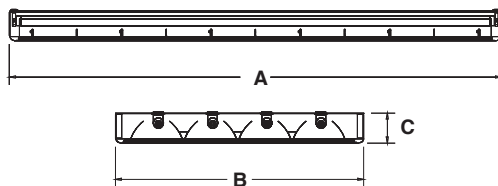
Versions of Surface mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



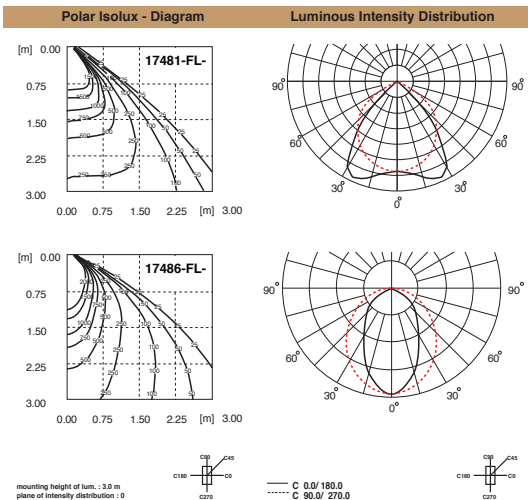
mounting height of lum.: 3.0 m
plane of intensity distribution : 0



--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17491-FL-	20	1232	622	75	12	4x36 V.220 - 50 HZ	2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17481-FL-	20	1232	322	75	5	2X36 V.220 - 50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17486-FL-	20	1232	472	75	11.3	3x36 V.220-50 HZ	2300-3350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

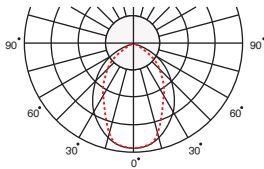
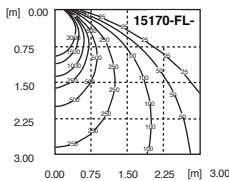
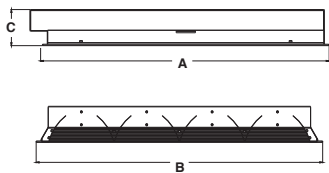
Versions of Recessed mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



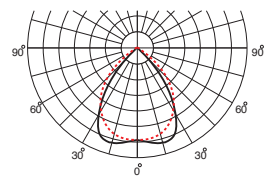
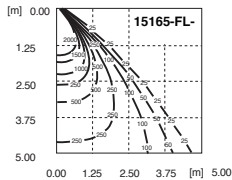
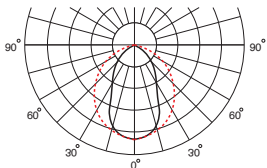
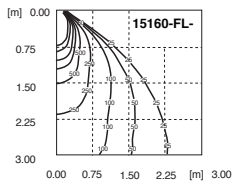
mounting height of lum. : 3.0 m
plane of intensity distribution : 0

— C 0.0/180.0
- - - C 90.0/270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15170-FL-	20	A	B	C	Kg.	4x18		G 13
		596	596	75	6.6	V.220 - 50 HZ		

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 5.0 m
plane of intensity distribution : 0

— C 0.0/180.0
- - - C 90.0/270.0

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15160-FL-	20	A	B	C	Kg.	2X18		G 13
		596	296	75	4	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15165-FL-	20	A	B	C	Kg.	3x18		G 13
		596	596	75	6.3	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

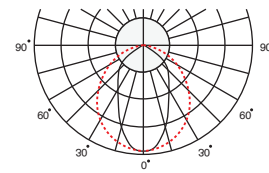
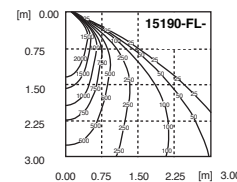
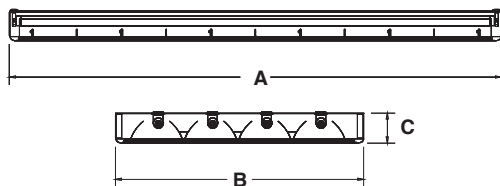
Versions of Recessed mounted fluorescent luminaires single parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



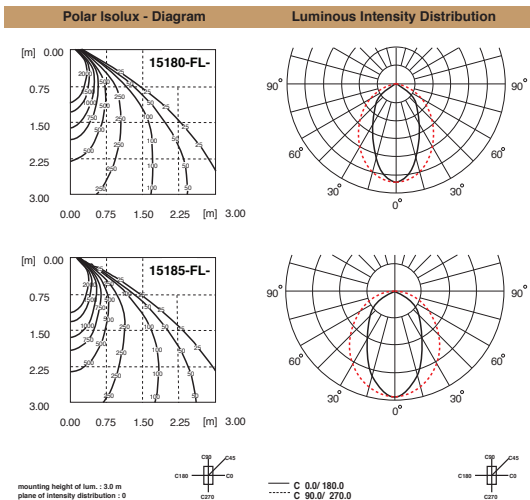
mounting height of lum.: 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15190-FL-	20	1196	596	75	13.1	V.220 - 50 HZ	2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15180-FL-	20	1196	296	75	7.3	V.220 - 50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15185-FL-	20	1196	596	75	12.3	V.220-50 HZ	2300-3350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

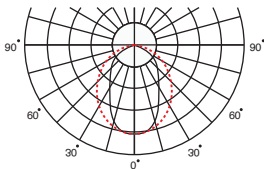
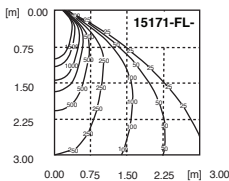
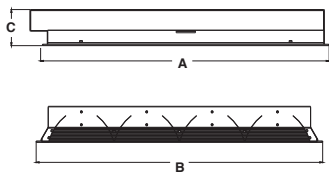
Versions of Recessed mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



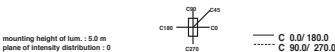
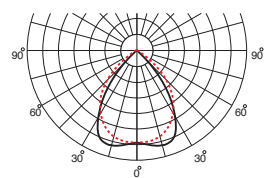
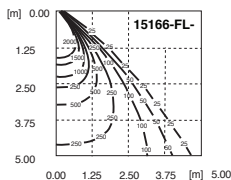
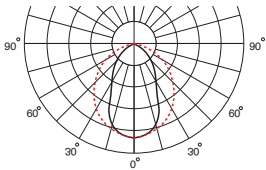
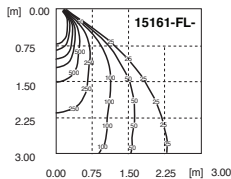
PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15171-FL-	20	A	B	C	Kg.	4x18		G 13
		596	596	75	6.6	V.220 - 50 HZ		

Polar Isolux - Diagram

Luminous Intensity Distribution



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15161-FL-	20	A	B	C	Kg.	2X18		G 13
		596	296	75	4	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15166-FL-	20	A	B	C	Kg.	3x18		G 13
		596	596	75	6.3	V.220-50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

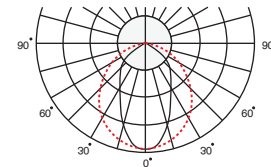
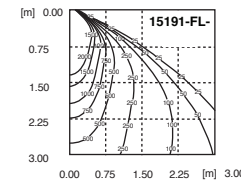
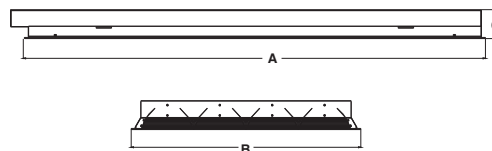
Versions of Recessed mounted fluorescent luminaires double parabolic with louver mirror.

Body: made of cold rolled steel treated and painted with electrostatic powder coating

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



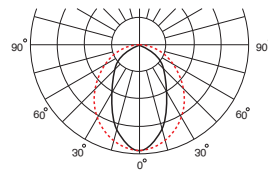
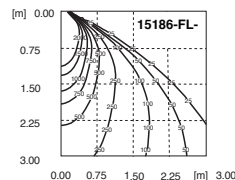
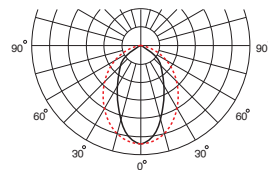
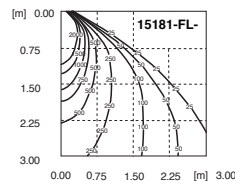
--- C 0.0°/180.0
- - - C 90.0°/270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15191-FL-	20	1196	596	75	13.1	V.220 - 50 HZ	2300-3350	G 13

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0°/180.0
- - - C 90.0°/270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15181-FL-	20	1196	296	75	7.3	V.220 - 50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15186-FL-	20	1196	596	75	12.3	V.220-50 HZ	2300-3350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

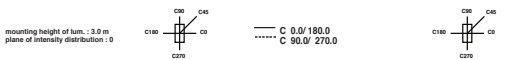
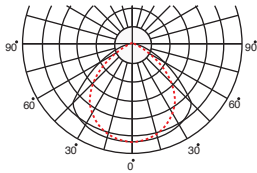
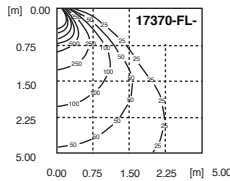
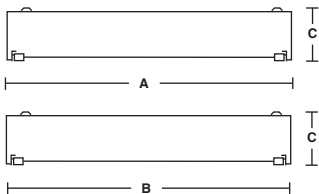
Versions of Surface mounted fluorescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

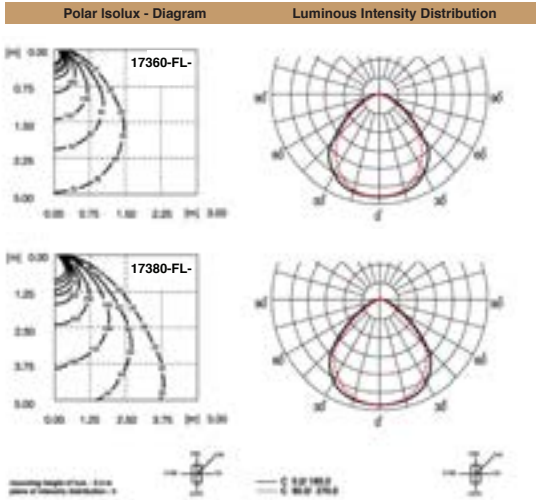
Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17370-FL-	44	A	B	C	Kg.	4x18		G 13
		622	622	75	7	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17360-FL-	44	A	B	C	Kg.	2X18		G 13
		622	322	75	4.2	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17380-FL-	44	A	B	C	Kg.	2x36		G 13
		1232	322	75	5	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17390-FL-	44	A	B	C	Kg.	4x36		G 13
		1232	472	75	12	V.220-50 HZ		

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

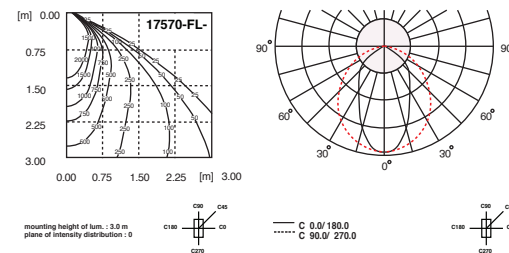
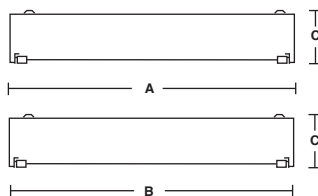
Versions of Surface mounted fluorescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

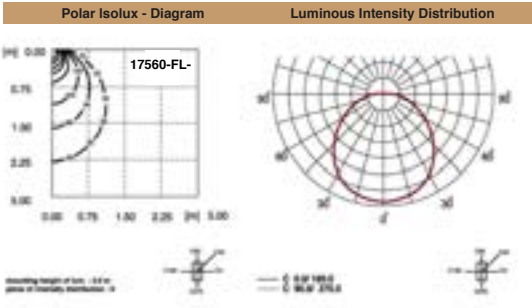
Diffuser: clear opal plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17570-FL-	44	A	B	C	Kg.	4x18		G 13
		622	622	75	7	V.220 - 50 HZ	1050 -1350	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17560-FL-	44	A	B	C	Kg.	2X18		G 13
		622	322	75	4.2	V.220 - 50 HZ	1050 -1350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17580-FL-	44	A	B	C	Kg.	2x36		G 13
		1232	322	75	5	V.220-50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17590-FL-	44	A	B	C	Kg.	4x36		G 13
		1232	622	75	12	V.220-50 HZ	2300-3350	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

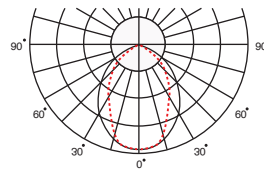
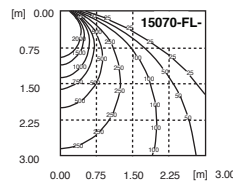
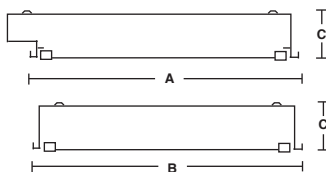
Versions of Recessed mounted fluorescent luminaires with prismatic diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Diffuser: clear prismatic plastic sheet.



