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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, Edypt PO Box 233 (0554) 410242-43 (0554) 410241

Factory No 1: Industrial Area (A1) 10th of Ramadan, Egypt P.O Box 233 (0554) 410242-43 (0554) 410241

Factory No 2: Industrial Area (A4) 10th of Ramadan, Egypt Block 129,130,131 (0554) 332171-75 (0554) 332172-3-4 info@3-brothers.com



LED CATALOGUE 2019
www.3-brothers.com



#### **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**

**3 Brothers** 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:

**3 Brothers** 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.



#### Labs

3Brothers guarantees that all its luminaires are tested according to the latest standards and with the highest technology equipment. All our products are tested twice, once at our accredited labs to ensure no low quality products are on the manufacturing line, then we test at ELTM "Egyptian Lab for Technical Measurements" which is accredited by the EGAC with (ISO/IES 17025:2005) which enables us to have a 3rd party testing lab to ensure our quality is always more than the standards.









#### **3Brothers Families**





# Indoor

Add a decorative dimension to your interior architecture. Using Die-cast aluminum housing with the most efficient optical solutions and latest LED and driver technology, we offer the interior designers and architects a huge range of high quality, minimum glare indoor luminaries to give you the best experience you need from your lighting units.

# Our range includes:

- Downlights
- Task lighting
- Surface mounted





# STAR OOR

#### PRODUCT DESCRIPTION

Star is a spot light, particularly small dimension with shallow mounting depth, easy to install using classic holes.

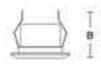
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

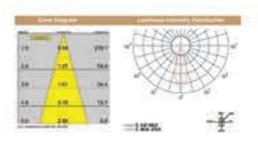
Suspension: Recessed











Art No.												Initial LM	
70000 DI	40	Α	В	C	g.								
73090-PL-	40	Ø 40	33		36	32 mm	1 W	3000	80	Power	83	140	30
70004 DI	40	Α	В	С	g.	00		5000				150	
73091-PL-	40	Ø 40	33		36	32 mm	1 W	5000	70	Power	83	150	30

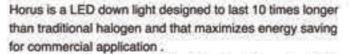
<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

<sup>\*</sup>The Electrical components kit size is larger than the ceiling opening  $\bigcirc \hspace{-0.4cm} \bigcirc \hspace{-0.4cm} \emptyset$  dimensions.



# HORUS

#### PRODUCT DESCRIPTION

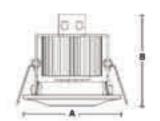


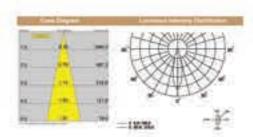
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

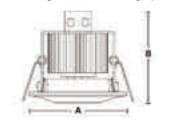
Art No.	ΙP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73000-PL-	40	Α	В	С	g.		4 W			3535		420	
/3000-PL-	40	Ø74	62		270	62 mm	4 VV	3000	75	3333	90	420	24
70000 DI	40	Α	В	С	g.	62 mm	4 W	4000			90	435	
73003-PL-	40	Ø74	62		270	62IIIII	4 W	4000	75	3535	90	435	24
7000E DI	40	Α	В	С	g.			F000		0505		450	
73005-PL-	40	Ø74	62		270	62 mm	4 W	5000	75	3535	90	430	24

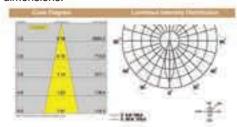
<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

<sup>\*</sup>The Electrical components kit size is larger than the ceiling opening 

ø
dimensions.







Art No.	ΙP	Dime	ensions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73306-PL-	40	Α	В	С	g.					3535		045	
/3300-PL-	40	Ø74	62		270	62 mm	7 W	3000	75	3535	90	615	24
70000 DI	40	Α	В	С	g.	62 mm		4000			90	630	
73308-PL-	40	Ø74	62		270	02111111	7 W	4000	75	3535	90	630	24
70010 DI	1	Α	В	С	g.							0.45	
73310-PL-	40	Ø74	62		270	62 mm	7 W	5000	75	3535	90	645	24

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

<sup>\*</sup>The Electrical components kit size is larger than the ceiling opening 

ø
dimensions.



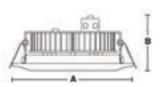
Horus is a LED down light designed to last 10 times longer than traditional halogen and that maximizes energy saving for commercial application.

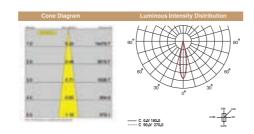
Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed





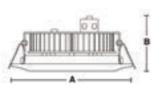


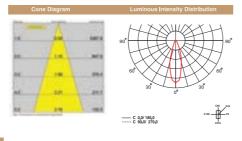


Art No.	IP	Dime	nsions I	n mm	weight	®ø	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
72010 DI	40	Α	В	С	g.	440	12 W			0505		4000	
73010-PL-	40	Ø 138	62		546	116 mm	12 W	3000	75	3535	91	1260	18
70040 DI	40	Α	В	С	g.	440	40.111	4000		3535		1305	
73013-PL-	40	Ø 138	62		546	116 mm	12 W	4000	75	3333	91	1305	18
70045 DI	40	Α	В	С	g.	116 mm		5000	75	3535	91	1350	18
73015-PL-	40	Ø 138	62		546	11011111	12 W	3000	13	3335	91	1350	18

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IP	Dime	ensions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73318-PL-		Α	В	С	g.								
/3310-PL-	40	Ø 138	62		546	116 mm	17 W	3000	75	3535	91	1845	32
73319-PL-	40												
13319-FL-	40	Ø 138	62		546	116 mm	17 W	4000	75	3535	91	1890	32
70000 DI						440	47.14			0505		4005	
73320-PL-	40	Ø 138	62		546	116 mm	17 W	5000	75	3535	91	1935	32

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

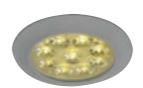
# **HORUS**

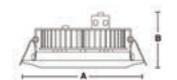
#### PRODUCT **DESCRIPTION**

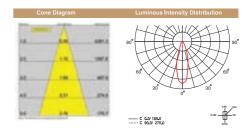
Horus is a LED down light designed to last 10 times longer than traditional halogen and that maximizes energy saving for commercial application.

**Material:** Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

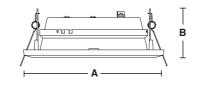
Art No.	ΙP	Dime	ensions I	n mm	weight	Φø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
72201 DI	40	Α	В	С	g.								
73321-PL-	40	Ø 138	72		546	116 mm	24 W	3000	75	3535	91	2385	32
70000 DI	40	Α	В	С	g.								
73322-PL-	40	Ø 138	72		546	116 mm	24 W	4000	75	3535	91	2430	32
70000 DI		Α	В	С	g.								
73323-PL-	40	Ø 138	72		546	116 mm	24 W	5000	75	3535	91	2475	32

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

# INNOVA







Cor	ne Diagram	Luminous Intensity Distribution
5.0 2.0	2 277 701.5 4.54 102.4 5.62 77.8	90° 90° 90°
5.0 Side The Europaeve is o	11.96 28.1 ushidati 4th Typerna-Cf	— C 0.0/180.0 — C 90.0/270.0

Art No.						⊕ ø						Initial LM	
7004E DI	40	Α	В	С	g.								
73045-PL-	40	Ø 194	69		546	175 mm	20 W	4000	84	3014	67	1790	110

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.





Diamond is a LED down light that provides high performance for commercial and residential applications.

Diamond delivers higher efficacy and longer life than

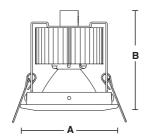
compact lamps.

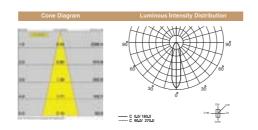
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

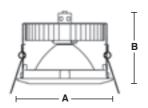
Art No.	IΡ	Dime	nsions <b>l</b>	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70000 DI		А	В	С	g.	87 mm	a w	3000	80	СОВ	85	680	24
73020-PL-	20	Ø 95	97		384	07 111111	0 11	0000	00	005	00	000	24
70000 PI		Α	В	С	g.	87 mm	8 W	5000	80	СОВ	85	700	24
73022-PL-	20	Ø 95	97		384					- /-	"	"	"

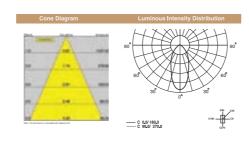
\*Emergency kit is available for all codes by adding EM to the end of the Art No.

\*The Electrical components kit size is larger than the ceiling opening 

ø
dimensions.







Art No.	IΡ	Dime	nsions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70000 DI	54	Α	В	С	g.	138 mm	15 W	3000	80	СОВ	65	1450	45
73030-PL-	54	Ø147	103		751	100111111		0000	00	OOD	00	1450	45
70000 DI	EA	Α	В	С	g.	138 mm	15 W	5000	80	СОВ	65	1500	45
73032-PL-	54	Ø147	103		751		**	5500	- 50	000	"	.550	

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

## DIAMOND

#### PRODUCT **DESCRIPTION**

Diamond is a LED down light that provides high performance for commercial and residential applications.

Diamond delivers higher efficacy and longer life than compact lamps.

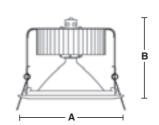
Material: Made of die cast Aluminium treated and painted

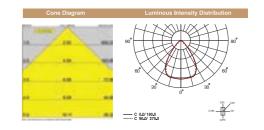
with electrostatic powder coating.

Diffuser: Made of safety and tempered glass.

Suspension: Recessed





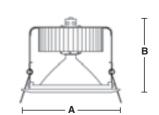


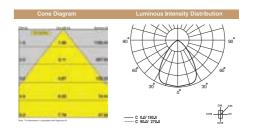
PRODUCT APPLICATION

Art No.			ensions I									Initial LM	
7000E DI	54	А	В	С	g.								
73035-PL-	34	Ø185	125		983	165 mm	20 W	3000	80	COB	69	2000	90
73037-PL-	54	Α	В	С	g.								
/303/-PL-	34	Ø185	125		983	165 mm	20 W	5000	80	COB	69	2040	90

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Ang <b>l</b> e
72040 DI	54	А	В	С	g.								
73040-PL-	54	Ø185	125		983	165 mm	30 W	3000	80	COB	64	3000	76
73042-PL-	54	Α	В	С	g.	405				000			7.0
73042-PL-	34	Ø185	125		983	165 mm	30 W	5000	80	COB	64	3060	76

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

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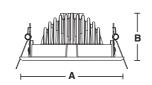
Diamond is a LED movable down light in different directions that provides high performance for commercial and residential applications. Diamond delivers higher efficacy and longer life than compact lamps.

