



HAVELLS



Lights with a brighter side

Energy efficient Havells LED lights



Introduction of Havells

Havells India Limited is a leading Fast Moving Electrical Goods (FMEG) Company and a major power distribution equipment manufacturer with a strong global presence. Havells enjoys enviable market dominance across a wide spectrum of products, including Industrial & Domestic Circuit Protection Devices, Cables & Wires, Motors, Fans, Modular Switches, Home Appliances, Air Conditioners, Electric Water Heaters, Power Capacitors, LED Lamps, Luminaires for Domestic, Commercial and Industrial Applications.

Today, Havells owns some of the most prestigious brands like Havells, Lloyd, Crabtree, Standard and Promptec. Its network constitutes of 6500 professionals, over 7650 dealers and 40 branches in the country. Our products are available in over 50 countries. The company has twelve state-of-the-art manufacturing plants in India located at Haridwar, Baddi, Sahibabad, Faridabad, Assam, Alwar and Neemrana, manufacturing globally acclaimed products, synonymous with excellence and precision in the electrical industry.

The company pioneered the concept of exclusive brand showroom in the electrical industry with 'Havells Galaxy'. Today over 500 Havells Galaxies across the country are helping customers, both domestic and commercial, to choose from a wide variety of products for different applications. Havells became the first FMEG Company to offer door step service via its initiative 'Havells Connect'. Thanks to the quality of products and quicker service, it has minimum customer complaints and highest customer satisfaction.

Today, Havells alongwith its brands, have earned the distinction of being the preferred choice of electrical products for discerning individuals and industrial consumers both in India and abroad. Havells offers same quality products for both Indian and International markets. It is committed to keep powering the world with its state-of-the-art innovations and energy-efficient solutions. Currently over 90% of its product offerings are energy efficient and manufactured in-house.

Social and environmental responsibility has been at the forefront of Havells Operating Philosophy and as a result the company consistently contributes to socially responsible activities. For instance, the company is providing mid-day meal in government schools in Alwar district, covering more than 58000 students per day. The group company, QRG Healthcare runs a 140 bed hospital in Faridabad. In the past, the company has generously contributed to the society during various national calamities like the Bihar Flood, Tsunami and Kargil National Relief Fund, etc.

The essence of Havells' success lies in the expertise of its fine team of professionals, strong relationships with associates and the ability to adapt quickly & efficiently, coupled with the vision to always think ahead.



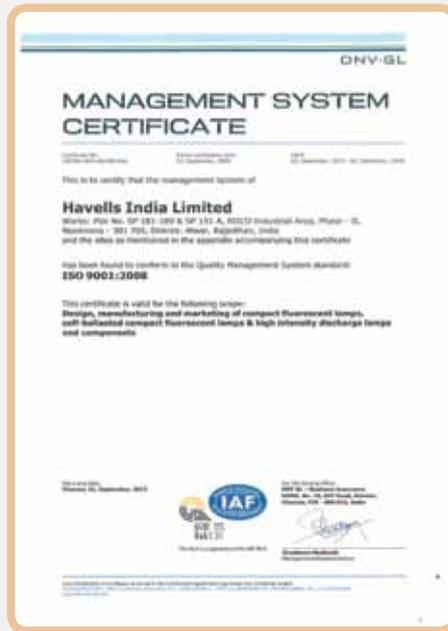


Introduction of Plants



Havells State of the art Luminaire Plant, Neemrana

CERTIFICATION



Havells lighting plant in Neemrana is spread over 30 acres of land with over 2,00,000 square feet of working space under a single roof. The plant has been made keeping in mind the global markets of Europe, US and the Middle East. Setting new benchmarks in the industry, this Havells plant will help bridge the technological divide between Europe and India when it comes to manufacturing high-end lighting luminaires.

Japanese flexible CNC controlled steel fabrication process for the accuracy in sheet punching & bending Italian robotised box bending machines to design complex enclosure shapes without human intervention Automated powder coating paint shop to minimize wastage & fast colour change Eco-friendly zero discharge plant Parabolic rolling machine for replicating complex and accurate forms and shapes Flexible assembly line Modern laboratories

Building customer confidence by providing a wide range of quality products and service through team work

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DOWNLIGHTER



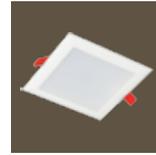
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Downlighter

Venus Slim Round

Recess mounted pressure die-cast aluminium luminaire in powder coated white finish in round profile with optimized heat sink for efficient heat dissipation and independent electronic LED driver.



Product Specifications

Features & Benefits

- Delivers excellent illumination
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -10°C to +40°C
- Operating voltage range: 140-270V
- LED Average life: 25000 hours

Housing & Finish

White powder coated aluminum extruded frame for better thermal management & CRCA sheet used as a back cover and fixed with aluminum extrusion.

Light Source

High efficiency long life SMD LED module.

Diffuser

Micro structured wave guide (LGP), Opal Polycarbonate diffuser for glare free, symmetrical light distribution.

Electronic driver

Powered by independent electronic driver (SMPS based constant current supply) with Short-circuit protection, Over Voltage protection.