PRODUCT APPLICATION

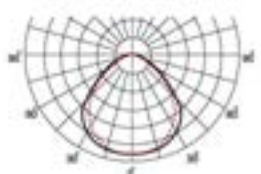
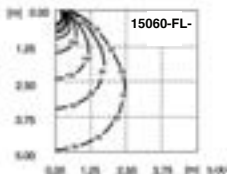


mounting height of lum.: 3.0 m
plane of intensity distribution : 0

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15070-FL-	44	596	596	75	6.6	V.220 - 50 HZ	1050 -1350	G 13

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum.: 3.0 m
plane of intensity distribution : 0

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15060-FL-	44	596	296	75	4.2	V.220 - 50 HZ	1050-1350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15080-FL-	44	1196	296	75	7.3	V.220-50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15085-FL-	44	1196	596	75	12.3	V.220-50 HZ	2300-3350	G 13

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15090-FL-	44	1196	596	75	14.1	V.220-50 HZ	2300-3350	G 13

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES (GENIUS)

PRODUCT DESCRIPTION

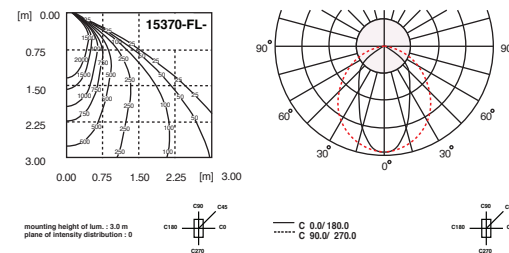
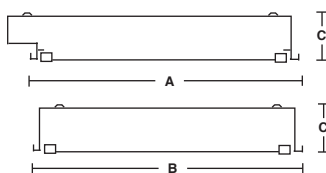
Versions of Recessed mounted fluorescent luminaires with opal diffuser with plastic frame.

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

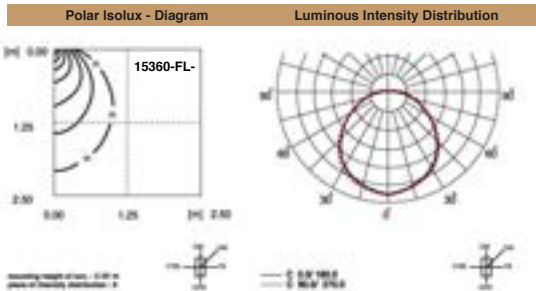
Diffuser: clear opal plastic sheet.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15370-FL-	44	A	B	C	Kg.	4x18		G 13
		596	596	75	6.6	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15360-FL-	44	A	B	C	Kg.	2X18		G 13
		596	296	75	4.2	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15380-FL-	44	A	B	C	Kg.	2x36		G 13
		1196	296	75	7.3	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15385-FL-	44	A	B	C	Kg.	3x36		G 13
		1196	596	75	12.3	V.220-50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15390-FL-	44	A	B	C	Kg.	4x36		G 13
		1196	596	75	14.1	V.220-50 HZ		

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

Fluorescent; Recessed ceiling and surface mounted luminaire.

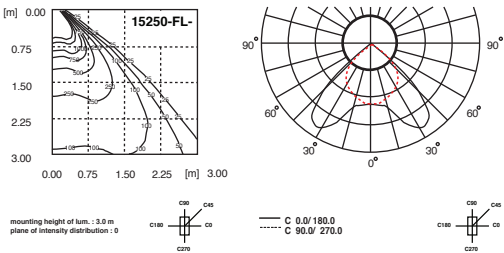
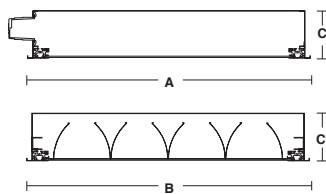
Body: made of cold rolled steel coated with electrostatic powder coat.

Reflector: high purity and bright anodized aluminium,.

Diffuser: shock resistant glass & prismatic plastic sheet (15251-FL-).

Glass frame: silver anodized aluminium.

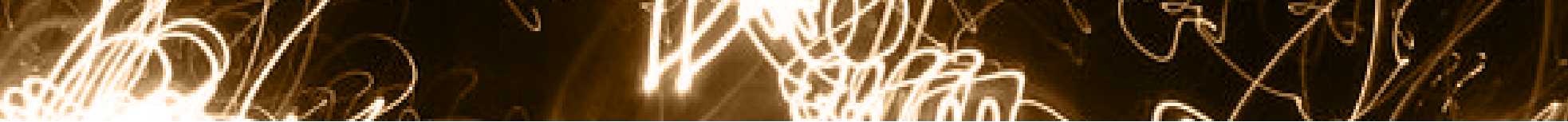
Gasket: rubber.



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15250-FL- Glass Cover	65	A	B	C	Kg.	4x18		G 13
		594	594	100	7	V.220 - 50 HZ	1050 -1350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15251-FL- Prismatic Cover	65	A	B	C	Kg.	4X18		G 13
		594	594	100	7	V.220 - 50 HZ	1050 -1350	

* Available in LED Lamps



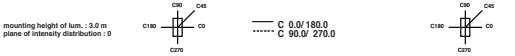
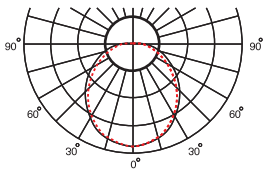
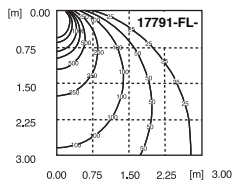
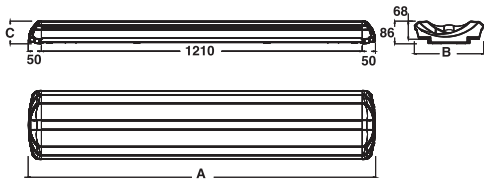
SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

Fluorescent luminaire in attractive Decorative shapes .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Diffuser: polycarbonate plastic.



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17791-FL-	30	A	B	C	Kg.	4x18		G 13
		700	262	85	3.6	V.220 - 50 HZ	1050 -1350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17796-FL-	30	A	B	C	Kg.	4X36		G 13
		1310	262	85	6	V.220 - 50 HZ	2300-3350	

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

A decorative fluorescent luminaire with metallic louver .

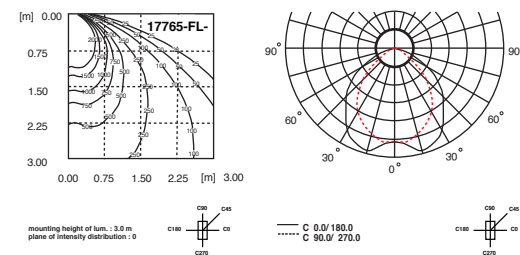
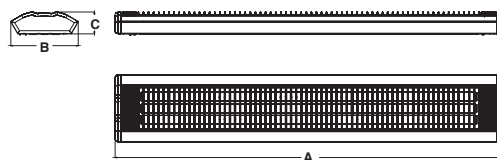
Body: made of steel treated and painted with electrostatic powder coating.

Reflector: High mirror pure aluminum anodized.

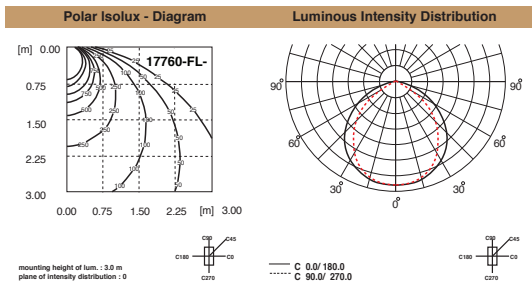
Difuser: made of plastic metalized polymer.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17765-FL-	20	1345	234	76	5.9	3x36 V.220 - 50 HZ	2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17760-FL-	20	735	234	76	3.7	3X18 V.220 - 50 HZ	1050 -1350	G 13

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

A decorative fluorescent luminaires with metallic louver .

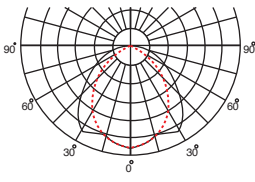
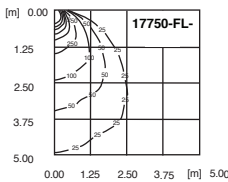
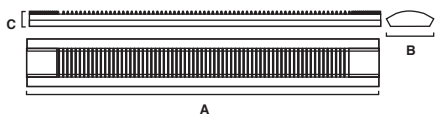
Body: made of steel treated and painted with electrostatic powder coating.

Reflector: High mirror pure aluminum anodized.

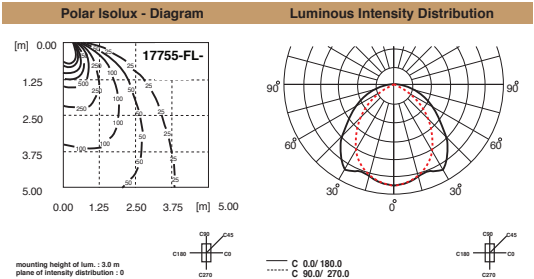
Difuser: made of plastic metalized polymer.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
17750-FL-	20	835	195	63.5	Kg.	2x18		G 13
					2.79	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
17755-FL-	20	1432	195	63.5	Kg.	2X36		G 13
					4.997	V.220 - 50 HZ		

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

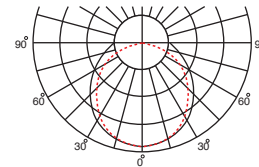
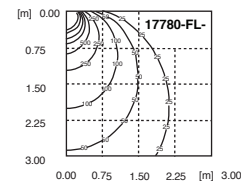
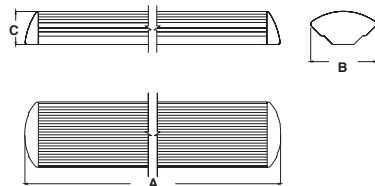
Fluorescent luminaires in attractive Decorative shapes .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Diffuser: polycarbonate plastic.



PRODUCT APPLICATION



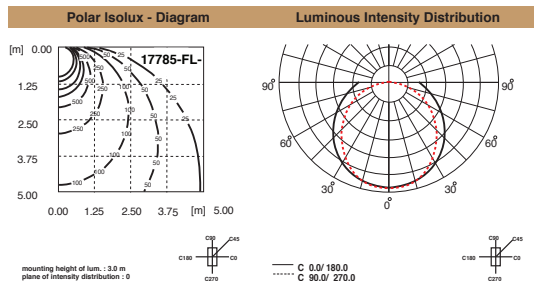
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/ 180.0
- - - C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17780-FL-	30	A	B	C	Kg.	2x18		G 13
		685	145	73	1.597	V.220 - 50 HZ		

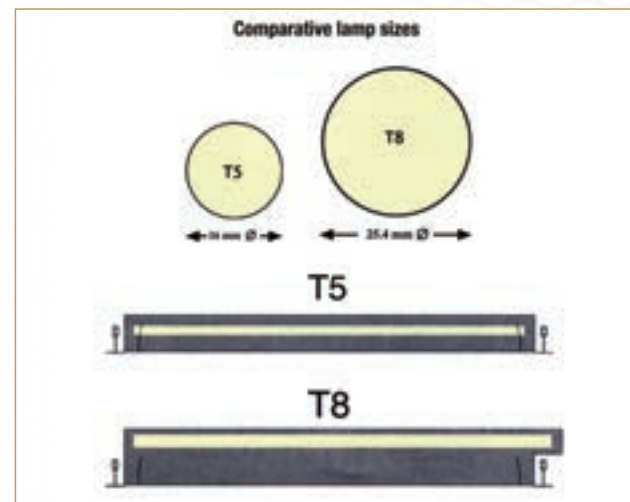
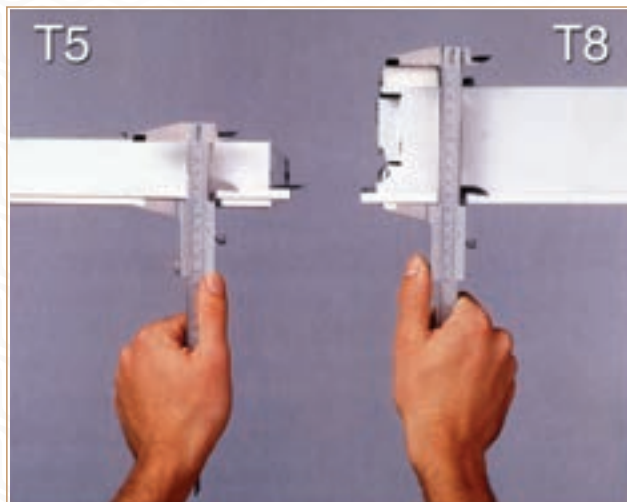


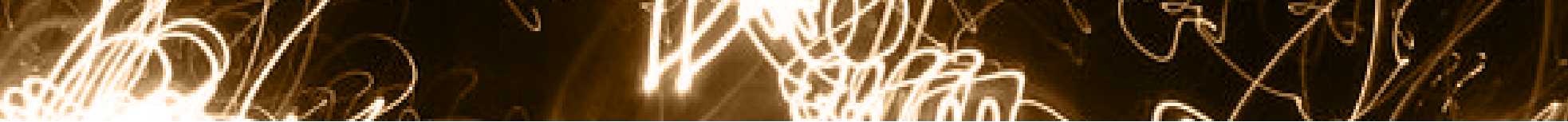
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17785-FL-	30	A	B	C	Kg.	2X36		G 13
		1294	145	73	3.026	V.220 - 50 HZ		

* Available in LED Lamps

FLUORESCENT LIGHTING

T5 FLUORESCENT LIGHTING





Versions of Recessed and Surface mounted fluorescent luminaire

- **Body:** made of cold rolled steel treated and painted with electrostatic powder coating.
- **Reflector:** high mirror pure aluminium anodized.
- **Application:** valid for concrete ceiling: offices - waiting rooms - hospitals - schools - shopping centers

MOTIVATION

With its slimmer profile and high energy efficiency the T5 Lamp brings many benefits to lighting design and ultimately to the customer.