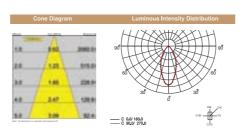
Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed





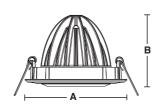


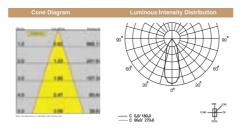


Art No.	IΡ	Dime	ensions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70400 DI	-4	А	В	С	g.								
73100-PL-	54	ø185	86		954	157 mm	15 W	3000	80	COB	54	1450	45
7040E DI	54	Α	В	С	g.		45.11			000	Ī.,	4500	
73105-PL-	34	Ø185	86		954	157 mm	15 W	5000	80	COB	54	1500	45

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IΡ	Dime	nsions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Ang <b>l</b> e
70440 DI	54	Α	В	С	kg.								
73110-PL-		ø120	86		1.05	109 mm	8 W	3000	80	COB	63	680	36
7044E DI	54	Α	В	С	kg.								
73115-PL-		ø120	86		1.05	109 mm	8 W	5000	80	COB	63	700	36

\*Emergency kit is available for all codes by adding  ${\bf EM}$  to the end of the Art No.

## **DIAMOND II**

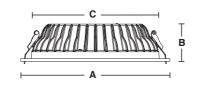
#### PRODUCT **DESCRIPTION**

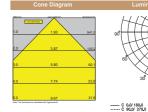
Diamond II is a LED down light that provides high performance for commercial and residential applications. Diamond II delivers higher efficacy and longer life than compact lamps.

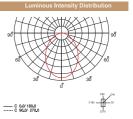
Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed









PRODUCT APPLICATION

	Art No.	ΙP	Dime	nsions I	n mm	weight	Φø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
	72027 DI	ΕA	Α	В	С	kg.		00.147			000		4000	
L	73027-PL-	54	Ø241	62	206	1.45	210 mm	20 W	3000	80	COB	59	1930	88
Г	70000 DI	F4	А	В	С	kg.								
L	73029-PL-	54	Ø241	62	206	1.45	210 mm	20 W	5000	80	COB	59	2060	88

	Art No.	IP	Dime	nsions I	n mm	weight	⊕ ø	WATT	CCT	CRI	LED	LOR	LM	Angle
	72024 DI	E4	А	В	С	kg.		05.14			000			
L	73031-PL-	54	Ø <sub>241</sub>	62	206	1.45	210 mm	25 W	3000	80	COB	59	2744	88
	70004 DI	- A	А	В	С	kg.								
L	73034-PL-	54	Ø <sub>241</sub>	62	206	1.45	210 mm	25 W	5000	80	COB	59	2915	88

Art No.		Dime			weight	① Ø						Initial LM	Angle
72026 DI	E4	Α	В	С	kg.					000		0045	
73036-PL-	54	ø <sub>241</sub>	62	206	1.45	210 mm	30 W	3000	80	COB	59	3315	88
70000 DI	F.4	А	В	С	kg.								
73039-PL-	54	ø <sub>241</sub>	62	206	1.45	210 mm	30 W	5000	80	COB	59	3530	88

	Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Ang <b>l</b> e
	70044 DI	F 4	А	В	С	kg.	040	40.111			000			0.5
L	73041-PL-	54	ø <sub>241</sub>	62	206	1.45	210 mm	42 W	3000	80	COB	66	3600	85
	70044 DI	F 4	А	В	С	kg.	040	40.111			000			0.5
	73044-PL-	54	Ø <sub>241</sub>	62	206	1.45	210 mm	42 W	5000	80	COB	66	3792	85



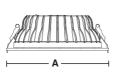


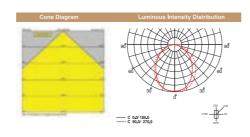
New Diamond is a LED down light in different directions that provides high performance for commercial and residential applications. New Diamond delivers higher efficacy and longer life than compact lamps.

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

Art No.	ΙΡ	Dime	nsions I	n mm	weight	① ø	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
73050-PL-	54	A Ø 195	B 73	С	g. 952	175 mm	20 W	3000	83	сов	77	2302	81
		φ 195 A	73 B	С	-				$\vdash$				
73051-PL-	54	Ø 195	73		g. 952	175 mm	20 W	5000	83	СОВ	77	2450	81
720E2 DI	- 4	Α	В	С	g.	175 mm	20 W	4000	83	сов	77	2430	81
73052-PL-	54	Ø195	73		952	175 mm	20 W	4000	00	СОВ	"	2430	01
73053-PL-	- 4	А	В	С	g.	175 mm	15 W	3000	83	сов	77	1351	81
73053-PL-	54	Ø195	73		952	175 mm	15 **	3000	00	СОВ	<i>''</i>	1331	01
73054-PL-	E4	Α	В	С	g.	175 mm	15 W	5000	83	сов	77	1500	81
73034-PL-	54	Ø195	73		952	17311111	15 11	3000	00	005		1300	0.
73055-PL-	54	Α	В	С	g.	175 mm	15 W	4000	83	сов	77	1466	81
73033-PL-	54	Ø195	73		952	17511111			-	002			
73350-PL-	54	Α	В	С	g.	175 mm	20 W	3000	83	DOB	77	1800	94
/3350-PL-	54	Ø195	73		952	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
73351-PL-	54	Α	В	С	g.	175 mm	20 W	5000	83	DOB	77	2000	94
73331-PL-	34	Ø195	73		952								
73352-PL-	54	Α	В	С	g.	175 mm	20 W	4000	83	DOB	77	1900	94
/3332-PL-	34	Ø195	73		952								
73360-PL-	54	А	В	С	g.	175 mm	15 W	3000	83	DOB	77	1351	94
7 0000-F L-	34	Ø195	73		952								
73365-PL-	54	А	В	С	g.	175 mm	10 W	3000	83	DOB	77	900	94
13303-PL-	54	Ø195	73		952								

<sup>\*</sup>Emergency kit is available for all codes by adding EM to the end of the Art No.

#### **DIAMOND II**

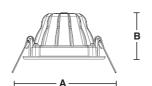
#### PRODUCT **DESCRIPTION**

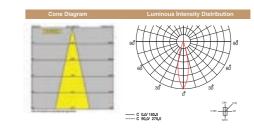
New Diamond is a LED down light in different directions that provides high performance for commercial and residential applications. New Diamond delivers higher efficacy and longer life than compact lamps.

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

Art No.	IΡ	Dime	ensions I	n mm	weight	Φø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70040 DI	54	Α	В	С	g.	92 mm	8 W	3000	83	сов	83	679	24
73340-PL-	54	Ø102	57		207	32 111111	8 W	3000	83	СОВ	83	6/9	24
70044 DI	- 4	Α	В	С	g.								
73341-PL-	54	Ø102	57		207	92 mm	8 W	5000	83	СОВ	83	735	24
70040 DI	F.4	Α	В	С	g.	92 mm					I		
73342-PL-	54	Ø102	57		207	92 111111	8 W	4000	83	СОВ	83	720	24



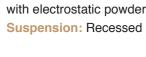




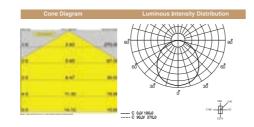
Alpha is a LED down light that provides high performance for commercial and residential applications.

Alpha delivers higher efficacy and longer life than compact

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.





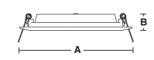


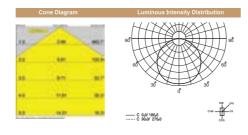
PRODUCT APPLICATION

Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70400 DI	40	А	В	С	g.		40.111						
73130-PL-	40	Ø147	36		536	140 mm	10 W	3000	80	2835	54	1815	110
73135-PL-	40	Α	В	С	g.		40.111			2005	Ī.,	4005	440
/3135-PL-	40	Ø147	36		536	140 mm	10 W	5000	80	2835	54	1925	110

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73140-PL-	40	Α	В	С	g.	163 mm	20 W	3000	90	2835	54	2700	110
/3140-PL-	Ť	Ø185	29		600	103 11111	20 W	3000	00	2000	34	2700	110
70445 DI	40	Α	В	С	g.	163 mm	20 W	5000	80	2835	54	2850	110
73145-PL-	40	Ø185	29		600	103 11111	20 W	3000	00	2000	34	2030	110

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

# D.O.B

#### PRODUCT **DESCRIPTION**

D.O.B is a LED down light provides high that performance for commercial and residential applications.

Diamond delivers higher efficacy and longer life than compact lamps.

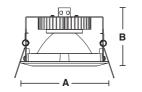
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

Diffuser: Made of safety and tempered glass.

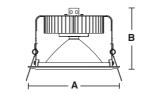
Suspension: Recessed





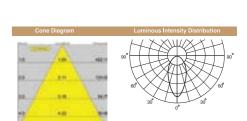
Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73151-PL-	54	Α	В	С	g.	400	40.14					000	
13131-PL-	34	Ø 147	99		600	138 mm	10 W	3000	80	DOB	56	900	55
73156-PL-		Α	В	С	g.	138 mm				DOD		4000	
/3130-PL-	54	Ø 147	99		600	138 11111	10 W	5000	80	DOB	56	1000	55
73161-PL-	F.4	Α	В	С	g.								
/3101-PL-	54	Ø 147	99		600	138 mm	15 W	3000	80	DOB	60	1350	55
72166 DI		Α	В	С	g.	400				DOD		4500	
73166-PL-	54	Ø 147	99		600	138 mm	15 W	5000	80	DOB	60	1500	55

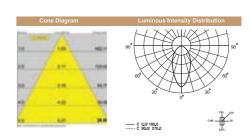


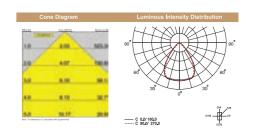


Art No.	IP	Dime	nsions I	n mm	weight	① Ø	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
70474 DI	54	Α	В	С	g.		00.144					4000	
73171-PL-	54	Ø 185	125		650	165 mm	20 W	3000	80	DOB	66	1800	91
70476 DI	F 4	Α	В	С	g.	165 mm	00.144	5000		DOB	66	2000	
73176-PL-	54	Ø 185	125		650	100111111	20 W	5000	80	DOB	00	2000	91
70470 DI		Α	В	С	g.	165 mm	30 W	3000	80	DOB	83	3000	87
73172-PL-		Ø 185	125		650	10011111	30 W	3000	80	DOB	03	3000	87
70470 DI		Α	В	С	g.	165 mm	00.141	5000		DOD	00	3200	0.7
73173-PL-		Ø 185	125		650	IIIIIII	30 W	5000	80	DOB	83	3200	87











Uno is a spot light with a particularly small dimension with shallow mounting depth, easy to install using classic holes.

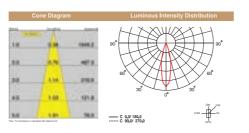
Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Recessed









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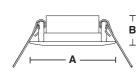
Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Ang <b>l</b> e
7000E DI	40	Α	В	С	g.			7.	0505			
73325-PL-	40	Ø 52	25		140	4:7	3000	75	3535	90	420:615	24
Pi	40	А	В	С	g.				3535			
73326-PL- <sup>40</sup>	40	Ø 52	25		140	4:7	5000	75	3333	90	450:645	24

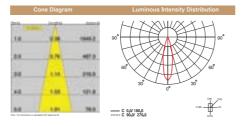
\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.

\*The Electrical components kit size is larger than the ceiling opening 

ø
dimensions.