- With a diameter of 16mm, T5 is 40% smaller than existing T8 lamps. It is also 50mm shorter than its predecessor, making it more suitable for use in modular ceilings and continuous lighting applications.
- T5 lighting systems offer a different approach to luminaire design. They are especially suited for general lighting purposes, for example in offices and retail environments, where compact and more architectural luminaire designs are appropriate.
- The development of the T5 lamp is the most significant step forward in energy efficiency since the introduction of high frequency gear. On average, a luminaire arrangement using a T5 lamp will deliver a 40% energy saving when compared to a similar arrangement using T8 lamps.
- All types of fixtures are compatible with electronic ballast to ensure the lifespan of bulb and the provision of electric power

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

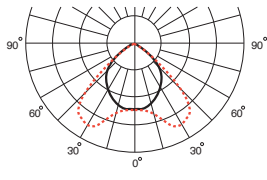
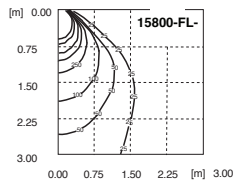
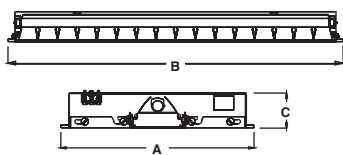
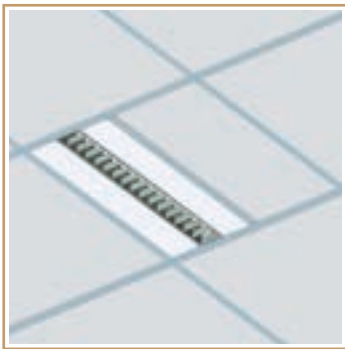
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.

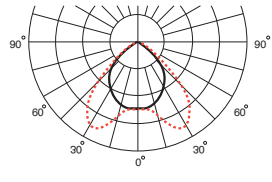
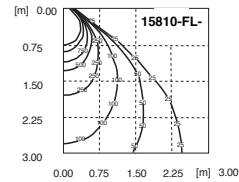
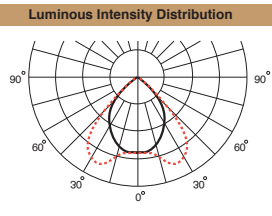
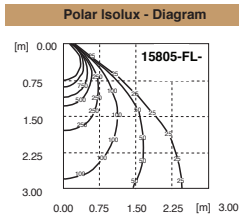


PRODUCT APPLICATION

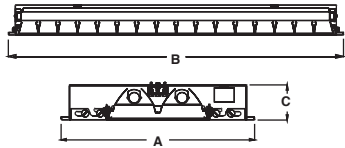
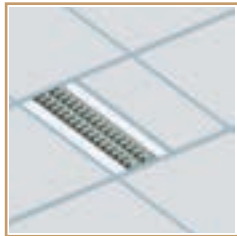


mounting height of lum. : 3.0 m
plane of intensity distribution : 0

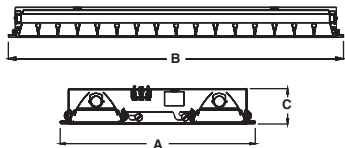
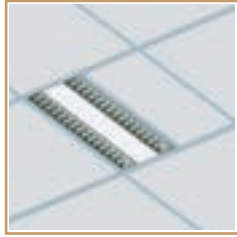
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15800-FL-	20	A	B	C	Kg.	1x14		G 5
		296	596	54	2.837	V.220 - 50 HZ	1100 -1300	



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15805-FL-	20	A	B	C	Kg.	2X14		G 5
		296	596	54	2.835	V.220 - 50 HZ	1100-1300	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15810-FL-	20	A	B	C	Kg.	1+1X14		G 5
		296	596	54	2.719	V.220 - 50 HZ	1100-1300	

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

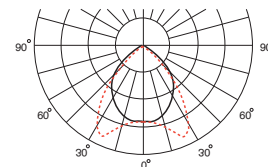
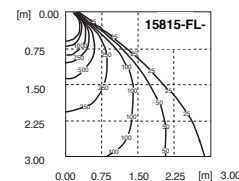
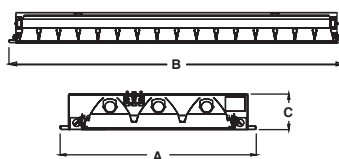
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



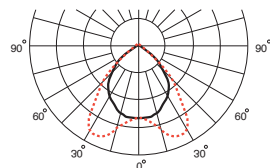
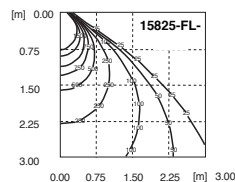
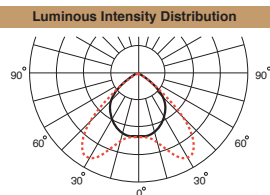
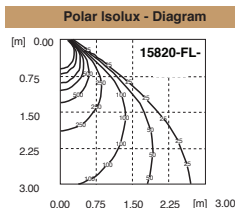
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0°/180.0
--- C 90.0°/270.0



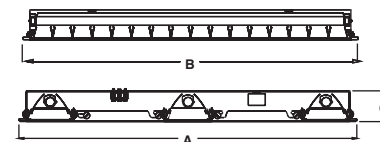
Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15815-FL-	20	296	596	54	2.833	3x14 V.220 - 50 HZ	1100 -1300	G 5



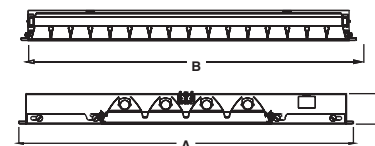
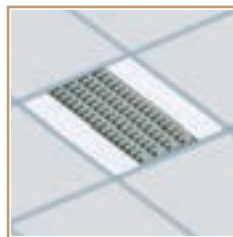
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0°/180.0
--- C 90.0°/270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15820-FL-	20	596	596	54	5.586	1+1+1X14 V.220 - 50 HZ	1100-1300	G 5



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
15825-FL-	20	596	596	54	5.340	4X14 V.220 - 50 HZ	1100-1300	G 5

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

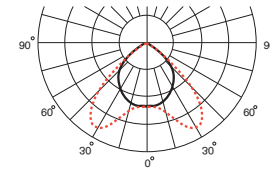
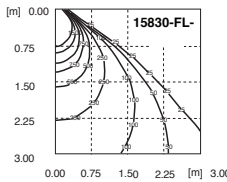
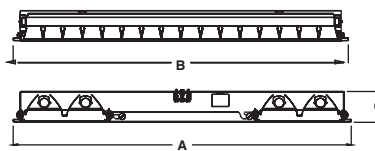
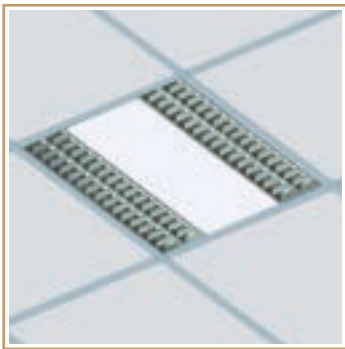
Versions of Recessed mounted fluorescent luminaire .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



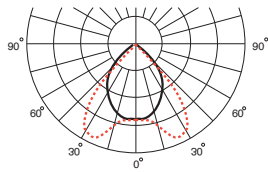
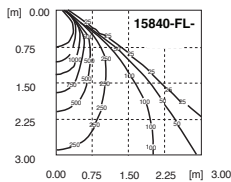
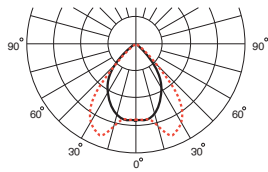
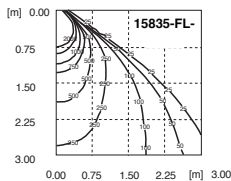
--- C 0.0°/180.0
--- C 90.0°/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
15830-FL-	20				Kg.	2+2x14		G 5
		596	596	54	5.222	V.220 - 50 HZ		

Polar Isolux - Diagram

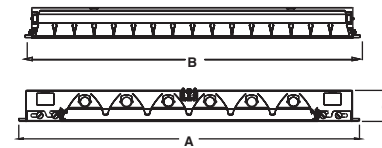
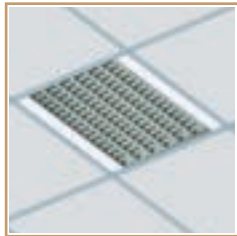
Luminous Intensity Distribution



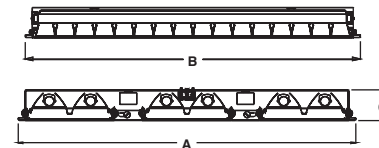
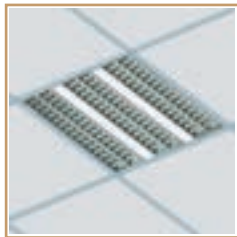
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0°/180.0
--- C 90.0°/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
15835-FL-	20				Kg.	6X14		G 5
		596	596	54	5.339	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
15840-FL-	20				Kg.	2+2+2X14		G 5
		596	596	54	5.336	V.220 - 50 HZ		

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

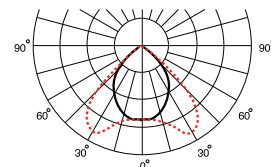
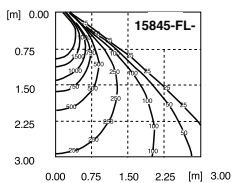
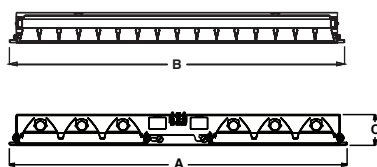
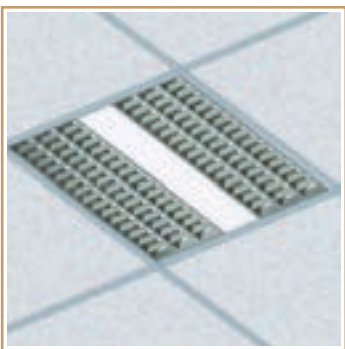
Versions of Recessed mounted fluorescent luminaire .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



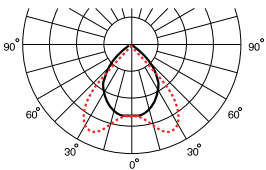
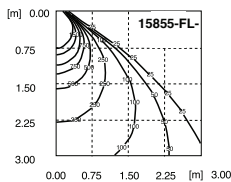
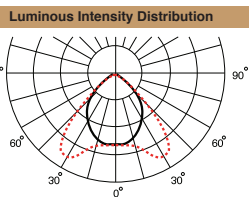
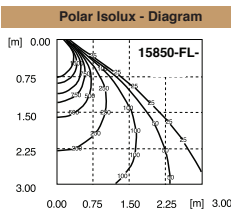
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



— C 180.0 /0.0
- - - C 270.0 /90.0



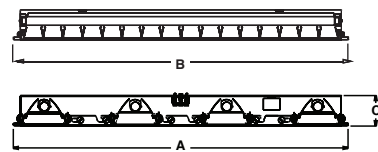
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15845-FL-	20	A	B	C	Kg.	3+3x14		G 5
		596	596	54	5.167	V.220 - 50 HZ	1100 -1300	



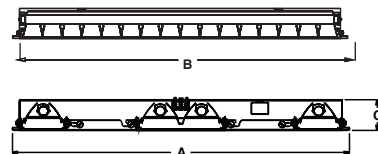
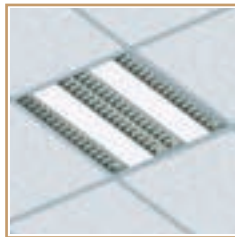
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



— C 180.0 /0.0
- - - C 270.0 /90.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15850-FL-	20	A	B	C	Kg.	1+1+1x14		G 5
		596	596	54	5.380	V.220 - 50 HZ	1100-1300	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15855-FL-	20	A	B	C	Kg.	1+2+1x14		G 5
		596	596	54	5.399	V.220 - 50 HZ	1100-1300	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

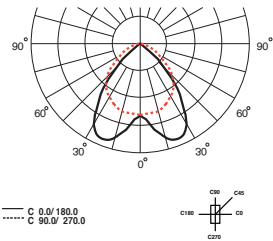
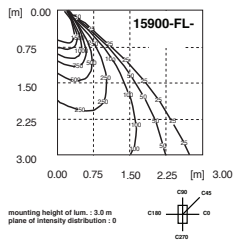
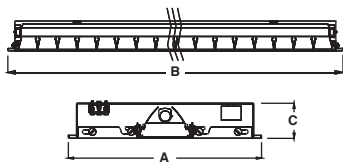
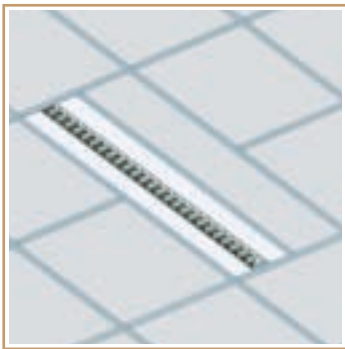
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



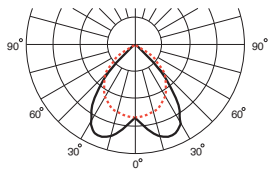
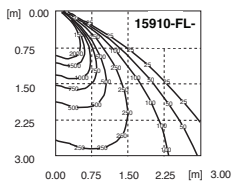
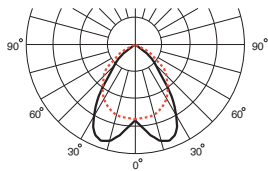
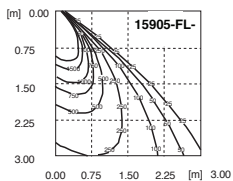
PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15900-FL-	20	A	B	C	Kg.	1x28		G 5
		296	1196	54	5.524	V.220 - 50 HZ	2400 -2750	

Polar Isolux - Diagram

Luminous Intensity Distribution

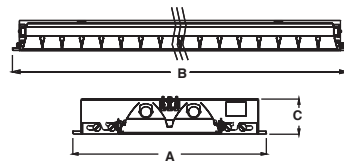


mounting height of lum. : 3.0 m
plane of intensity distribution : 0

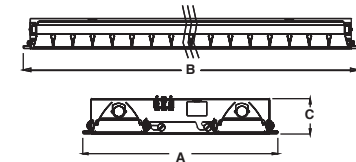
C180 C180
C180 C180

--- C 0.0/ 180.0
--- C 90.0/ 270.0

C180 C180
C180 C180



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15905-FL-	20	A	B	C	Kg.	2X28		G 5
		296	1196	54	5.520	V.220 - 50 HZ	2400-2750	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15910 -FL-	20	A	B	C	Kg.	1+1X28		G 5
		296	1196	54	5.294	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

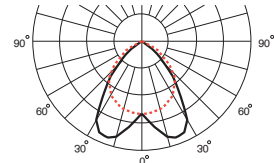
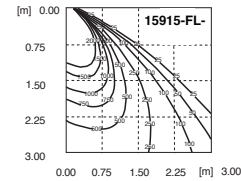
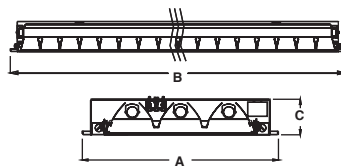
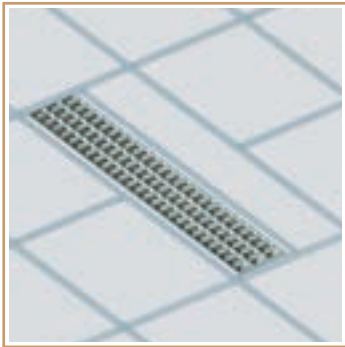
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0

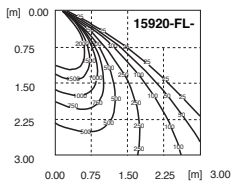


--- C 0.0/180.0
--- C 90.0/270.0

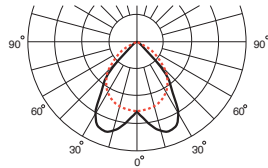
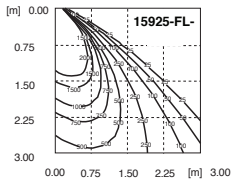
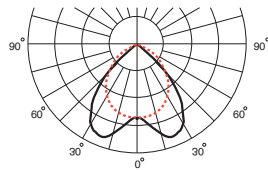


Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15915-FL-	20	A	B	C	Kg.	3x28		G 5
		296	1196	54	5.519	V.220 - 50 HZ	2400 -2750	

Polar Isolux - Diagram



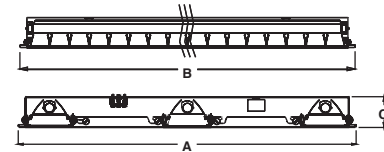
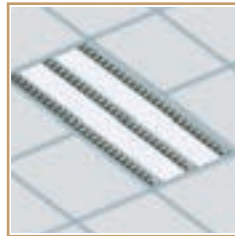
Luminous Intensity Distribution



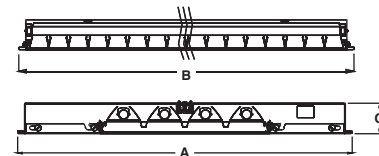
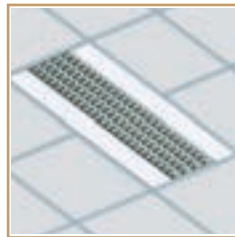
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15920-FL-	20	A	B	C	Kg.	1+1+1X28		G 5
		596	1196	54	10.880	V.220 - 50 HZ	2400-2750	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15925-FL-	20	A	B	C	Kg.	4X28		G 5
		596	1196	54	10.397	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

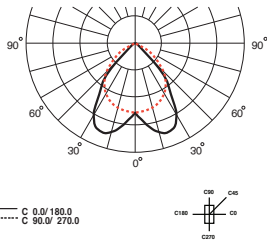
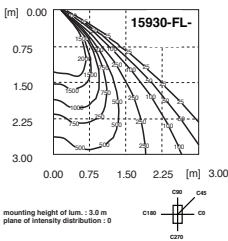
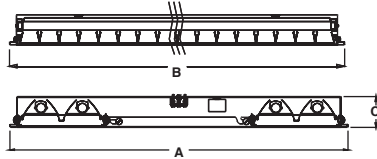
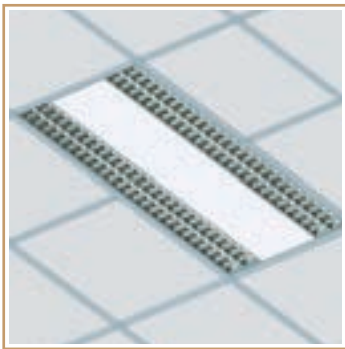
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

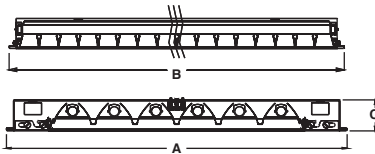
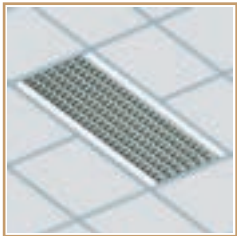
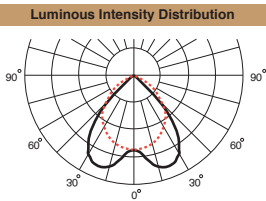
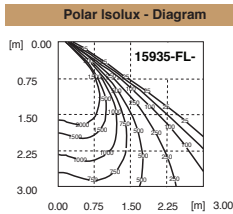
Reflector: high mirror pure aluminium anodized.



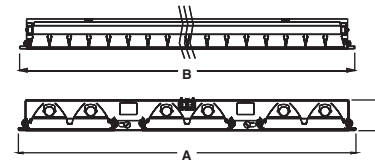
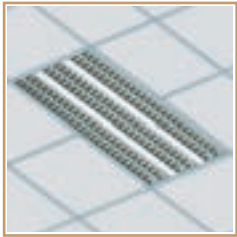
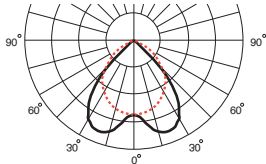
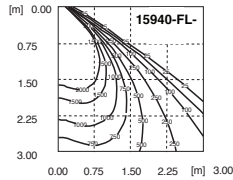
PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15930-FL-	20	A	B	C	Kg.	2+2x28		G 5
		596	1196	54	10.167	V.220 - 50 HZ	2400 -2750	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15935-FL-	20	A	B	C	Kg.	6X28		G 5
		596	1196	54	10.395	V.220 - 50 HZ	2400-2750	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15940 -FL-	20	A	B	C	Kg.	2+2+2X28		G 5
		596	1196	54	10.389	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

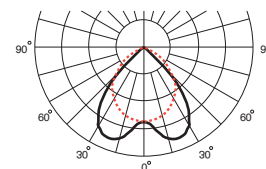
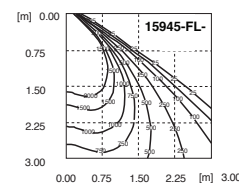
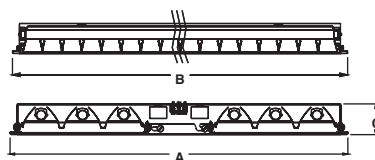
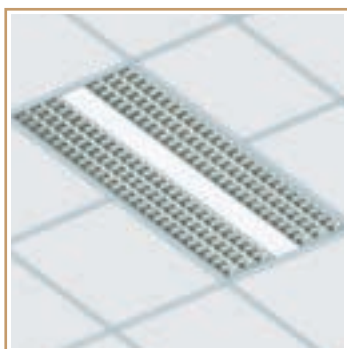
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



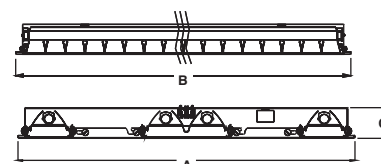
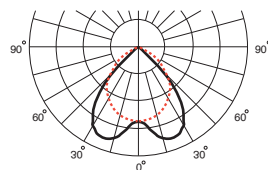
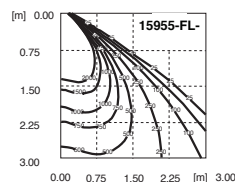
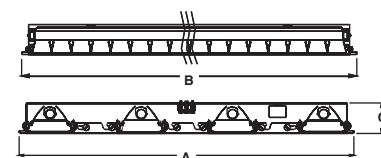
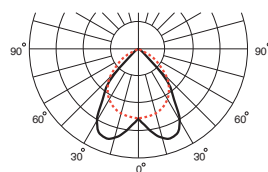
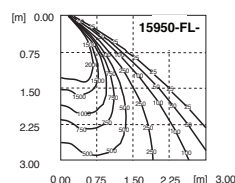
--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15945-FL-	20	A	B	C	Kg.	3+3x28		G 5
		596	1196	54	10.060	V.220 - 50 HZ	2400 -2750	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15950-FL-	20	A	B	C	Kg.	1+1+1X28		G 5
		596	1196	54	10.475	V.220 - 50 HZ	2400-2750	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
15955-FL-	20	A	B	C	Kg.	1+2+1X28		G 5
		596	1196	54	10.511	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

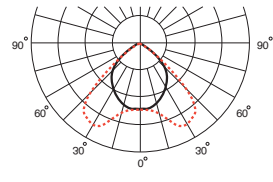
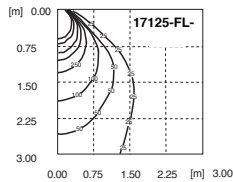
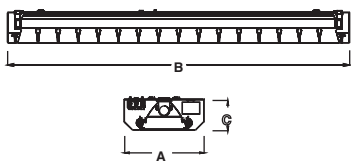
Versions of Surface mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



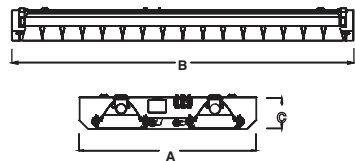
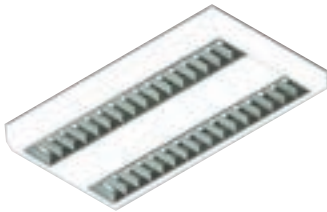
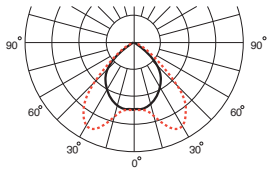
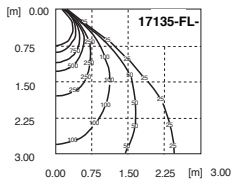
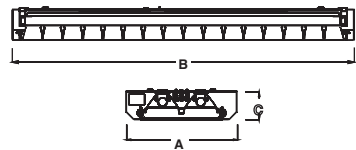
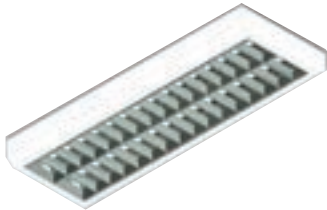
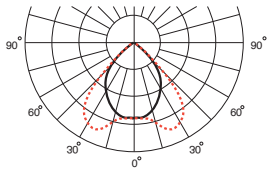
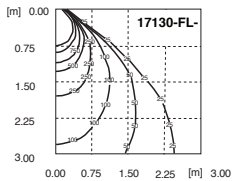
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17125-FL-	20	A	B	C	Kg.	1x14		G 5
		140	596	54	1.296	V.220 - 50 HZ	1100 -1300	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17130-FL-	20	A	B	C	Kg.	2X14		G 5
		212	596	54	2.162	V.220 - 50 HZ	1100-1300	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17135 -FL-	20	A	B	C	Kg.	1+1X14		G 5
		296	596	54	3.145	V.220 - 50 HZ	1100-1300	

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

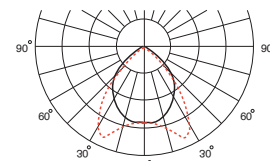
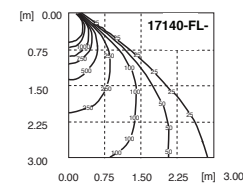
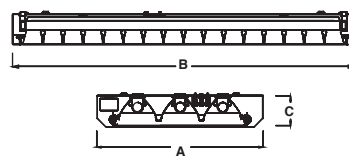
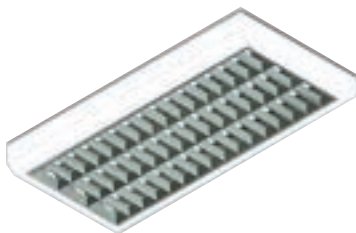
Versions of Surface mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



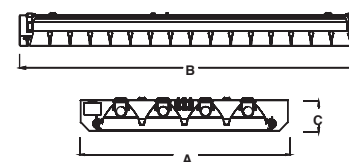
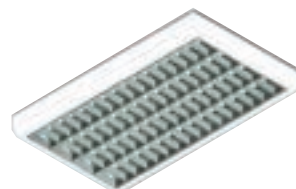
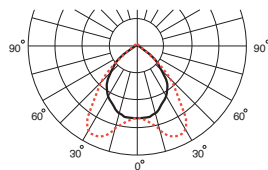
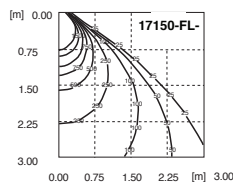
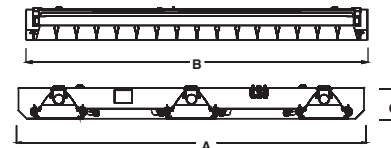
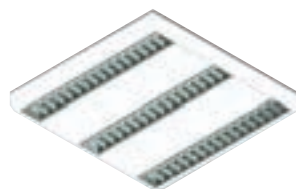
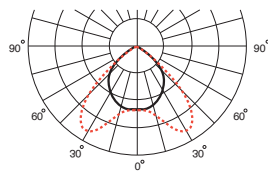
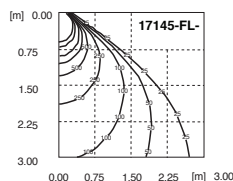
--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17140-FL-	20	285	596	54	3.028	3x14 V.220 - 50 HZ	 1100-1300	G 5