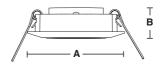


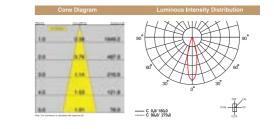


Art No.	IΡ	Dime	ensions I	n mm	weight	① ø	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
Pi	40	Α	В	С	g.			l					
73330-PL-	40	Ø 78	27		170	68 mm	4 W	3000	75	3535	90	420	24
70004 DI	40	Α	В	С	g.					3535			
73331-PL-	40	Ø 78	27		170	68 mm	4 W	5000	75	3333	90	450	24
70000 DI	40	Α	В	С	g.		l	l					
73332-PL-	40	Ø 78	27		170	68 mm	7 W	3000	75	3535	90	615	24
70000 DI	40	А	В	С	g.					3535			
73333-PL-	40	Ø 78	27		170	68 mm	7 W	5000	75	3333	90	645	24

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IP	Dime	ensions I	n mm	weight	① ø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73335-PL-	40	Α	В	С	g.					0505	l		
13333-PL-	40	Ø 85	27		270	77 mm	4 W	3000	75	3535	90	420	24
73336-PL-	40	Α	В	С	g.					3535	00		
/3330-PL-	40	Ø 85	27		270	77 mm	4 W	5000	75	3333	90	450	24
73337-PL-	40	Α	В	С	g.		l	l					
/333/-PL-	40	Ø 85	27		270	77 mm	7 W	3000	75	3535	90	615	24
72220 DI	40	Α	В	С	g.					3535			
73338-PL-	40	Ø 85	27		270	77 mm	7 W	5000	75	3335	90	645	24

<sup>\*</sup>Emergency kit is available for all codes by adding EM to the end of the Art No.

## CUBE-C

#### PRODUCT **DESCRIPTION**

Cube is a surface mounted luminarie filled with architectural design to meet the designers requirements with complete LED solution

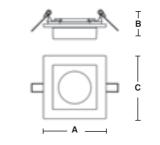
Suspension: Recessed

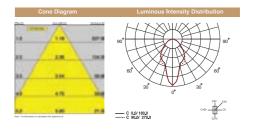
Material: Made of die cast Aluminium treated and painted with

electrostatic powder coating.









Art No.					weight	<b>①</b>						Initial LM	Angle
70400 BI	40	А	В	С	g.	404 404	45.11			0505			
73120-PL-	40	Ø115	54	115	385	104x104	15 W	3000	/5	3535	63	1435	61

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

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<sup>\*</sup>The Electrical components kit size is larger than the ceiling opening ① ø dimensions.

<sup>\*</sup>The Electrical components kit size is larger than the ceiling opening 

ø
ø
dimensions.



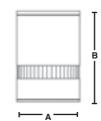


Rio is a high performance luminarie with single sided direct illumination for creative and practical building can be used in multiple unit installations or as a single piece accent.

Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating. Suspension: Surface mounted.





Art No.			nsions I							LOR	Initial LM	
73790-PL-	54	А	В	С	kg.						4000	4.0
13130-PL-	54	Ø120	182		1.46	12 W	3000	75	3535	81	1260	18
72701 DI	F.4	Α	В	С	kg.						4050	4.0
73791-PL-	54	Ø120	182		1.46	12 W	5000	75	3535	81	1350	18





l l	2.0	-/-
	2.0	10
	**	1 11
<b>⊢</b> _ A − − − 1	8.0	11
Initia		

Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73795-PL-	E4	А	В	С	g.	~			0505		700	
13133-PL-	54	Ø92	138		814	7 W	3000	75	3535	87	700	23
72706 DI	F.4	Α	В	С	g.	- 14/			0505		750	
73796-PL-	54	Ø92	138		814	7 W	5000	75	3535	87	750	23



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

# **DECO**

#### PRODUCT **DESCRIPTION**

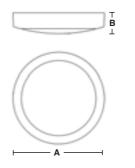
Deco is a smart decorative lighting luminarie that can be seamlessly integrated throughout a site in either wall or ceiling-mounting.

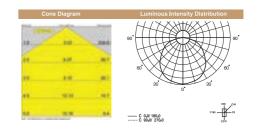
Material: Made of injection moulded polycarbonate.

Suspension: Surface mounted.









Art No.	ΙP	Dime	nsions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
72760 DI	E4	А	В	С	g.					4.0		440
73760-PL-	54	Ø 275	63		820	8 W	3000	80	2835	46	1400	116
72765 DI	54	Α	В	С	g.						4505	116
73765-PL-	54	Ø 275	63		820	8 W	5000	80	2835	46	1535	116



 $\sim$  23

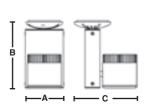


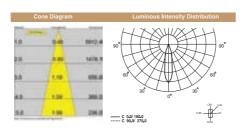
Rio is a surface mounted luminarie filled with architectural design to meet the designers requirements with complete LED solution

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Rio-A is surface mounted.
Suspension: Rio-B is track mounted.





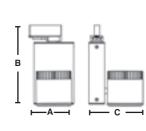


PRODUCT APPLICATION

Art No.												Initial LM	
73830-PL-	40	А	В	С	g.	15W	3000	75	0:1	000	0.4		
/303U-PL-	40	Ø 101	180	167	960	1011	0000	13	Single	COB	81	1450	18
72025 DI	40	Α	В	С	g.	30W	3000	75	Double	СОВ			18
73835-PL- 40	40	Ø 101	180	167	960	3000	3000	/5	2 Spot	COB	81	2900	18

# RIO-B





	Cone Diagram		Luminous Intensity Distribution
18.		100 A 100 A 100 A	60
42	120	369.0	30, 0, 30,
54	159	296.0	— C 0.0/180.0 C100 C100

Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	TYPE	LED	LOR	Initial LM	Angle
73820-PL-	40	А	В	С	kg.	15W	3000	75	0:1	000			40
73020-PL-	40	114	200	137	1.15		0000	/ 5	Single	COB	81	1450	18
73825-PL-	40	Α	В	С	kg.	30W	3000	75	Double	СОВ			18
73023-PL-	40	114	200	137	1.15	3000	3000	/5	2 Spot	СОВ	81	2900	10

# RIO-DOB

#### PRODUCT **DESCRIPTION**

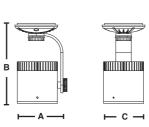
Rio is a surface mounted luminarie filled with architectural design to meet the designers requirements with complete LED solution.

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Surface mounted.







1.0 0.70 2517.1 2.0 1.41 629.3
3.0 2.11 279.7 4.0 2.81 157.3 5.0 3.52 100.7

Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73850-PI -	40	А	В	С	g.							
/3030-PL-	40	117	179	97	900	14 W	4000	80	DOB	81	1485	39



 $(24) \qquad (25)$ 





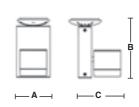
Cube is a surface mounted luminarie filled with architectural design to meet the designers requirements with complete LED solution

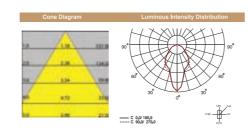
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

Suspension: Square-A is surface mounted. Suspension: Square-B is track mounted.





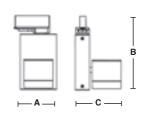


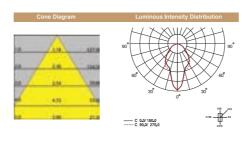
PRODUCT APPLICATION

Art No.			ensions I		weight							Initial LM	Ang <b>l</b> e	
73810-PL-	40	А	В	С	g.	15W	3000	75						
/3010-PL-	40	Ø 101	178	154	980	1511	3000	//3	Single	3535	63	1435	61	
7201E DI	40	Α	В	С	g.	2014	2000	75	Double				C4	
73815-PL-	40	Ø 101	178	154	980	30W	30W 3000		/5	2 Spot	3535	63	2870	61

## **CUBE-B**







Art No.		Dime			weight							Initial LM	Angle
72000 DI	40	А	В	С	g.	15W	3000	75	0				
73800-PL-	40	Ø 115	199	128	980	15		13	Single	3535	63	1435	61
7200E DI	40	А	В	С	g.	30W	3000	75	Double				61
73805-PL-	40	Ø 115	199	128	980	SUVV	3000	/5	2 Spot	3535	63	2870	01

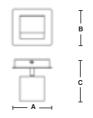
# CUBE-W

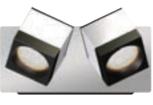
#### PRODUCT **DESCRIPTION**

Cube is a wall mounted luminarie filled with architectural design to meet the designers requirements with complete LED solution Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Wall mounted.



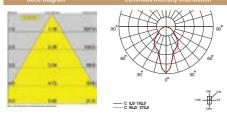






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Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Ang <b>l</b> e
70551 DI	40	А	В	С	g.	45.14			0505			
73551-PL-	40	145	120	136	796	15 W	3000	75	3535	63	1435	61
73552-PL-	40	Α	В	С	kg.	00.144		7.5	0505		0070	
73332-PL-	40	140	260	120	1.59	30 W	3000	75	3535	63	2870	61

## PRODUCT APPLICATION

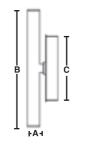
## SILMOOR PRODUCT **DESCRIPTION**

Slim is a wall mounted luminaire in an elegant and simple design to meet the designers requirements with complete LED solution

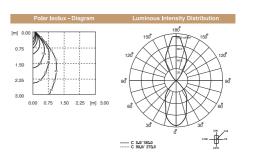
Material: Made of Aluminium treated and painted with electrostatic powder coating.

Suspension: Wall mounted.





Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73540-PL-		А	В	С	g.	8 W	3000	80				
73340-PL-	20	Ø 32	307	168	300	"	3000	00	COB	66	680	57
73545-PL-	20	Α	В	С	g.	8 W	5000	80			700	57
73343-PL-	20	Ø 32	307	168	300	O VV	3000	80	COB	66	700	57



## **Emergency LED Lighting**

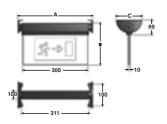
#### PRODUCT **DESCRIPTION**

E-sign is a series to comply building fire codes and insurance standards. It uses less than 2 watts of power with back up battery for 3 hours

Material: Made of injection moulded acrylic.

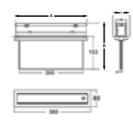
Suspension: Surface mounted and recessed.





Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	Color	CRI	LED	Initia LM
70015-GC-	40	Α	В	С	kg.				Low	120
/0015-GC-	40	345	193	120	1.6	1.5 W	Green	80	Low Power	120





Art No.										Initi LN
70050-GC-	40	Α	В	С	kg.				Low	
10050-GC-	40	334	216	80	1.5	1.5 W	Green	80	Low Power	12

# Hå

#### PRODUCT APPLICATION

## **Emergency LED Lighting**

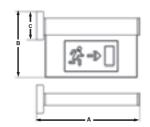
#### PRODUCT **DESCRIPTION**

E-sign is a series to comply building fire codes and insurance standards. It uses less than 2 watts of power with back up battery for 3 hours

Material: Made of injection moulded acrylic.

Suspension: Surface mounted and recessed.





Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	Color	CRI	LED	Initia LM
70115-GC-	40	Α	В	С	kg.				Low	
/0115-GC-	40	336	214	93	1.6	1.5 W	Green	80	Power	120

# Symbols









PRODUCT APPLICATION















# **Panel Lighting**

Creating pleasant spaces that are well lit in a soft and gentle way with uniform surface of light, thanks to the advanced LED technology that we use, glare free homogenous well lit environment can now be obtained without any compromise in the quality of light with more than 50% energy saving.