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17145-FL-	20	596	596	54	5.780	1+1X14 V.220 - 50 HZ	 1100-1300	G 5

Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
17150-FL-	20	358	596	54	3.894	4X14 V.220 - 50 HZ	 1100-1300	G 5

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

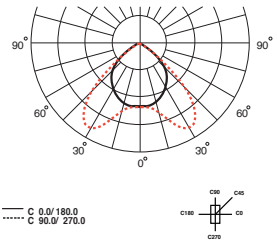
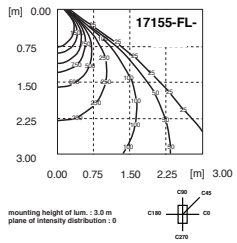
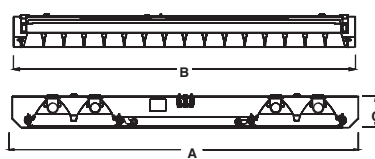
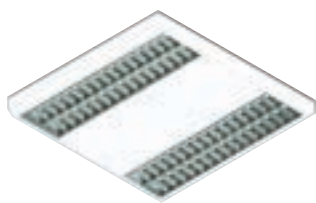
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



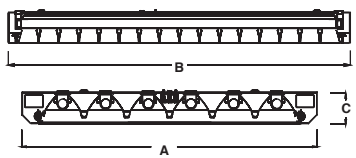
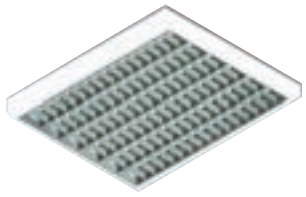
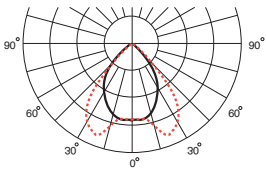
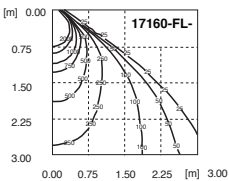
PRODUCT APPLICATION



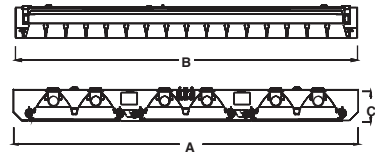
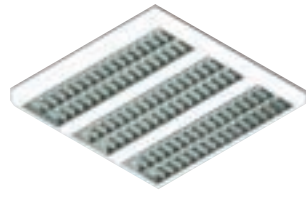
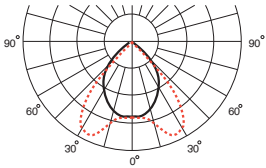
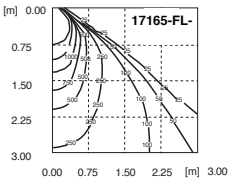
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		A	B	C				
17155-FL-	20	596	596	54	5.403	2+2 x14 V.220 - 50 HZ	1100 -1300	G 5

Polar Isolux - Diagram

Luminous Intensity Distribution



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
17160-FL-	20	504	596	54	5.092	6X14 V.220 - 50 HZ	1100-1300	G 5



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
17165-FL-	20	596	596	54	5.521	2+2+2X14 V.220 - 50 HZ	1100-1300	G 5

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

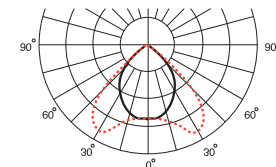
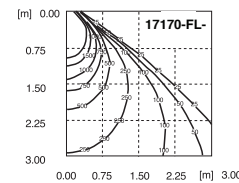
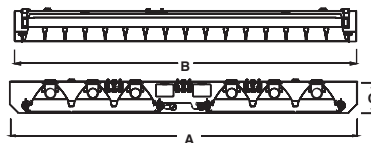
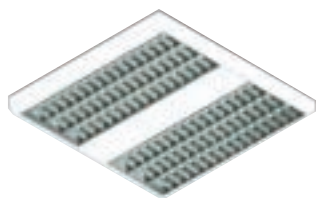
Versions of Surface mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



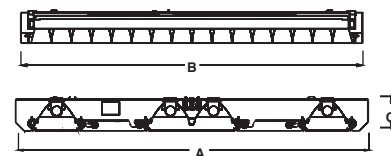
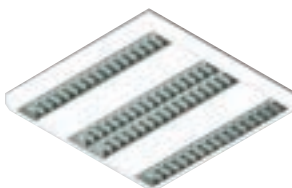
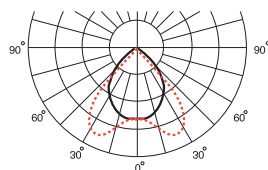
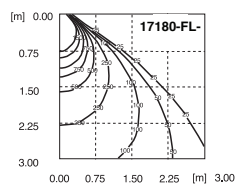
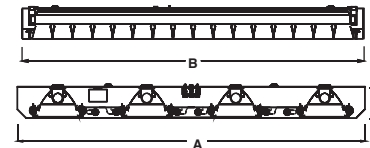
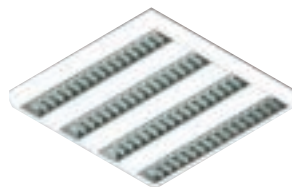
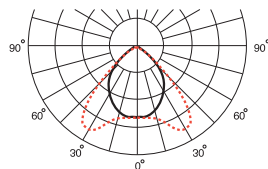
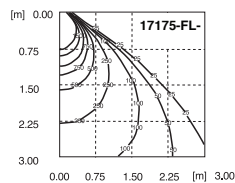
--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17170-FL-	20	A	B	C	Kg.	3x3x14		G 5
		596	596	54	5.346	V.220 - 50 HZ	1100 -1300	

Polar Isolux - Diagram

Luminous Intensity Distribution



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17175-FL-	20	A	B	C	Kg.	1+1+1X14		G 5
		596	596	54	5.566	V.220 - 50 HZ	1100-1300	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17180-FL-	20	A	B	C	Kg.	1+2+1X14		G 5
		596	596	54	5.524	V.220 - 50 HZ	1100-1300	

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

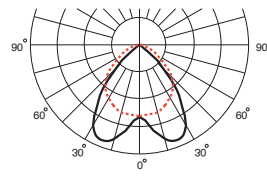
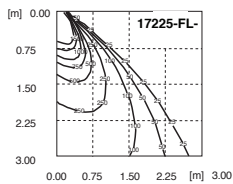
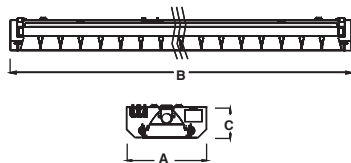
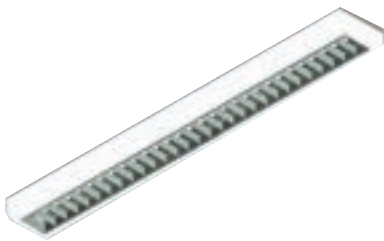
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



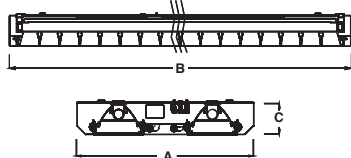
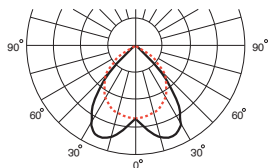
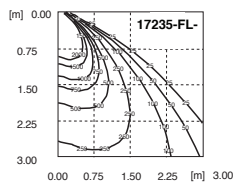
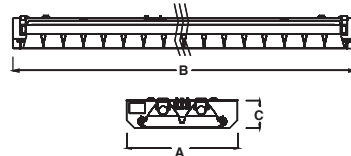
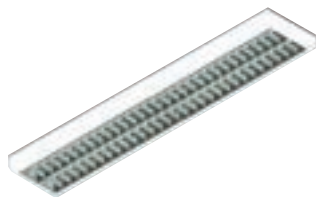
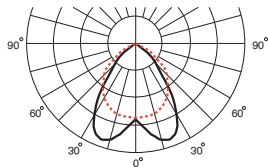
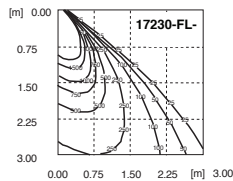
C 0.0/ 180.0
C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17225-FL-	20	A	B	C	Kg.	1 x 28		G 5
		140	1196	54	2.523	V.220 - 50 HZ	2400 - 2750	

Polar Isolux - Diagram

Luminous Intensity Distribution



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17230-FL-	20	A	B	C	Kg.	2X28		G 5
		212	1196	54	4.210	V.220 - 50 HZ	2400 - 2750	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17235-FL-	20	A	B	C	Kg.	1+1X28		G 5
		296	1196	54	6.123	V.220 - 50 HZ	2400-2700	

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

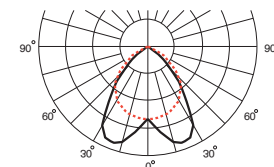
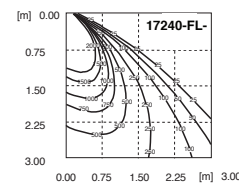
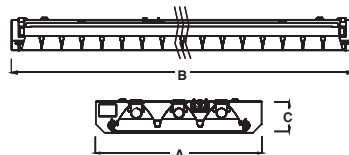
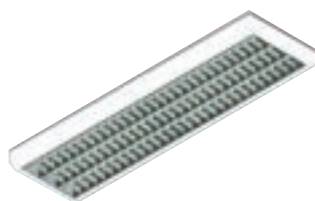
Versions of Surface mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



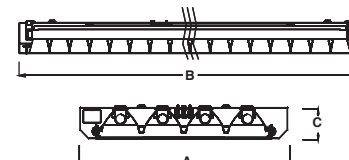
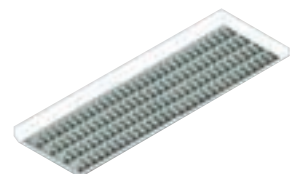
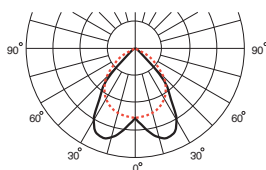
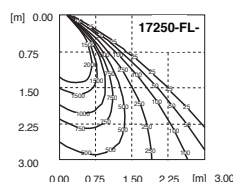
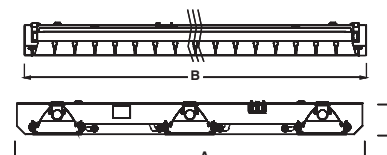
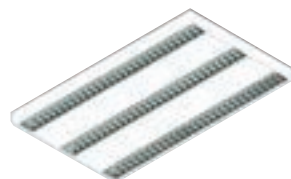
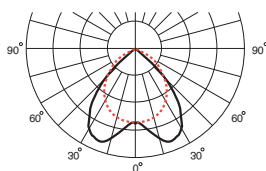
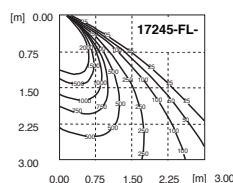
--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17240-FL-	20	A	B	C	Kg.	3x28		G 5
		296	1196	54	5.896	V.220 - 50 HZ	2400 -2750	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17245-FL-	20	A	B	C	Kg.	1+1+1X28		G 5
		596	1196	54	11.254	V.220 - 50 HZ	2400-2750	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17250-FL-	20	A	B	C	Kg.	4X28		G 5
		358	1196	54	6.582	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

FLUORESCENT LIGHTING

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

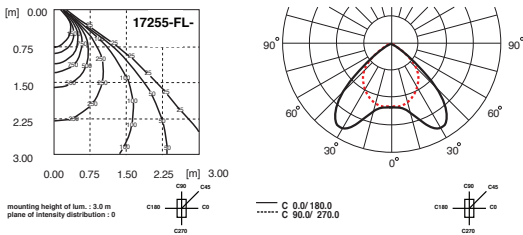
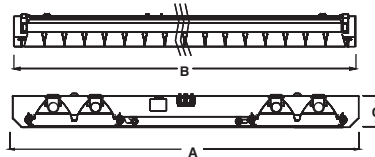
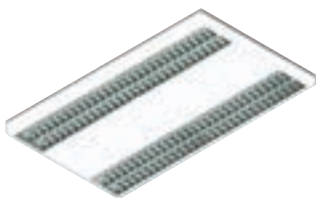
Versions of Recessed mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



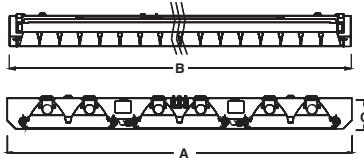
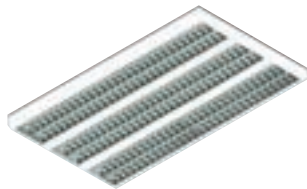
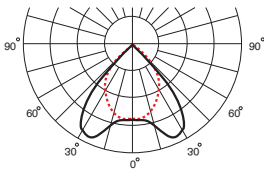
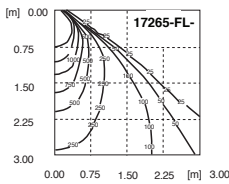
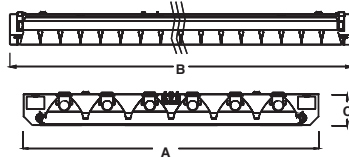
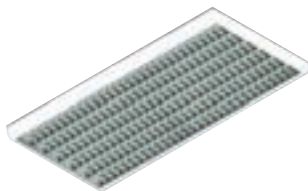
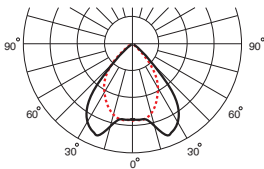
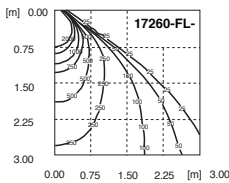
PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17255-FL-	20	A	B	C	Kg.	2+2 x 28		G 5
		596	1196	54	10.520	V.220 - 50 HZ	2400 - 2750	

Polar Isolux - Diagram

Luminous Intensity Distribution



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17260-FL-	20	A	B	C	Kg.	6X28		G 5
		504	1196	54	9.914	V.220 - 50 HZ	2400 - 2750	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17265 -FL-	20	A	B	C	Kg.	2+2+2X28		G 5
		596	1196	54	10.749	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

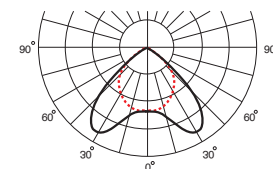
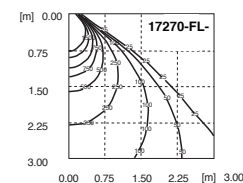
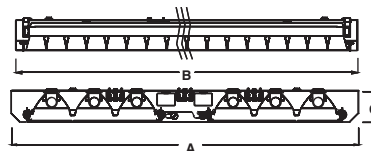
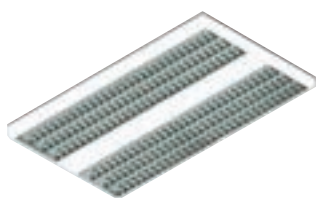
Versions of Surface mounted fluorescent luminaires .