## **STAR LED PANEL**

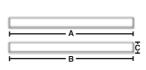
#### PRODUCT **DESCRIPTION**

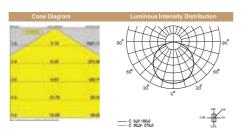
Star is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

Material: Made of cold rolled steel treated and painted with electrostatic powder coating.

Suspension: Recessed





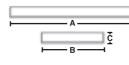


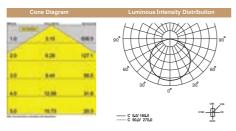
PRODUCT APPLICATION

Art No.	IΡ	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
77070 DI	54	Α	В	С	kg.	Opal		5000		5000		5000	
77070-PL-	34	595	595	70	5.95	Ораг	40 W	5000	80	5630	80	5280	114
77074 DI		А	В	С	kg.	Onal			l	5630		4880	
77071-PL-	54	595	595	70	5.95	Opal 40	40 W	3000	80	3030	80	4000	114
77000 DI	F.4	А	В	С	kg.	Opal   40 W	1,,,,,	5000	80 56	5630	84	5316	114
77090-PL-	90-PL-   54				5.95		3000	00	3030	54	3316	114	

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







	Art No.	IΡ	Dime	ensions I	n mm	weight	Diffuser	WATT	CCT	CRI	LED	LOR	Initial LM	Ang <b>l</b> e	
	7707E DI	ΕA	А	В	С	kg.	Opal						0040		
	77075-PL- 77076-PL-	54	595	295	70	3.3	Ораг	20 W	5000	80	5630	80	2640	114	
		F4	А	В	С	kg.	Opal		200	, 3000	l	5630		2440	l
		54	595	295	70	3.3		Opal 20 W	20 W 30		80	3630	80	2440	114

## **STAR LED PANEL**

#### PRODUCT **DESCRIPTION**



Star is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver

a smooth illumination without any visible spots

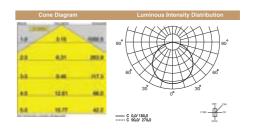
Material: Made of cold rolled steel treated and painted with

electrostatic powder coating.

Suspension: Recessed



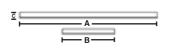


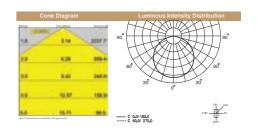


1	Art No.	IΡ	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
7700	NO DI	54	Α	В	С	kg.	Opal				5000		5000	
7708	30-PL-	34	1195	295	70	4.9	Ораі	40 W	5000	80	5630	80	5280	114
7700	14 BI	54	Α	В	С	kg.	Opal		0000		5630		4880	
7708	31-PL-	54	1195	295	70	4.9	Ораг	40 W	3000	80	3030	80	4000	114

<sup>\*</sup>Emergency kit is available for all codes by adding EM to the end of the Art No.







Art No.	IΡ	Dime	nsions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
Pi	54	Α	В	С	kg.	Opal				5000			
77085-PL-	54	1195	595	70	10.5	Ораг	80 W	5000	80	5630	80	10560	114
77000 BI	F4	Α	В	С	kg.	Opal		3000		5630		9760	
77086-PL-	54	1195	595	70	10.5	Ораг	80 W	3000	80	3030	80	9760	114

<sup>\*</sup>Emergency kit is available for all codes by adding EM to the end of the Art No.

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#### **PRO LED PANEL**

#### PRODUCT **DESCRIPTION**

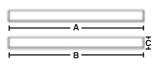
Pro is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

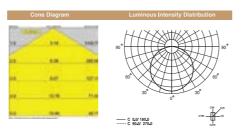
Material: Made of cold rolled steel treated and painted with

electrostatic powder coating.

Suspension: Recessed





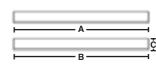


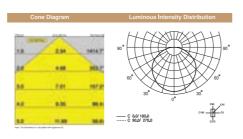
PRODUCT APPLICATION

Art No.	IΡ	Dime	ensions I	n mm	weight	Diffuser	WATT	CCT	CRI	LED	LOR	Initial LM	Angl
77111-PL-	44	Α	В	С	kg.	Opal				0005		4050	
//	44	595	595	51	5.5	Ораі	36 W	5700	80	2835	80	4050	117
77116 DI	44	А	В	С	kg.	Prismatic		-700		2835		4000	
77116-PL-	44	595	595	51	5.5	Prismatic	36 W	5700	80	2033	84	4000	116

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.	IP	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
77121-PL-	44	А	В	С	kg.	Opal						4000	
//  Z -FL-	44	595	595	51	5.5	Ораі	42 W	5700	80	2835	80	4380	116
77126-PL-	44	А	В	С	kg.	Driamatia		-700		2835	.,	4380	
// 120-PL-	44	595	595	51	5.5	Prismatic	42 W	5700	80	2000	84	4300	116

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

## **PRO LED PANEL**

#### PRODUCT **DESCRIPTION**

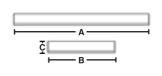
Pro is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

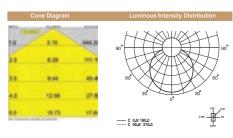
Material: Made of cold rolled steel treated and painted with

electrostatic powder coating.

Suspension: Recessed





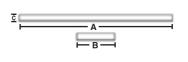


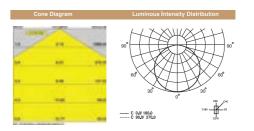
PRODUCT APPLICATION

Art No.	ΙP	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
77464 DI	44	Α	В	С	kg.	Opal				0005			
77161-PL-	44	595	295	51	3.1	Ораі	18 W	5700	80	2835	80	2000	115

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.







Art No.					weight							Initial LM	Angle
77404 DI	44	Α	В	С	kg.	Opal				2005		4050	
77181-PL-	44	1195	295	51	4.9	Ораі	36 W	5/00	80	2835	80	4050	115

<sup>\*</sup>Emergency kit is available for all codes by adding **EM** to the end of the Art No.

The way



Pro is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

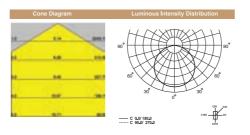
Material: Made of cold rolled steel treated and painted with

electrostatic powder coating.

Suspension: Recessed







PRODUCT APPLICATION

Art No.	IP	Dime	nsions <b>I</b>	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
77171-PL-	44	Α	В	С	kg.	01				2005			
//1/1-PL-	44	1195	595	51	10.5	Opal	72 W	5700	80	2835	80	8000	115

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.



## **PRO LED PANEL**

#### PRODUCT **DESCRIPTION**

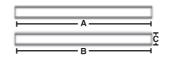
Pro is a collection of LED light panels designed for residential and commercial application to deliver a smooth illumination without any visible spots

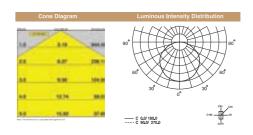
**Material:** Made of cold rolled steel treated and painted with electrostatic powder coating.

Suspension: Surface mounted





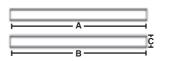


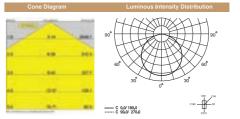


Art No.	IP	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Ang <b>l</b>
77502-PL-	43	Α	В	С	kg.	Opal	60x60	2000		0005		3800	116
11302-PL-	43	595	595	53	4.5	Ораі	36 W	3000	80	2835	80	3800	116
77502 DI	42	А	В	С	kg.	Opal	60x60	F700		2835	80	4000	116
77503-PL-	43	595	595	53	4.5	Ораі	36 W	5700	80	2000	80	4000	1116
77522-PL-	43	Α	В	С	kg.	Opal	30x60			0005		4000	
11322-PL-	43	595	295	53	4.5	Ораг	18 W	3000	80	2835	80	1900	116
77500 DI	40	А	В	С	kg.	Opal	30x60			2835			
77523-PL-	43	595	295	53	4.5	Ораг	18 W	5700	80	2000	80	2000	116

\*Emergency kit is available for all codes by adding **EM** to the end of the Art No.







	Art No.	IP	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
7	7542-PL-	43	Α	В	С	kg.	Opal	60x120			0005	l	7000	115
•	7342-FL-	43	1195	595	53	4.5	Ораі	72 W	3000	80	2835	80	7600	115
7	7543-PL-	42	А	В	С	kg.	Opal	60x120			2835	80	8000	115
-	7543-PL-	43	1195	595	53	4.5	Opai	72 W	5700	80	2033	80	8000	115
_	7560 DI	43	А	В	С	kg.	Opal	30x120						
<i>'</i>	7562-PL-	43	1195	295	53	4.5	Ораі	36 W	3000	80	2835	80	3800	115
7	7560 DI	43	А	В	С	kg.	Opal	30x120			2835		4000	445
-	7563-PL-	43	1195	295	53	4.5	Ораг	36 W	5700	80	2000	80	4000	115

<sup>\*</sup>Emergency kit is available for all codes by adding  ${\bf EM}$  to the end of the Art No.





Maria is a dustproof high impact linear luminaire.

It is ideal for industrial lighting applications where the

polycarbonate protects the fixture and is easy to service and clean

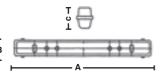
Material: Injection-molded polycarbonate.

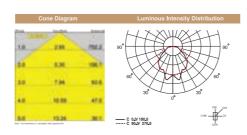
Diffuser: Injection-molded polycarbonate with external smooth

surface.

Suspension: Surface mounted





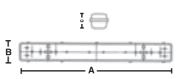


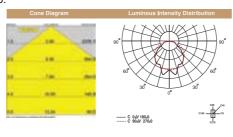
PRODUCT APPLICATION

Art No.		IP	Dime	ensions I	n mm	weight	Diffuser	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
77500 B		65	Α	В	С	kg.	Prismatic						1860	108
77590-P	L-	03	675	76	105	1.75	Prismauc	15 W	5000	80	3030	85	1860	108
77504 B		65	А	В	С	kg.	Prismatic	45.14	0000		3030	85	1720	108
77591-P	L-	00	675	76	105	1.75	1 Hamatic	15 W	3000	80	3030	85	1720	100
77740 B		65	Α	В	С	kg.	Prismatic	00.147				l	0500	400
77740-P	L-	03	660	84	94	1.75	riisiiidiic	20 W	4000	80	5630	90	2520	108
		GE	А	В	С	kg.	Deisensehie	45.14	4000		5630			400
77741-P	L-	65	660	84	94	1.75	Prismatic	15 W	4000	80	3030	90	1740	108

\*Emergency kit is available for all codes by adding EM to the end of the Art No.







Art No.	IΡ	Dime	ensions I	n mm	weight	Diffuser	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
77505 BI	65	Α	В	С	kg.	Driamatia						0700	400
77595-PL-	05	1276	153	124	3.1	Prismatic	30 W	5000	80	3030	84	3720	108
Di	65	Α	В	С	kg.					3030		3440	108
77596-PL-	00	1276	153	124	3.1	Prismatic	30 W	4000	80	3030	84	3440	108
	65	Α	В	С	kg.	Prismatic	40.11		l				
77745-PL-	05	1270	84	94	3.1	Prismauc	40 W	4000	80	5630	90	6960	106
	CE	Α	В	С	kg.	Prismatic				5630		0.450	400
77746-PL-	65	1270	84	94	3.1	Prismauc	30 W	4000	80	5630	90	3450	106

<sup>\*</sup>Emergency kit is available for all codes by adding EM to the end of the Art No.

# H-BAY

#### PRODUCT **DESCRIPTION**

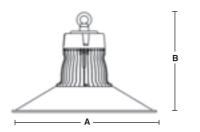
H-bay is a lighting luminaire designed to produce optimum illumination while providing specific light patterns for specific applications.

Material: Made of die-cast Aluminium treated and painted with electrostatic powder coating with high corrosion resistance.

Reflector: Made of pure anodized Aluminium.

Suspension: Surface mounted





Art No.		Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
76700-PL-	65	Α	В	С	kg.			70	0505			
/0/00-PL-	05	450	310		3	100 W	5000	70	3535	89	14000	104

PRODUCT APPLICATION

PRODUCT APPLICATION

# FRANK

#### PRODUCT **DESCRIPTION**

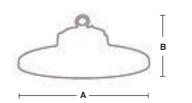
Frank is a lighting luminaire designed to produce optimum illumination while providing specific light patterns for specific applications.

Material: Made of die-cast Aluminium treated and painted with electrostatic powder coating with high corrosion resistance.

Lens: Made of safety and tempered glass.

Suspension: Surface mounted





1.0	3.21	9236.8	
2.0	6.43	2309.2	90°
3.0	9.64	1026.3	60 60
4.0	12.85	577.3	30 30
5.0	16.07	369.5	

Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
70740 DI	CE	Α	В	С	kg.				0000		00.404	
76710-PL-	65	450	210		6.6	200 W	6500	80	3030	95	28421	116
70744 DI	0.5	Α	В	С	kg.							
76711-PL-	65	450	210		6.6	120 W	6500	80	322	95	14400	120

# **Outdoor**

We are familiar with the extreme conditions outdoor luminaires are subject to. They are exposed to dirt, weather factors and extreme fluctuations in temperature. More than any other luminaires, they are required to withstand a high degree of physical stress. We ourselves have created the best technology and production processes to more than meet these requirements. Presenting a wide range of outdoor luminaires that meet all the landscape, hardscape designers and architects different needs and tastes to highlight their creative work







Mini-step is a step light that provides beauty, durability and performance with no visible fasteners to provide seamless integration with architectural styles

**Body**: Made of die-cast Aluminium treated and painted with electrostatic powder coating.

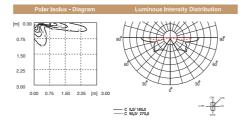
Recessed Body: Made of polycarbonate with high thermal and impact resistance.

Suspension: Recessed









PRODUCT APPLICATION

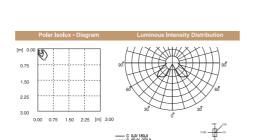
Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angl
74500 DI	65	Α	В	С	g.				_		Ī.
71520-PL-	05	57	37	57	79	1 W	3000	80	Power	140	
74500 DI	CE	Α	В	С	g.					150	
71522-PL-	65	57	37	57	70	1 W	5000	70	Power	150	







Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	Initial LM	Angle
74505 BI	65	Α	В	С	g.				_		
71525-PL-	05	57	44	57	88	1 W	3000	80	Power	140	-
74507 DI	65	Α	В	С	g.		5000		D	150	
71527-PL-	05	57	44	57	88	1 W	5000	/0	Power	130	



# H-STEP

#### PRODUCT **DESCRIPTION**

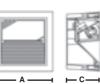
H-step is a step light that provides beauty, durability and performance with no visible fasteners to provide seamless integration with architectural styles

**Body**: Made of die-cast Aluminium treated and painted with electrostatic powder coating.

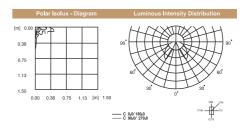
Recessed Body: Made of polycarbonate with high thermal and impact resistance.

Suspension: Recessed









PRODUCT APPLICATION

Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
	65	А	В	С	g.					400	
71516-PL-	00	130	74	74	556	4 W	3000	75	3535	420	-
74547 DI	C.F.	Α	В	С	g.		5000		3535	450	
71517-PL-	65	130	74	74	556	4 W	5000	75	3535	430	-



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## **REC-P STEP**

#### PRODUCT **DESCRIPTION**

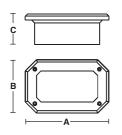
REC-p is a compliant recessed mounted step light. Provides beauty durability and performance, with no visible fasteners to provide seamless integration with architectural styles.

**Body**: Made of die-cast Aluminium treated and painted with electrostatic powder coating.

Lens: Made of clear or sandblasted glass.

Suspension: Recessed

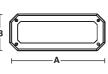




Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	An
71530-PL-	54	А	В	С	g.					400	Γ.
/ 1550-PL-	34	150	95	55	600	4 W	3000	80	Power	420	10
74504 DI	F4	А	В	С	g.					450	10
71531-PL-	54	150	95	55	600	4 W	5000	70	Power	430	10

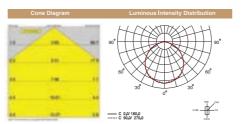


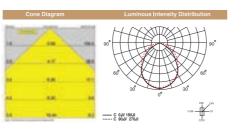




Art No.										Initial LM	
74505 DI	54	Α	В	С	kg.				_	500	
71535-PL-	34	305	116	65	1.8	5 W	3000	80	Power	560	93
71526 DI	54	Α	В	С	kg.		5000		D	600	93
71536-PL-	54	305	116	65	1.8	5 W	5000	70	Power	000	33







## REC STEP

#### PRODUCT **DESCRIPTION**

REC is a recessed mounted step light, Provides beauty durability and performance, with no visible fasteners to provide seamless integration with architectural styles. Its housing is constructed with aluminum with open face plates .

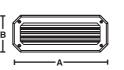
**Body**: Made of die-cast Aluminium treated and painted with electrostatic powder coating.

Lens: Made of clear or sandblasted glass.

Suspension: Recessed



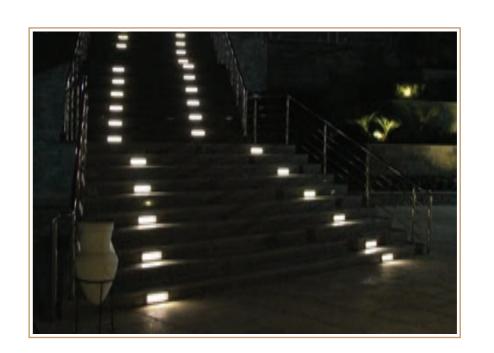




	Polar Isolux - Diagram	Luminous Intensity Distribution
[m] 0.00		H-XXXXXXX
0.75		96
1.50		60
2.25		
3.00	0.00 0.75 1.50 2.25 [m] 3.0	30 0 30
		C 0,0/180,0 C 90,0/ 270,0

PRODUCT APPLICATION

Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle	
74540 DI	54	Α	В	С	kg.				_			
71540-PL-	34	305	116	65	2	5 W	3000	80	Power	560	-	
74545 DI	F.4	Α	В	С	kg.					600		
71545-PL-	54	305	116	65	2	5 W	5000	70	Power	600	-	







Aurora is a range of inground up lights with round stainless steel ring for pedestrian areas.

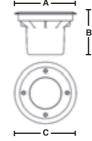
Main advantages are low glare and limited maintenance.

Body: Made of plastic polyamide. Face: Made of stainless steel.

Lens: Made of safety and tempered glass.

Suspension: Recessed





Art No.		Dime	nsions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
71080-PL-	67	Α	В	С	g.	4 14/	3000	75			0.45	
/1000-PL-	67	Ø90	63	Ø 90	300	4 W	3000	75	3535	90	345	10
74004 DI	67	Α	В	С	g.		5000				075	
71081-PL-	67	Ø 90	63	Ø90	300	4 W	5000	75	3535	90	375	10
71082-PL-	07	Α	В	С	g.	<b> </b>	4000	7.5			360	
/1002-PL-	67	Ø 90	63	Ø 90	300	4 W	4000	75	3535	90	300	10





Art No.											Initial LM	
71100-PL-	67	А	В	С	g.	7 W	0000	7.			495	4.0
71100-1 L-	07	Ø90	63	Ø 90	300	/ vv	3000	75	3535	90	495	10
		А	В	С	g.		4000					
71101-PL-	67	Ø90	63	Ø 90	300	7 W	4000	75	3535	90	510	10
74400 DI	67	А	В	С	g.		5000				525	4.0
71102-PL-	67	Ø90	63	Ø 90	300	7 W	5000	75	3535	90	525	10



# AURORA

#### PRODUCT **DESCRIPTION**

Aurora is a range of inground up lights with square stainless steel surface for pedestrian areas.

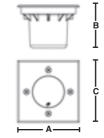
Main advantages are low glare and limited maintenance.

Body: Made of plastic polyamide.
Face: Made of stainless steel.

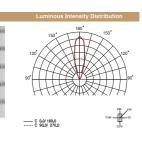
Lens: Made of safety and tempered glass.

Suspension: Recessed









PRODUCT APPLICATION

						F	- A-		1	l			
	Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
Γ	71083-PL-	67	Α	В	С	g.			7.	0505		0.45	
	/1003-PL-	07	90	63	90	350	4 W	3000	75	3535	90	345	10
Γ	71084-PL-	67	Α	В	С	g.		5000		3535	90	275	
	/1004-PL-	07	90	63	90	350	4 W	5000	75	3333	90	375	10







Aurora is a range of inground up lights with round stainless steel ring for pedestrian areas.

Main advantages are low glare and limited maintenance.

Body: Made of plastic polyamide. Face: Made of stainless steel.

Lens: Made of safety and tempered glass.

Suspension: Recessed





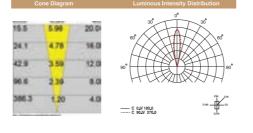


Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
74000 BI	67	Α	В	С	kg.	12 W					1035	
71090-PL-	07	Ø 200	123	Ø 200	2.3	12 W	3000	75	3535	85	1035	10
		Α	В	С	kg.						1125	10
71091-PL-	67	Ø 200	123	Ø 200	2.3	12 W	5000	75	3535	85	1123	10
71000 DI	67	Α	В	С	kg.		4000		2525	0.5	1080	
71092-PL-	0/	Ø 200	123	Ø 200	2.3	12 W	4000	75	3535	85	1080	10

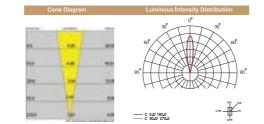




Art No.	IP	Dime	nsions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
74400 DI	67	Α	В	С	kg.	40.11		7.			4000	
71103-PL-	07	Ø 200	123	Ø 200	4.5	12 W	3000	75	3535	85	1260	20
71104 DI	67	Α	В	С	kg.	40.11			3535		4005	
71104-PL-	67	Ø 200	123	Ø 200	4.5	12 W	4000	75		85	1305	20
71105 DI	67	Α	В	С	kg.	40.11/	5000			0.5	1350	
71105-PL-	67	Ø 200	123	Ø 200	4.5	12 W	5000	75	3535	85	1330	20



PRODUCT APPLICATION



# AURORA

#### PRODUCT **DESCRIPTION**

Aurora is a range of inground up lights with round stainless steel ring for pedestrian areas.