Body: made of cold rolled steel treated and painted with electrostatic powder coating.

Reflector: high mirror pure aluminium anodized.



PRODUCT APPLICATION



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



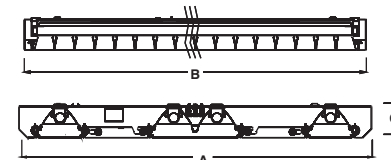
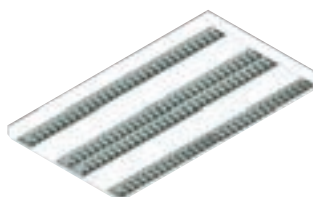
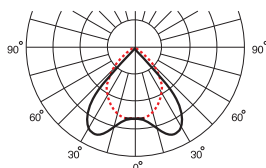
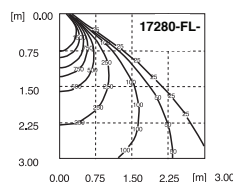
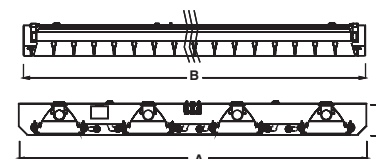
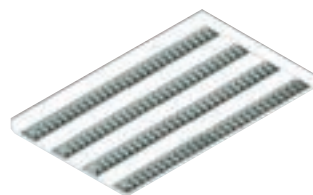
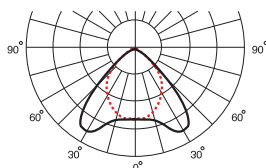
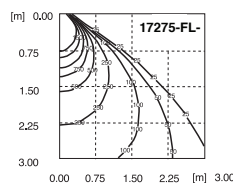
--- C 0.0/ 180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17270-FL-	20	A	B	C	Kg.	3+3x28		G 5
		596	1196	54	10.409	V.220 - 50 HZ	2400 -2750	

Polar Isolux - Diagram

Luminous Intensity Distribution



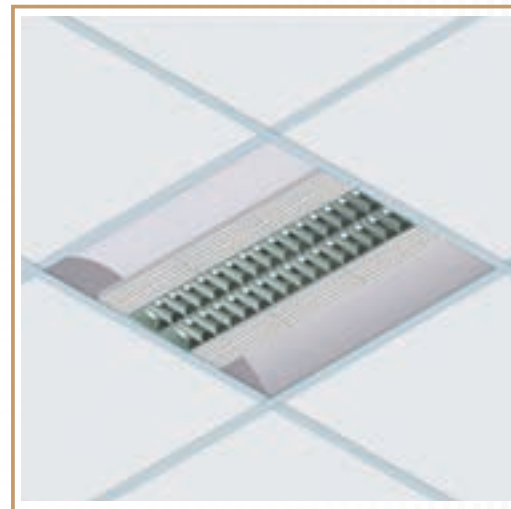
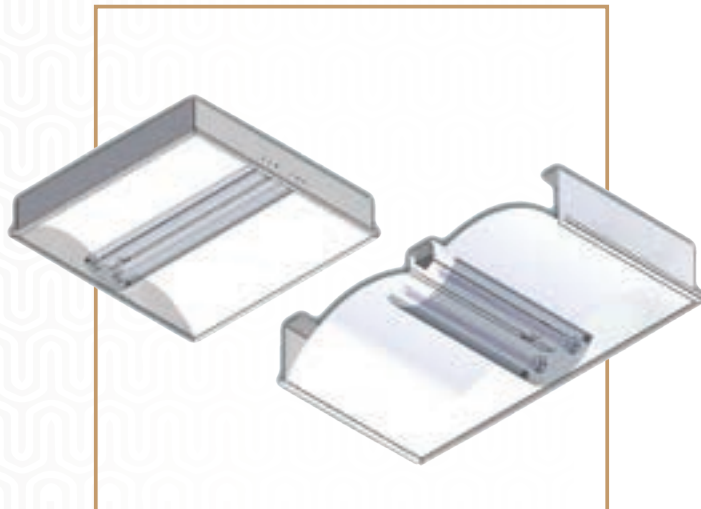
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17275-FL-	20	A	B	C	Kg.	1+1+1X28		G 5
		596	1196	54	10.837	V.220 - 50 HZ	2400-2750	

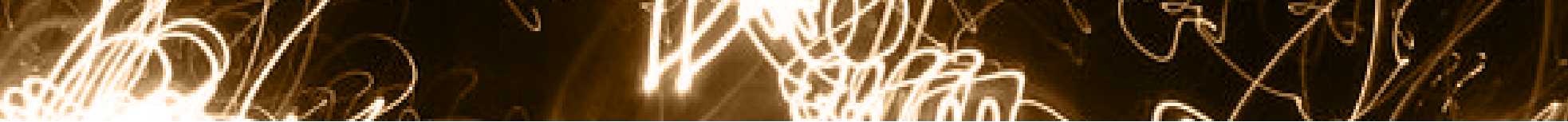
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
17280-FL-	20	A	B	C	Kg.	1+2+1X28		G 5
		596	1196	54	10.755	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

FLUORESCENT LIGHTING

INDIRECT LIGHTING





Lighting Fixtures Indirect and direct are suitable especially for mounting into ceiling grids.

- **Reflector:** louvre mirror for direct light.
- **Body:** made of cold rolled steel treated and painted with electrostatic powder coating.
- **Application:** Indirect, direct lighting systems are best suited to offices, Banks, classrooms, entrance halls and retail

FLUORESCENT LIGHTING

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

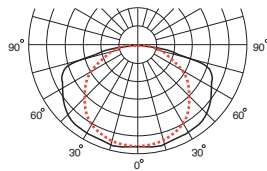
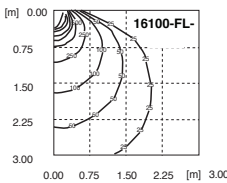
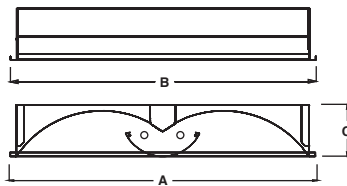
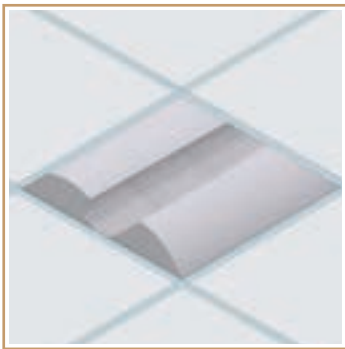
Lighting fixtures indirect and direct are suitable especially For mounting into ceiling grids.

Body: made of cold rolled steel treated and painted with Electrostatic powder coating.

Reflector: louvre mirror for direct light.



PRODUCT APPLICATION



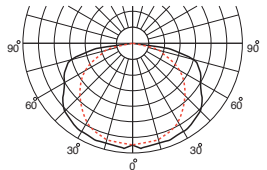
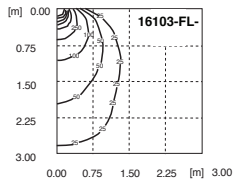
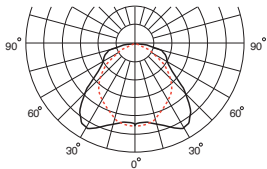
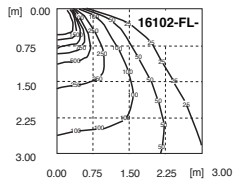
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



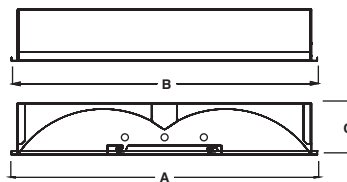
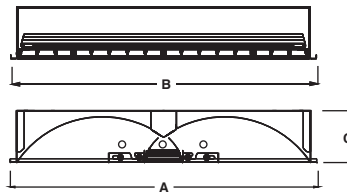
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
16100-FL-	20	A	B	C	Kg.	2 x 14		G 5
		595	595	101	4.509	V.220 - 50 HZ	1100 - 1300	

Polar Isolux - Diagram

Luminous Intensity Distribution



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
16102-FL-	20	A	B	C	Kg.	(2x1)X14		G 5
		595	595	101	5.490	V.220 - 50 HZ	1100 - 1300	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
16103 -FL-	20	A	B	C	Kg.	3x14		G 5
		595	595	101	5.490	V.220 - 50 HZ	1100-1300	

* Available in LED Lamps

RECESSED MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

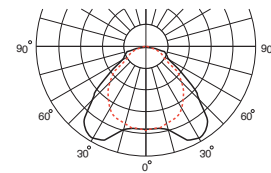
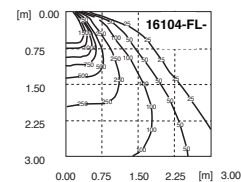
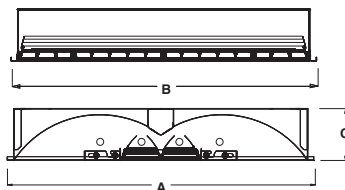
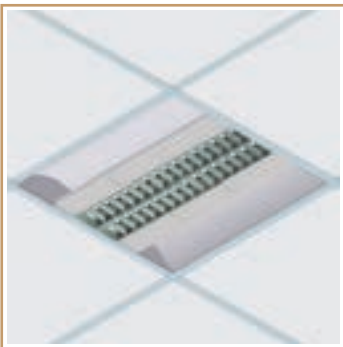
Lighting fixtures indirect and direct are suitable especially For mounting into ceiling grids.

Body: made of cold rolled steel treated and painted with Electrostatic powder coating.

Reflector: louvre mirror for direct light.



PRODUCT APPLICATION



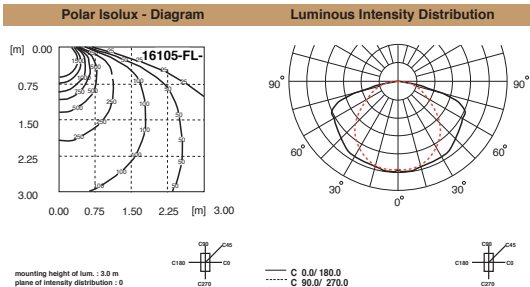
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/ 270.0



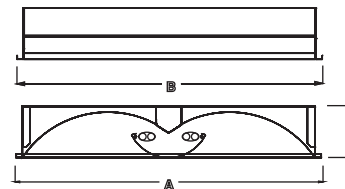
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
16104-FL-	20	A	B	C	Kg.	(2x2)x14		G 5
		595	595	101	5.6	V.220 - 50 HZ	1100 -1300	



mounting height of lum. : 3.0 m
plane of intensity distribution : 0



--- C 0.0/180.0
--- C 90.0/ 270.0



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
16105-FL-	20	A	B	C	Kg.	2x55		2G 11
		595	595	101	5.319	V.220 - 50 HZ	4800	

* Available in LED Lamps

FLUORESCENT LIGHTING

HOSPITAL FLUORESCENT LIGHTING

PRODUCT DESCRIPTION

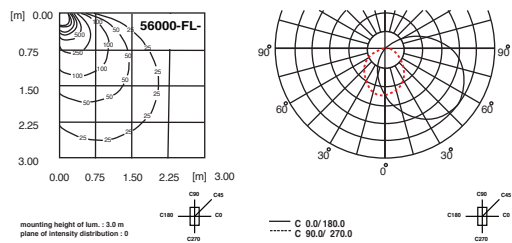
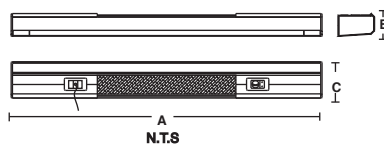
Bed head unit for patients room in hospitals

Body: made of profiles of extruded aluminium treated and painted with electrostatic powder coating .

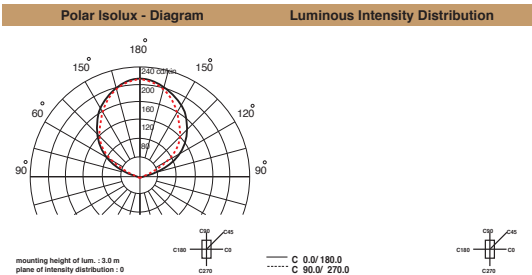
Diffuser: the upper part is made of transparent acrylic and the lower part is made of polycarbonate .