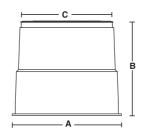
Main advantages are low glare and limited maintenance.

Body: Made of plastic polyamide.
Face: Made of stainless steel.

Lens: Made of safety and tempered glass.

Suspension: Recessed





Co	ne Diagram		Luminous Intensity Distribution
43.6	4.75	20.0	180° 150°
88.1	3.80	16.0	120
218	2.85	12.0	
272.3	1.00	8.0	90
1089.0	0.86	4,0	roe
			— C 0.0/180.0 C160

PRODUCT APPLICATION

Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
71050 DI	67	Α	В	С	kg.	00 W		1			4040	40
71050-PL-	07	Ø373	324	Ø315	6.7	20 W	3000	75	3535	85	1840	10
71051 DI	67	Α	В	С	kġ.	00.147	3000	7.		0.5	2640	
71051-PL-	67	Ø373	324	Ø315	6.7	30 W	3000	75	3535	85	2040	10
71055-PL-	67	Α	В	С	kg.					0.5	2000	
/1055-PL-	67	Ø373	324	Ø315	6.7	20 W	5000	75	3535	85	2000	10
74056 DI	67	Α	В	С	kg.				İ		0000	
71056-PL-	67	Ø373	324	Ø315	6.7	30 W	5000	75	3535	85	2800	10







Kios is a range of inground up light with cover option for pedestrian areas. Main advantages are low glare and limited maintenance

Body: Made of plastic polyamide.
Face: Made of stainless steel.

Glass: Opal.

Suspension: Recessed.

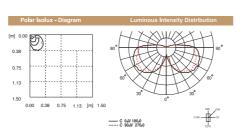


71085-PL-

71086-PL-

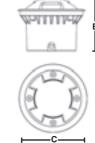


<u></u>								
weight	WATT	ССТ	CRI	LED	Initial LM	Angle		
g.	4 W	3000	75	3535	428	_		
300	- W		, ,	0000	720			
g.	E \M	5000	75	Dowor	450			

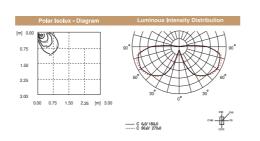


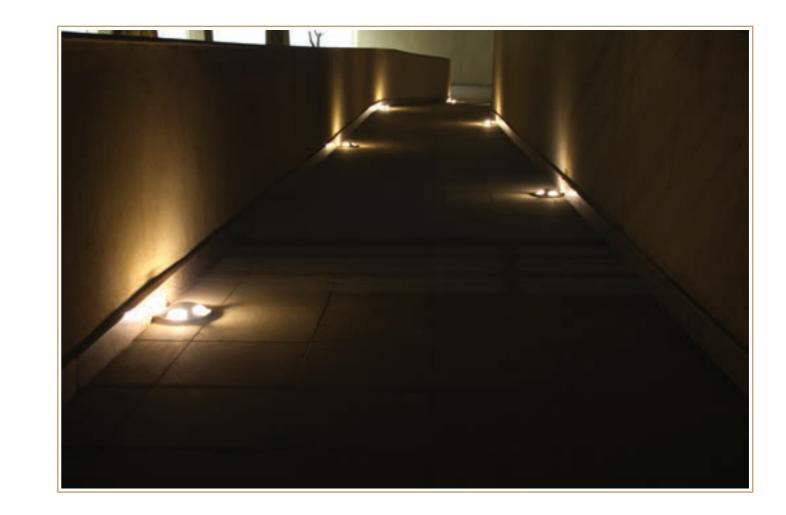
PRODUCT APPLICATION





	Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
	7400E BI	67	А	В	С	kg.	12 W	3000	75	3535	1025	
	71095-PL-	01	Ø200	158	200	2.2	12 W		13	3333	1033	
	74000 DI	67	Α	В	С	kg.	12 W	5000	75	3535	1125	_
L	71096-PL-	07	Ø200	158	200	2.2				-300		





50 \_\_\_\_\_\_\_ 51

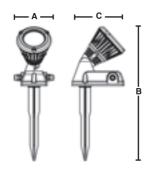
# **SPARK**

#### PRODUCT **DESCRIPTION**

Spark is a stylish way to accentuate any area of the garden. The head can be angle tilted to suit the required position, it is also easy to install.

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.





Art No.											Initial LM	
75005 DI	65	А	В	С	kg.	45 14/			000		4.450	
75025-PL-	05	129	437	170	1.55	15 W	3000	80	COB	65	1450	36
75000 DI	C.E.	А	В	С	kg.	45.14	3000		000	65	1450	
75020-PL-	65	129	437	170	1.55	15 W	3000	80	COB		1450	20
75045 DI	65	Α	В	С	kg.		0000		000	0.5	680	
75015-PL-	05	129	437	170	1.55	8 W	3000	80	COB	65	000	36
75040 DI	65	Α	В	С	kg.	8 W					000	
75010-PL-	65	129	437	170	1.55		3000	80	COB	65	680	12









18												
Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
75027-PL-	65	А	В	С	kg.	15 W			000		1450	
/302/-PL-	03	170	193	85	1.4	15 W	3000	80	COB	65	1450	36
75022-PL-	C.F.	А	В	С	kg.	45.14	0000		000	0.5	1450	
/3022-PL-	65	170	193	85	1.4	15 W	3000	80	COB	65	1450	20
75017-PL-	65	Α	В	С	kg.					0.5	680	
/501/-PL-	00	170	193	85	1.4	8 W	3000	80	COB	65	000	36
75040 DI	C.E.	Α	В	С	kg.						680	
75012-PL-	65	170	193	85	1.4	8 W	3000	80	COB	65	080	12

20 WATT is available



Co	ne Diagram		Luminous Intensi	ty Distribution
	180	3.6	30° 0°	30°
	194	40	60°	60°
	(18)	3.0		
	0.00	14	90°	90°
	-	18	( ( × × //	OF 265
	The same		—— C 0.0/180.0 C 90.0/ 270.0	000

## **FLOOD LIGHT** PRODUCT **DESCRIPTION**

Flood light luminarie in an elegant design is making the installation flexible and convenient, it does not only provide bright and lasting lighting but also reduces maintenance.

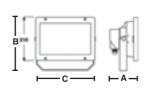
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

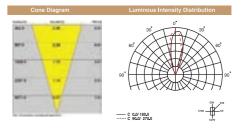
Lens: Made of safety and tempered glass.

Suspension: Surface mounted.





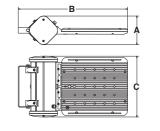
Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
72540-PL-	65	А	В	С	kg.	50 W	3000	75			4500	0.5
72340-FL-	03	128	258	288	4.1	50 W	3000	/5	32	94	4500	65
70544 DI	٥.	Α	В	С	kg.					94	5130	
72541-PL-	65	128	258	288	4.1	50 W	5000	75	32	94	3130	65
72550-PL-	65	Α	В	С	kg.							
72550-PL-	05	128	258	288	4.1	40 W	3000	75	3535	94	4480	65
70554 DI	0.5	Α	В	С	kg.						4000	
72551-PL-	65	128	258	288	4.1	40 W	5000	75	3535	94	4800	65



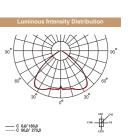
PRODUCT APPLICATION

## CANDELA





Art No.											Initial LM	Angle
70000 DI	66	Α	В	С	kg.	75.14					7400	
72600-PL-	00	172	660	366	9.6	75 W	3000	70	3535	80	7400	98





# PRODUCT APPLICATION

#### PRODUCT **DESCRIPTION**

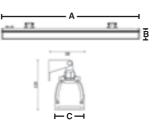
Linear is a facade luminaira designed for ground recessed lighting application, including asymmetric wall washing, grazing and linear way finding providing exceptional uniformity and brightness for walls.

**Body:** Made of extruded Aluminum treated and painted with electrostatic powder coating.

Glass: Made of safety and tempered glass.

Suspension: Surface mounted.





	ne Diagram		Luminous intensity Distribution
100.0	101	7 25	30 30
and the	1.0	48	60 60
NUN.	182	36	90°
NOTE .	129	26	
3711.8	***	1.6	<sup>CSI</sup> Ce
-			— C 0.0/180.0 CHO CO

Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
70520 DI	G E	Α	В	С	kg.	45.11						
72530-PL-	65	511	56	68	2.6	15 W	3000	80	Power	84	1680	34
70505 DI	65	А	В	С	kg.	15 W	5000		Power	84	1800	
72535-PL-	00	511	56	68	2.6	15 W	5000	70	Power	84	1000	34



# LINEAR

# PRODUCT APPLICATION

#### PRODUCT **DESCRIPTION**

Linear is a facade luminaira designed for ground recessed lighting application, including asymmetric wall washing, grazing and linear way finding providing exceptional uniformity and brightness for walls.

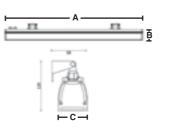
Body: Made of extruded Aluminum treated and painted with

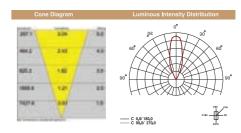
electrostatic powder coating.

Glass: Made of safety and tempered glass.

Suspension: Surface mounted.







Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
70500 DI	65	Α	В	С	kg.				_			
72520-PL-	00	1000	56	68	4	30 W	3000	80	Power	84	3360	34
70505 DI	65	Α	В	С	kg.	30 W	5000	70	D	.,	3600	
72525-PL-		1000	56	68	4			70	Power	84	3600	34





## **RIO UP & DOWN**

# PRODUCT APPLICATION

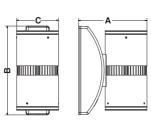
#### PRODUCT **DESCRIPTION**

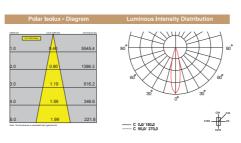
Rio is a wall mounted luminaire with an elegant and simple design to meet the designers requirements with complete LED solutions.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

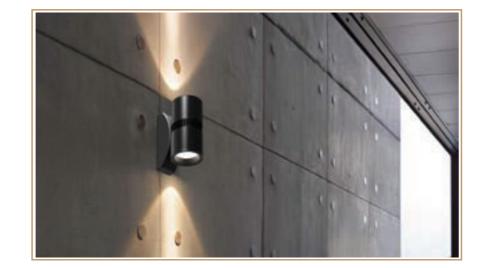
Suspension: Wall mounted.







Art No.											Initial LM	
73590-PL-	65	А	В	С	kg.	16 W	3000	80	СОВ		4000	
/3590-PL-	65	147	190	90	1.6	16 W	3000	00	COB	81	1360	23
73595-PL-	65	Α	В	С	kg.	16 W	5000				4.400	00
/3595-PL-		147	190	90	1.6		5000	80	COB	81	1400	23



# COBADOOR

# PRODUCT APPLICATION

#### PRODUCT **DESCRIPTION**

Coba is a wall mounted luminaire with an elegant and simple design to meet the designers requirements with complete LED solutions.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

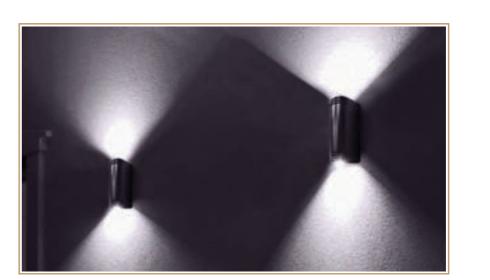
Suspension: Wall mounted.