PRODUCT APPLICATION

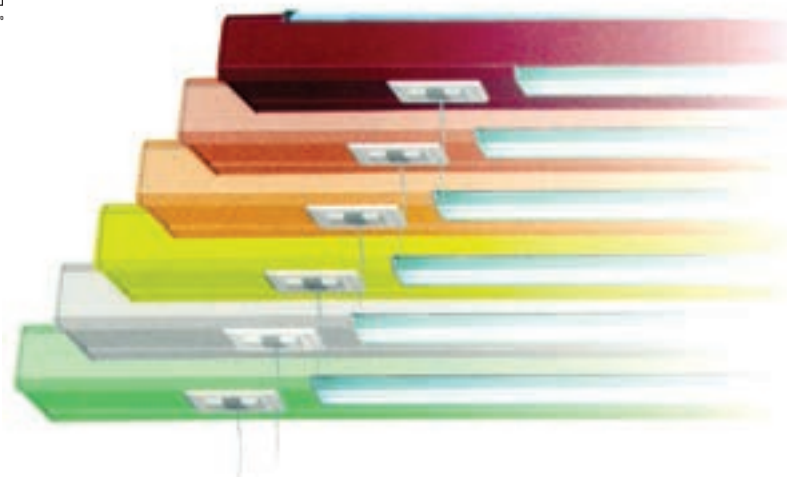


Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
		A	B	C				
56000-FL-	40	1400	102	163	7.8	1x18 - 1x36 V.220 - 50 HZ	1050 - 1350 2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
56010-FL-	40	A	B	C	Kg.	2X18 V.220 - 50 HZ	1050 - 1350	G 13
		1400	102	163	3			

* Available in LED Lamps



Colors

co.code	29
RAL	3005
co.code	14
RAL	2212
co.code	13
RAL	2211
co.code	07
RAL	1018
co.code	01
RAL	9010
co.code	10
RAL	6019

PRODUCT APPLICATION



STANDARD SOCKET
(2P10/16A) بريزة أحادي

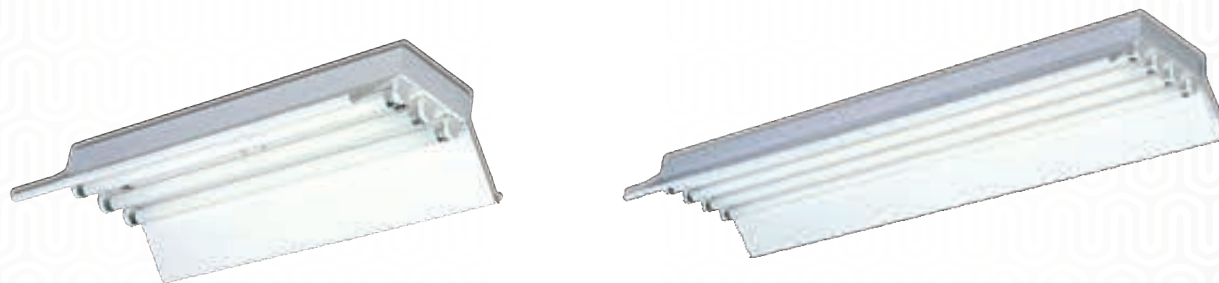


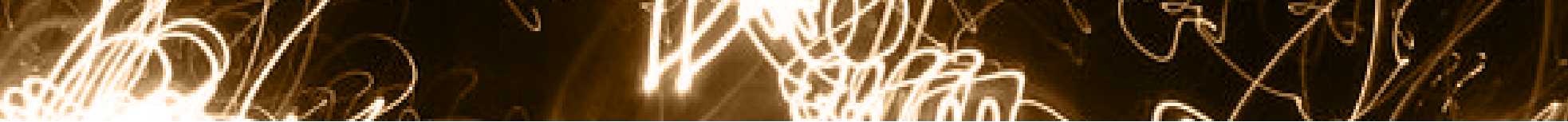
لمبة بيان
Signaling lamp



FLUORESCENT LIGHTING

INDUSTRIAL FLUORESCENT SYSTEM LIGHTING





3Brothers industrial lighting is distinguished with simplicity in its concept and are easy to install and maintenance.

- **Body:** made of cold rolled steel treated and painted with electrostatic powder coating.

High efficiency reflector with output ratio.

- Saving energy.

- Available with electronic ballast, upon request.

- Available with emergency mode upon request.

- Can be supplied with all mounting accessories.

- **Application:** factories - warehouses - schools
assembly rooms etc ...

FLUORESCENT LIGHTING

SURFACE OR SUSPENDED LUMINAIRES

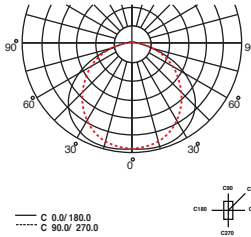
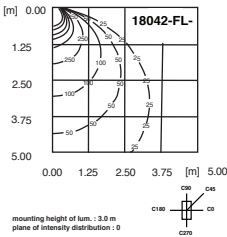
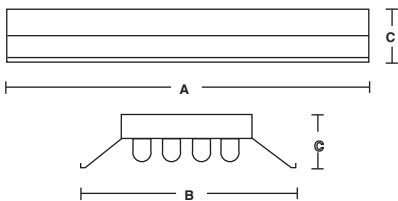
PRODUCT DESCRIPTION

Versions of Surface or suspended fixtures for industrial and workshops.

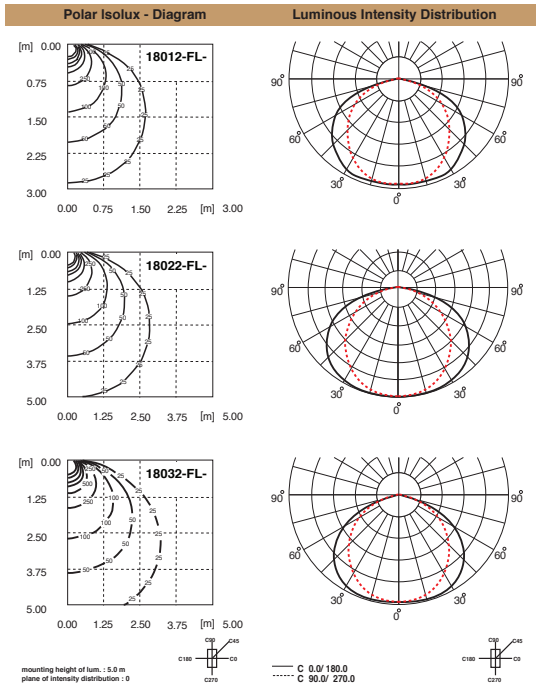
Body and Reflector: made of cold rolled steel treated and painted with electrostatic powder coating



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18042-FL-	20	A	B	C	Kg.	4 x18		G 13
		625	380	95	3.5	V.220 - 50 HZ		



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18012-FL-	20	A	B	C	Kg.	1x18		G 13
		625	200	95	2	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18022-FL-	20	A	B	C	Kg.	2X18		G 13
		625	250	95	2.5	V.220 - 50 HZ		

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18032-FL-	20	A	B	C	Kg.	3x18		G 13
		625	325	95	3	V.220 - 50 HZ		

* Available in LED Lamps

SURFACE OR SUSPENDED LUMINAIRES

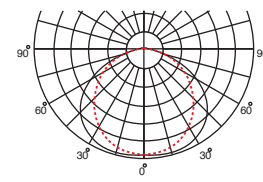
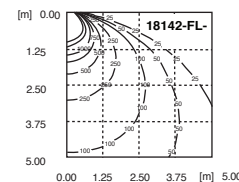
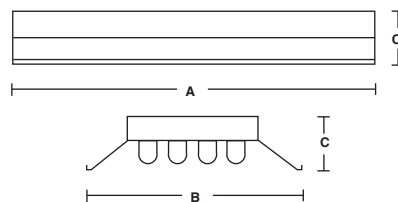
PRODUCT DESCRIPTION

Versions of Surface or suspended fixtures for industrial and workshops.

Body and Reflector: made of cold rolled steel treated and painted with electrostatic powder coating



PRODUCT APPLICATION



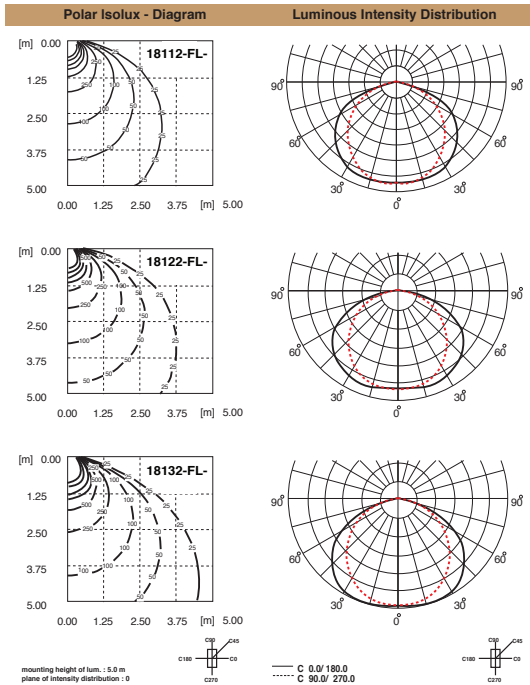
mounting height of lum. : 3.0 m
plane of intensity distribution : 0



— C 0.0°/ 180.0
- - - C 90.0°/ 270.0



Art No.	IP	Dimensions in mm			Weight Kg.	WATT	Lamp LM	BASE
		A	B	C				
18142-FL-	20	1235	380	95	7	V.220 - 50 HZ	2300-3350	G 13



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18112-FL-	20	A	B	C	Kg.	1x36		G 13
		1235	200	95	3.9	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18122-FL-	20	A	B	C	Kg.	2X36		G 13
		1235	250	95	4.9	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
18132-FL-	20	A	B	C	Kg.	3x36		G 13
		1235	325	95	5.9	V.220 - 50 HZ	2300-3350	

* Available in LED Lamps

SURFACE MOUNTED LUMINAIRES T5

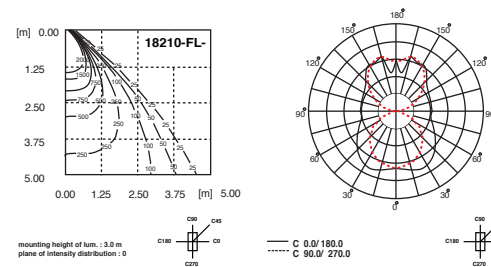
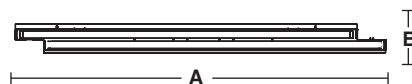
PRODUCT DESCRIPTION

Surface mounted fluorescent luminaires for cove lighting

Body: made of cold rolled steel treated and painted with electrostatic powder coating.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm		Weight	WATT	Lamp LM	BASE
18210-FL-	20	A	B	Kg.	1x14		G 13
		578	85	3.4	V.220 - 50 HZ	1100-1300	

Art No.	IP	Dimensions in mm		Weight	WATT	Lamp LM	BASE
18211-FL-	20	A	B	Kg.	2x14		G 13
		660	95	1.5	V.220 - 50 HZ	1100-1300	

Art No.	IP	Dimensions in mm		Weight	WATT	Lamp LM	BASE
18212-FL-	20	A	B	Kg.	1X28		G 13
		1178	85	3.4	V.220 - 50 HZ	2400-2750	

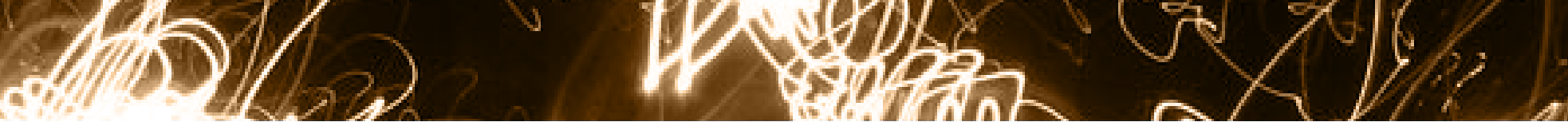
Art No.	IP	Dimensions in mm		Weight	WATT	Lamp LM	BASE
18213-FL-	20	A	B	Kg.	2x28		G 13
		1260	85	3.4	V.220 - 50 HZ	2400-2750	

* Available in LED Lamps

FLUORESCENT LIGHTING

DUST & WATER PROOF LIGHTING





3Brothers manufactures fittings which are able to guarantee the utmost reliability and quality together with maximum efficiency in light output and can be used with complete safety in any application for which they are designed.

The fitting has many advantages such as:

- **Body:** Made of noncorrosive, moisture and acid resistant polycarbonate.
- **Diffuser:** Made of Polycarbonate.
- Typical to standard (IEC 598) 138, 138-1.
- Contains two locks made of grey poly amide 6.6.
- The cable gland made of grey poly amide 6, completed with rubber gasket locked with high grey Pop-nut.

FLUORESCENT LIGHTING

SURFACE OR SUSPENDED LUMINAIRES

PRODUCT DESCRIPTION

A decorative Dust, moisture and acid proof fixtures

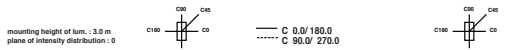
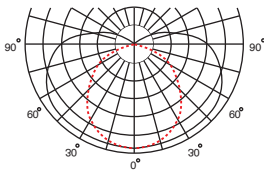
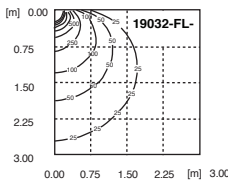
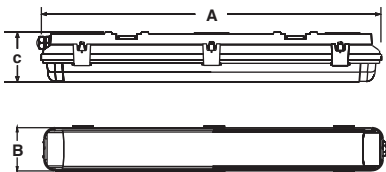
Body: made of noncorrosive, moisture and acid proof, sealing of pur foam.

Reflector: made of cold rolled steel sheets treated and painted with electrostatic powder coating.