Polar Isolux - Diagram	Luminous Intensity Distribution
[m] 0.00 0.75 1.50 2.25 3.00 0.00 0.75 1.50 2.25 [m] 3.00	120 120 120 120 120 120 120 120 120 120

Art No.			nsions I								Initial LM	Angle
73530-PL-	65	А	В	С	g.	a w	3000	80	000			
73330-FL-	00	Ø 50	190	66	560	8 W	3000	00	COB	56	680	25
73535-PL-	65	Α	В	С	g.	8 W	5000	80			700	25
73335-PL-	00	Ø 50	190	66	560			80	COB	56	700	25



 $\sim$  57

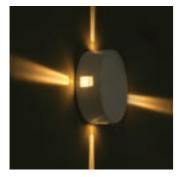
# RAY-O

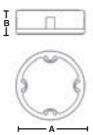
#### PRODUCT **DESCRIPTION**

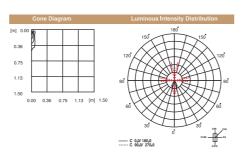
Ray-o is a simple decorative unit with a reliable and modern design for indoor and outdoor lighting applications offering unique lighting effects with narrow optics that create the perfect ray illusion.

Material: Made of die cast Aluminium treated and painted with electrostatic powder coating.

Suspension: Wall mounted.







PRODUCT APPLICATION

Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
72520 DI	65	Α	В	С	g.						
73520-PL-	65	Ø 146	52		700	5 W	3000	80	Power	560	9
72525 DI		Α	В	С	g.	5 W	5000		_	600	
73525-PL-	65	Ø 146	52		700		5000	/0	Power	600	9



# RAY-S

#### PRODUCT **DESCRIPTION**

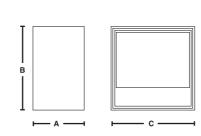
Ray-s is a simple decorative unit with reliable and modern indoor and outdoor lighting luminarie in unique lighting effects with different optics create the perfect ray illusion.

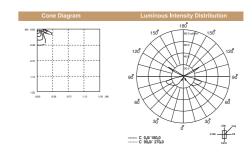
Material: Made of die cast Aluminium treated and painted

with electrostatic powder coating.

Suspension: Wall lantern







PRODUCT APPLICATION

Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73580-PL-	65	Α	В	С	g.	8 W	3000		000	47%	680	
73300-PL-		80	130	130	800	0 **	3000	83	COB	47 /0	000	
73581-PL-	65	Α	В	С	g.	8 W	5000	83	СОВ	47%	700	
/3301-PL-		80	130	130	800	0	0000	83	ООВ	47 70		
Art No.	ΙP	Dime	ensions I	ln mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
70500 DI	65	Α	В	С	g.	0.144						
73582-PL-	00	80	130	130	800	8 W	3000	83	COB	47%	680	
73583-PL-	65	Α	В	С	g.	8 W	5000		СОВ	470/	700	
/3363-PL-		80	130	130	800	0 **	3000	83	COB	47%	700	
Art No.	IΡ	Dime	ensions I	ln mm	weight	WATT	ССТ	CRI	LED	LOR	Initial	Angle
	65	А	В	С	g.						LIVI	
73584-PL-	65	80	130	130	800	8 W	3000	83	COB	47%	780	
70505 BI	65	Α	В	С	g.	0.111					700	
73585-PL-	03	80	130	130	800	8 W	5000	83	COB	47%	700	
Art No.	IΡ	Dime	ensions I	ln mm	weight	W/ATT	CCT	CRI	LED	LOP	Initial	Angle
AIT NO.		A	В	С	g.	WALL		OH		LON	LM	Allgle
73586-PL-	65	80	130	130	800	8 W	3000	83	COB	47%	680	
		A	В	C	g.					H		
73587-PL-	65	80	130	130	800	8 W	5000	83	COB	47%	700	
			. 50	1 .50	000						1 - 1 - 1	
Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
73588-PL-	65	Α	В	С	g.	8 W	3000	83	СОВ	47%	680	
1000-FL		80	130	130	800		3000	83	COB	,0	000	
73589-PL-	65	A	В	С	g.	8 W	5000	83	СОВ	47%	700	
10003-FL-		80	130	130	800			US	- 55	,0		





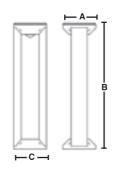
# CRYSTAL

#### PRODUCT **DESCRIPTION**

Bollards are an IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths. The Aluminum body makes the bollard extremely durable.

Material: Made of Aluminium treated and painted with electrostatic powder coating.





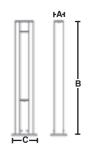
Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angl
	G.E.	А	В	С	kg.					4450	
74580-PL-	65	Ø160	650	160	3.97	11 W	3000	70	3535	1150	-
74505 DI	65	Α	В	С	kg.		5000			1370	
74585-PL-		Ø160	650	160	3.97		5000	70	3535	13/0	-

# Polar Isolux - Diagram Luminous Intensity Distribution 0.75 1.50 0.00 0.75 1.50 2.25 [m] 3.00

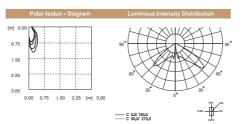
PRODUCT APPLICATION

# ALTO DO R





Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
74500 BI	65	А	В	С	kg.				0505	4000	
74520-PL-	03	80	1000	220	2.49	12 W	3000	70	3535	1023	-
74505 BI	e E	А	В	С	kg.	40.14					
74525-PL-	65	80	1000	220	2.49	12 W	5000	70	3535	1073	



# VISTA-L

#### PRODUCT **DESCRIPTION**

Bollards are an IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths.

The Aluminum body makes the bollard extremely durable.

Material: Made of Aluminium treated and painted with

electrostatic powder coating.

**Diffuser:** Injection-molded polycarbonate with external smooth surface.





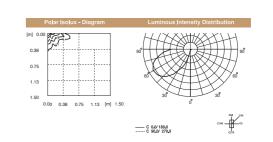
Art No.	IP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle	
-4-40 B1	G.E.	Α	В	С	kg.	40.11/						
74510-PL-	65	199	757	176	4.59	12 W	3000	70	3535	810	-	
74544 DI		Α	В	С	kg.	40.11			3535	835		
74511-PL-	65	199	757	176	4.59	12 W	12 W 500		70	3535	035	-

PRODUCT APPLICATION

# **VISTA**



Art No.										Initial LM	Angle
74545 DI	65	Α	В	С	kg.				Power		
74515-PL-	03	76	750	176	4.05	12 W	3000	80	rowei	810	_
74540 DI	65	Α	В	С	kg.		5000		Power	835	
74516-PL-	05	76	750	176	4.05	12 W	5000	70	rower	035	-





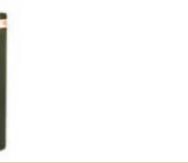


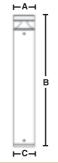
Bollards are an IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths.

The Aluminum body makes the bollard extremely durable.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

**Diffuser:** Injection-molded polycarbonate with external smooth surface.



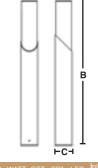


Art No.	IΡ	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Ang
74500 DI	65	Α	В	С	kg.	40.W			Power	4000	
74530-PL-	65	120	750	120	3.97	12 W	3000	80	rowei	1260	_
74505 DI		Α	В	С	kg.	40.111	5000		Power	4050	
74535-PL-	65	120	750	120	3.97	12 W	5000	70	rowei	1350	-

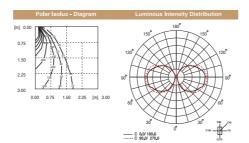
PRODUCT APPLICATION

# **ITALIC**





Art No.	IP	Dime	ensions <b>I</b>	n mm	weight	WATT	CCT	CRI	LED	Initial LM	Angle
74540 DI	65	Α	В	С	kg.	0.W			СОВ		
74540-PL-	00	76	648	76	2.49	8 W	3000	80	СОВ	680	-
		А	В	С	kg.		5000		СОВ	700	
74545-PL-	65	76	648	76	2.49	8 W	5000	80	СОВ	700	,



# SLIM-B

#### PRODUCT **DESCRIPTION**

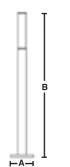
Bollards are an IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths.

The Aluminum body makes the bollard extremely durable.

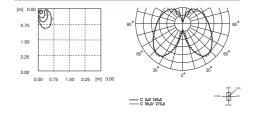
**Material:** Made of Aluminium treated and painted with electrostatic powder coating.

**Diffuser:** Injection-molded polycarbonate with external smooth surface.





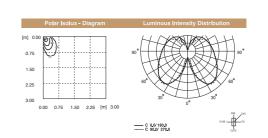
Art No.		Dime	ensions I		weight						Initial LM	Ang <b>l</b> e
74550 01		Α	В	С	kg.							
74550-PL-	65	Ø85	530		1.07	8 W	3000	80	COB	42	680	-
74555 DI		Α	В	С	kg.		L					
74555-PL-	65	Ø85	530		1.07	8 W	5000	80	COB	42	700	-



PRODUCT APPLICATION



Art No.	IP	Dime	ensions l	n mm	weight	WATT	CCT	CRI	LED	LOR	LM	Angle
74500 DI	C.F.	A	В	С	kg.							
74560-PL-	65	Ø85	530		1.07	8 W	3000	80	COB	42	680	
74565 DI	0.5	А	В	С	kg.							
74565-PL-	65	Ø85	530		1.07	8 W	5000	80	COB	42	700	



 $\sim$  63



# CONICAL

#### PRODUCT **DESCRIPTION**

Conical is a IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths.

The Aluminum body makes the bollard extremely durable.

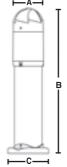
Material: Made of Aluminium treated and painted with

electrostatic powder coating.

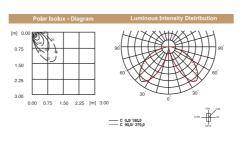
Diffuser: Injection-molded polycarbonate with external smooth

surface.





Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
74500 DI	65	А	В	С	kg.	40.147		7.	0505	4000	
74500-PL-	03	157	1000	213	7.2	12 W	3000	75	3535	1260	-
74505-PL-	CE	А	В	С	kg.				3535	1350	
74303-PL-	65	157	1000	213	7.2	12 W	5000	75	3335	1350	-



PRODUCT APPLICATION



# **HBUTDOOR**

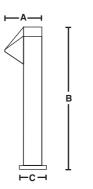
#### PRODUCT **DESCRIPTION**

HB is a IP 65 rated outdoor free standing luminaires ideal for lighting path ways and gardens, available in different lengths. The Aluminum body makes the bollard extremely durable.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

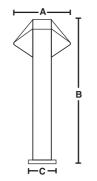
Diffuser: Injection-molded polycarbonate with external smooth surface.





Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
74500 BI	54	Α	В	С	kg.	5 5 W		70	0505		F7F	444
74590-PL-	34	260	1000	188	7	5.5 W	3000	70	3535	53	575	114
Di	54	Α	В	С	kg.							
74591-PL-	54	260	1000	188	7	5.5 W	5000	70	3535	53	600	114

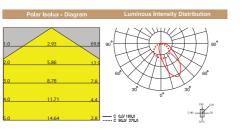


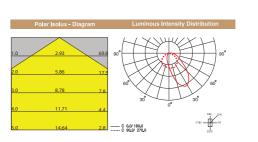


Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
-4505 <b>D</b> I	54	Α	В	С	kg.							
74595-PL-	54	390	1000	188	7.5	11 W	3000	70	3535	53	1148	114
Di	54	А	В	С	kg.							
74596-PL-	54	390	1000	188	7.5	11 W	5000	70	3535	53	1200	114











# SUNNY

#### PRODUCT **DESCRIPTION**

Sunny is designed to give a broad spread light distribution which makes this luminaire suitable for gardens, path ways and homes

**Body:** Made of die-cast Aluminium treated and painted with electrostatic powder coating for high corrosion resistance. **Suspension:** Pole.





l			No. To
LOR	Initial LM	Angle	
67	5880	97	
67	6300	97	
67	8610	97	

Cone Diagram	Luminous Intensity Distribution
234 100.4 248 Sha 872 1888	
na is obsided with ignorance?	— C 0,0/180,0 CH0 CH0

PRODUCT APPLICATION

	Art No.			ensions I								Initial LM	
	75500-PL-		А	В	С	kg.	45 W	3000	75	3535	67	5880	97
	75500-PL-	65	Ø450	3000	250	18	45 W	3000	/5	3333	67	5880	97
	75501-PL-		Α	В	С	kg.	45 W	5000	75	3535	67	6300	97
	/3301-PL-	65	Ø450	3000	250	18	13 11			0000			•
	75562-PL-		Α	В	С	kg.	75 W	3000	75	3535	67	8610	97
	/3302-PL-	65	Ø450	3000	250	18	/5 W		′ ັ	0000	"	00.0	"
	75500 DI		А	В	С	kg.	75 14/	5000	7.	0505		0000	0.7
١	75563-PL-	65	Ø 450	3000	250	18	75 W	5500	75	3535	67	9030	97



# ALTO DOOR

#### PRODUCT **DESCRIPTION**

Alto is a luminaire for garden home entrance, with a movable head it creates an impressive light effect on ground surface . Body: Made of die-cast Aluminium treated and painted with electrostatic powder coating for high corrosion resistance. Suspension: Pole

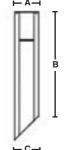


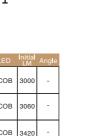
75510-PL-

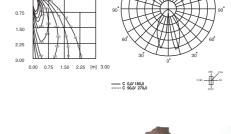
75515-PL-

75520-PL-

75512-PL-











PRODUCT APPLICATION





#### **URBAN SUNNY**

# PRODUCT APPLICATION

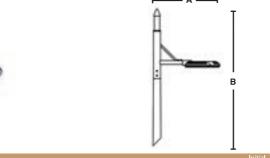
#### PRODUCT **DESCRIPTION**

A collection of urban lighting units provided with many patents and independent intellectual properties and many advanced technologies. Treated with special technique to ensure excellent radiation performance through special treatment and design.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser: Injection-molded polycarbonate with external smooth surface.

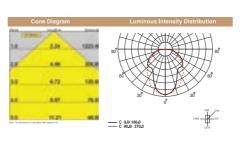
Suspension: Pole

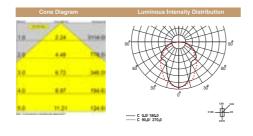


Art No.											Initial LM	
75505-PL-	65	Α	В	С	kg.				3535	l	5880	97
75505-PL-	05	800	5310		75	45 W	3000	75	3333	67	5880	97
75506-PL-	C.E.	Α	В	С	kg.	45.14	5000		3535	67	6300	97
75500-PL-	65	800	5310		75	45 W	5000	75	3333	67	6300	97
75507-PL-	e E	Α	В	С	kg.	75 144			0505			l
/330/-PL-	65	800	5310		75	75 W	3000	75	3535	67	8610	97
75508-PL-	0.5	Α	В	С	kg.				مدمد			
13308-PL-	65					75 W	5000	75	3535	67	9030	97



Art No.	IP	Dime	ensions I	n mm	weight	WATT	CCT	CRI	LED	LOR	Initial LM	Angle
75502-PL-	65	Α	В	С	kg.			7.	2525		44700	97
/3302-PL-	03	1600	5310		80	90 W	3000	75	3535	67	11760	97
75500 DI	65	Α	В	С	kg.		5000		3535	67	12600	97
75503-PL-	00	1600	5310		80	90 W	3000	75	3333	67	12000	31
75560 DI	65	А	В	С	kg.	450 144					47000	
75560-PL-	00	1600	5310		80	150 W	3000	75	3535	67	17220	97
75561-PL-	65	А	В	С	kg.				3535			
/3301-PL-	65	1600	5310		80	150 W	5000	75	3333	67	18060	97





#### **URBAN JUMPO**

# PRODUCT APPLICATION

#### PRODUCT **DESCRIPTION**

A collection of urban lighting units provided with many patents and independent intellectual properties and many advanced technologies. Treated with special technique to ensure excellent radiation performance through special treatment and design.

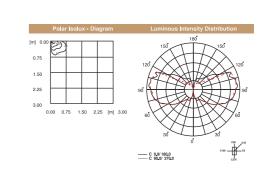
Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser: Injection-molded polycarbonate with external smooth surface.

Suspension: Pole



Art No.	IP	Dime	nsions I	n mm	weight	WATT	ССТ	CRI	LED	Initial LM	Angle
75520 DI	C.F.	А	В	С	kg.	75 111					
75530-PL-	65	Ø 210	3845		40	75 W	3000	80	3030	10000	-
ZEEGE DI	65	Α	В	С	kg.	75 111				40000	
75535-PL-	00	Ø 210	3845		40	75 W	5000	80	3030	10800	-







# VIRATDOOR

# PRODUCT APPLICATION

#### PRODUCT **DESCRIPTION**

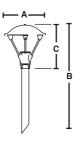
A collection of urban lighting units provided with many patents and independent intellectual properties and many advanced technologies. Treated with special technique to ensure excellent radiation performance through special treatment and design.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser:Injection-molded polycarbonate with external smooth surface.

Suspension: Pole





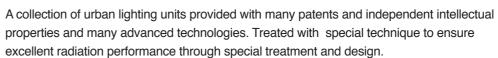
Cone Diagram	Luminous Intensity Distribution
	90° 90° 90°
t	— C 0.0/180.0 — C 90.0/270.0

	Art No.					weight						Initial LM	Angle
	75500 DI	65	Α	В	С	kg.		4000	70	3535	92	3900	148
	75580-PL-		650	3000	700	50	30 W						
		٥.	Α	В	С	kg.	40 W	4000	70	3535	92	4575	148
	75575-PL-	65	650	4000	700	50							
	75570-PL-	65	Α	В	С	kg.	60 W	4000	70	3535	92	6313	148
			650	5000	700	50							



# ALBANY

## PRODUCT **DESCRIPTION**

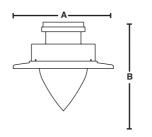


Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser: Injection-molded polycarbonate with external smooth surface.

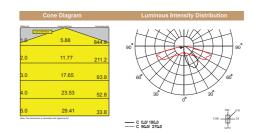
Suspension: Pole





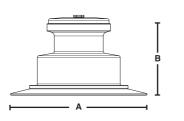
Art No.	ΙP	Dime	ensions I	n mm	weight	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
-440- DI		Α	В	С	kg.	40 W	4000	75	3535	88	4575	
74105-PL-	65	698	578		7							145
74400 BI	65	Α	В	С	kg.	60 W	4000	75	3535	88	6313	
74100-PL-	05	698	578		7							145





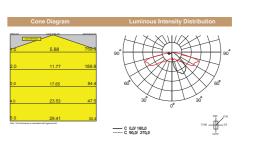
# ALBANY-B





Art N	No.	IP	Dime	ensions I								Initial LM	
74102-PL-		Α	В	С	kg.		Ī	I					
	65	698	400		7	60 W	3000	75	3535	88	5770	145	







# URBAN LT

# PRODUCT APPLICATION

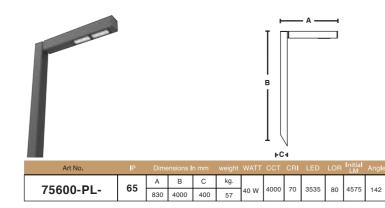
#### PRODUCT **DESCRIPTION**

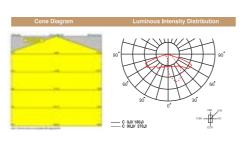
A collection of urban lighting units provided with many patents and independent intellectual properties and many advanced technologies. Treated with special technique to ensure excellent radiation performance through special treatment and design.

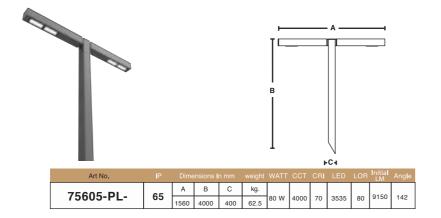
Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser:Injection-molded polycarbonate with external smooth surface.

Suspension: Pole







# URBAN ARC PRODUCT DESCRIPTION

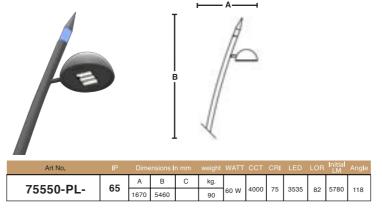


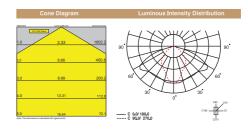
A collection of urban lighting units provided with many patents and independent intellectual properties and many advanced technologies. Treated with special technique to ensure excellent radiation performance through special treatment and design.

Material: Made of Aluminium treated and painted with electrostatic powder coating.

Diffuser: Injection-molded polycarbonate with external smooth surface.

Suspension: Pole









#### **COMPANY COLOR INDEX**

#### FOR INDOOR USE



#### FOR OUTDOOR USE



#### **Application index**



#### **Technical Legend**

Art No.	IP	Dime	Dimensions In mm			Φø	WATT	ССТ	CRI	LED	LOR	Initial LM	Angle
		Α	В	С	g.								

- INGRESS PROTECTION MARKING (DUST & WATER PROTECTION)

- CEILING APERTURE DIMENSIONS

**WATT** - POWER

- CORRELATED COLOR TEMPERATURE

- COLOR RENDERING INDEX

LED - TYPE OF LED CHIP USED

LOR - LIGHT OUTPUT RATIO (EFFICACY OF THE FIXTURE)

**Total LM** - TOTAL LUMENS OF THE FIXTURE

Angle - BEAM ANGLE