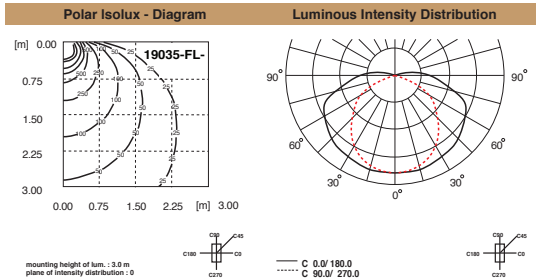
Diffuser: made of polycarbonate.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19032-FL-	65	A	B	C	Kg.	1x18		G 13
		662	86	97	1.5	V.220 - 50 HZ	1050 -1350	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19035-FL-	65	A	B	C	Kg.	2X18		G 13
		626	138	97	2.09	V.220 - 50 HZ	1050 -1350	

* Available in LED Lamps

SURFACE OR SUSPENDED LUMINAIRES

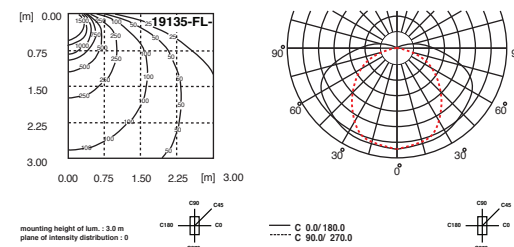
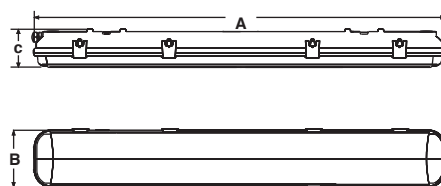
PRODUCT DESCRIPTION

Surface mounted fluorescent luminaires for cove lighting

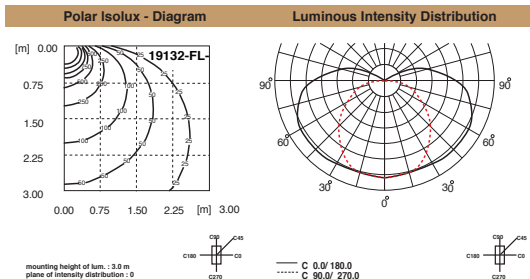
Body: made of cold rolled steel treated and painted with electrostatic powder coating.



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19135-FL-	65	A	B	C	Kg.	2x36		G 13
		1272	140	97	3.8	V.220 - 50 HZ	2300-3350	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19132-FL-	65	A	B	C	Kg.	1X36		G 13
		1272	85	97	2.4	V.220 - 50 HZ	2300-3350	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19142-FL-	65	A	B	C	Kg.	1X58		G 13
		1272	153	124	3.3	V.220 - 50 HZ	2300-3800	

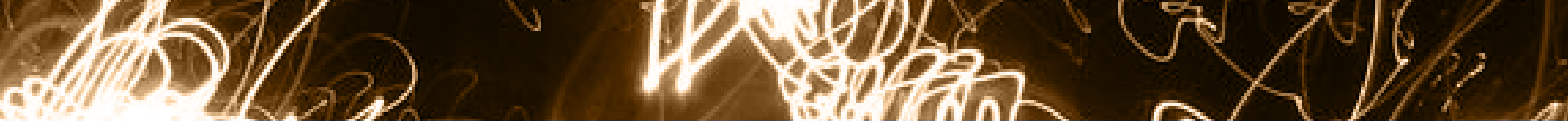
Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
19145-FL-	65	A	B	C	Kg.	2X58		G 13
		1272	153	124	3.3	V.220 - 50 HZ	2300-3800	

* Available in LED Lamps

FLUORESCENT LIGHTING

COMPACT FLUORESCENT LIGHTING





The new system using compact luminaires for compact single ended tubes offer architects, lighting planners and users many lighting design opportunities.

There are many advantages in this type of tubes:

- Lamps are available in equivalent light output ratings to GLS lamps.
 - Saving energy.
 - Long life time (on average 8000 hours).
 - No need for using starters since it includes starter.
 - Smaller and lighter compared with equivalent other type of lamps
 - System design for wide range of lux.
 - Emitting different color of light available in a warm, white and cool, other colors in commercial use.
 - Application for different, various type of luminaire.
 - Suitable for entrance Halls, Corridors, Showrooms, Hospitals , Hotels, Restaurants, etc.
- * Then compact fluorescent, lamps in luminaire type, a very wide variety of lighting duties can be covered,since excellent lighting engineering design plus an attractive appearance permit diffused lighting with variable luminaire arrangements.

FLUORESCENT LIGHTING

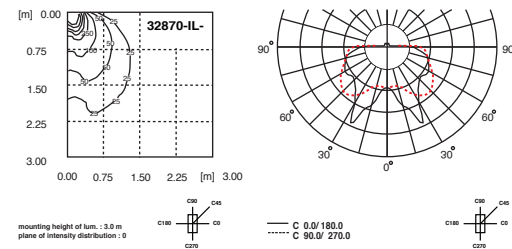
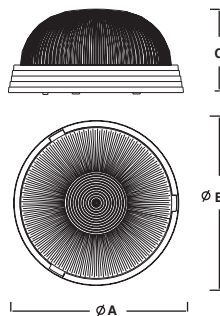
SURFACE MOUNTED LUMINAIRES

PRODUCT DESCRIPTION

Versions of Surface or wall square fluorescent luminaires

Body: made of injection moulded polycarbonate

Diffuser: made of injection moulded opal polycarbonat



Art No.	IP	Dimensions in mm			Weight Kg.	LAMP  60 W 220 V	BASE E27
		A	B	C			
32870-IL-	44	Ø 240	Ø 240	115	1.3		

* Available in LED Lamps

SURFACE OR SUSPENDED LUMINAIRES

PRODUCT DESCRIPTION

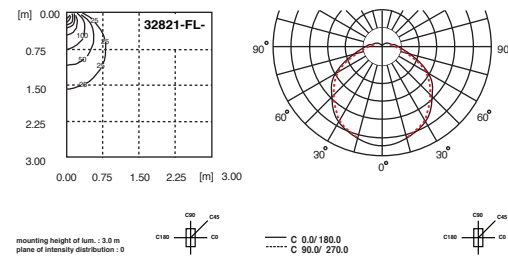
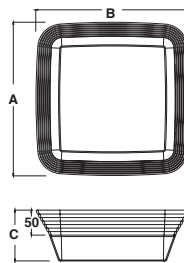
Versions of Surface or wall square fluorescent luminaires

Body: made of injection moulded polycarbonate

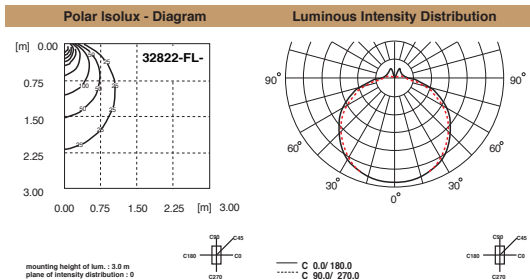
Diffuser: made of injection moulded opal polycarbonat



PRODUCT APPLICATION



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
32821-FL-	44	A	B	C	Kg.	1x9		G 23
		308	308	102	1.3	V.220 - 50 HZ	600	



Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
32822-FL-	44	A	B	C	Kg.	2X9		G 23
		308	308	102	1.6	V.220 - 50 HZ	600	

Art No.	IP	Dimensions in mm			Weight	WATT	Lamp LM	BASE
32821-IL-	44	A	B	C	Kg.	1X60		G 27
		308	308	102	1.01	V.220 - 50 HZ	710	

* Available in LED Lamps

FLUORESCENT LIGHTING

EMERGENCY SYSTEM LIGHTING



EMERGENCY LIGHTING

PRODUCT DESCRIPTION

An extremely attractive and versatile range of directional signs designed and manufactured to the highest standards with the slim line design .

Body : made of steel sheet or extruded aluminium treated and painted with elctrostatic powder coating .

Application : All indoor locations, Hospitals, Hotels, Factoriesetc.



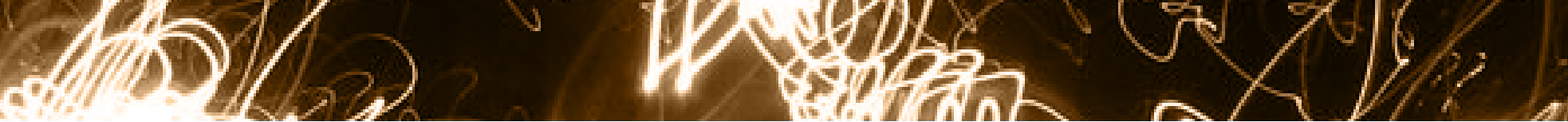
PRODUCT APPLICATION



Art No.	IP	
44100-FL- Charger + Battery	40	One - slided
44105-FL- Ballast only	40	One - slided

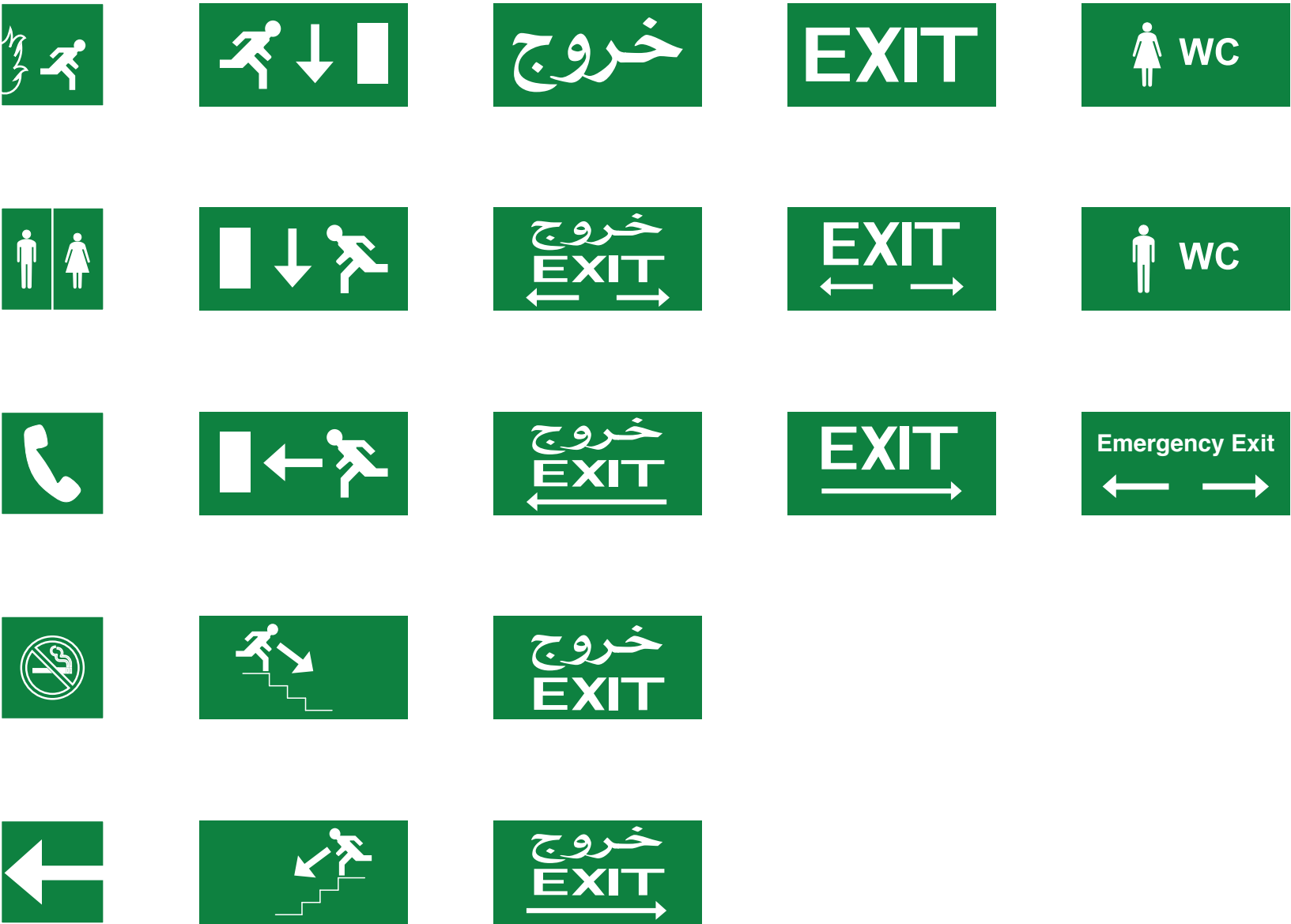


Art No.	IP	
44200-FL- Charger + Battery	20	Two - slided
44205-FL- Ballast only	20	Two - slided



LEGEND PANELS :

A wide range of Exit legend and hotel signage is available the standard color is green letters on a white background and vice - versa.



3BROTHERS

BIG, BRILLIANT, BRIGHT

Cairo Head Office : 21 El Mahed El Eshtarki St., Roxy Cairo, Egypt.

☎ (02) 22571798 - 24527944 📠 (02) 22587966

Maadi Showroom : Shop No(7-B) Building No: 7/2 Elnasr St,
Elshatr Eltasee - El Maadi El Gedida, Cairo. ☎ (02) 25176402 - 25176403

Alexandria Office & Showroom : 16 El Akbal St, Loran

☎ (03) 3584802 - 3584810 - 3584804 📠 (03) 3584804

Hurghada Showroom : 3094 Nasr St, Hurghada, Red Sea.

☎ (065) 3555893 - 3555894

10 Th Of Ramadan Showroom : El Masria Center (2)

☎ (0554) 381608 📠 (0554) 381608

Factory No 1 : Industrial Area (A1) 10th of Ramadan , Egypt P.O Box 233

☎ (0554) 410242-43 📠 (0554) 410241

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