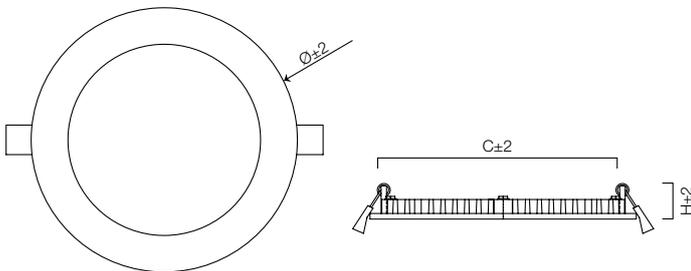
Mounting

Fixing into false ceiling by means of 2 nos. SS springs clips provided as per installation instructions.

Applications

Shopping malls
Restaurants
Hotel lobbies / Waiting areas
Modern gyms / Spa
Corporate offices

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Cutout Size (Ø)
3W	85	23±2	76
6W	123	23±2	112
9W	148	23±2	135
12W	170	23±2	160
15W	190	23±2	182
18W/22W	225	23±2	210

All dimensions are in mm



Technical Data

System Power	Ordering Code			Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	System Lumens (lm)		
	3000K	4000K	6500K					3000K	4000K	6500K
3W	LOFBHDP5Z1W003	LOFBHDP6Z1W003	LOFBHDP7Z1W003	230	0.035	≥0.50	≥80	120	135	150
6W	LOFBHDP5Z1W006	LOFBHDP6Z1W006	LOFBHDP7Z1W006	230	0.035	≥0.90	≥80	330	360	390
9W	LOFBHDP5Z1W009	LOFBHDP6Z1W009	LOFBHDP7Z1W009	230	0.050	≥0.90	≥80	585	630	675
12W	LOFBHDP5Z1W012	LOFBHDP6Z1W012	LOFBHDP7Z1W012	230	0.065	≥0.90	≥80	780	840	900
15W	LOFBHDP5Z1W015	LOFBHDP6Z1W015	LOFBHDP7Z1W015	230	0.080	≥0.90	≥80	1050	1125	1200
18W	LOFBHDP5Z1W018	LOFBHDP6Z1W018	LOFBHDP7Z1W018	230	0.095	≥0.90	≥80	1260	1350	1440
22W	LOFBHDP5Z1W022	LOFBHDP6Z1W022	LOFBHDP7Z1W022	230	0.120	≥0.90	≥80	1540	1650	1760

Venus Slim Square



Recess mounted pressure die-cast aluminium luminaire in powder coated white finish in square profile with optimized heat sink for efficient heat dissipation and independent electronic LED driver.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -10°C to +40°C
- Operating voltage range: 140-270V
- LED Average life: 25000 hours

Housing & Finish

White powder coated aluminum extruded frame for better thermal management & CRCA sheet used as a back cover and fixed with aluminum extrusion.

Light Source

High efficiency long life SMD LED module.

Diffuser

Micro structured wave guide (LGP), Opal Polycarbonate diffuser for glare free, symmetrical light distribution.

Electronic driver

Powered by independent electronic driver (SMPS based constant current supply) with Short-circuit protection, Over Voltage protection.

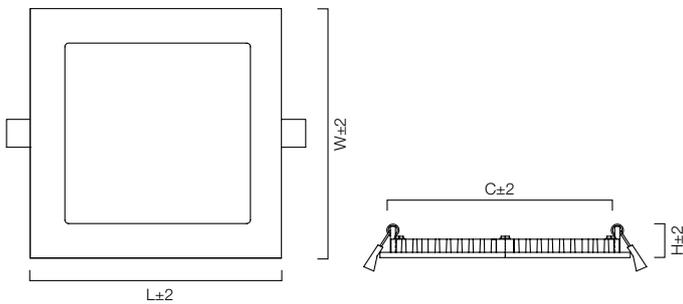
Mounting

Fixing into false ceiling by means of 2 nos. SS springs clips provided as per installation instructions.

Applications

Shopping malls
Restaurants
Hotel lobbies / Waiting areas
Modern gyms / Spa
Corporate offices

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Cutout Size
3W	86±2	86±2	23±2	80x80
6W	120±2	120±2	23±2	110x110
9W	150±2	150±2	23±2	140x140
12W	170±2	170±2	23±2	160x160
15W	190±2	190±2	23±2	180x180
18W/22W	225±2	225±2	23±2	210x210

All dimensions are in mm



Technical Data

System Power	Ordering Code			Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	System Lumens (lm)		
	3000K	4000K	6500K					3000K	4000K	6500K
3W	LOFBHEP5IZ1W003	LOFBHEP6IZ1W003	LOFBHEP7IZ1W003	230	0.035	≥0.50	≥80	120	135	150
6W	LOFBHEP5IZ1W006	LOFBHEP6IZ1W006	LOFBHEP7IZ1W006	230	0.035	≥0.90	≥80	330	360	390
9W	LOFBHEP5IZ1W009	LOFBHEP6IZ1W009	LOFBHEP7IZ1W009	230	0.050	≥0.90	≥80	585	630	675
12W	LOFBHEP5IZ1W012	LOFBHEP6IZ1W012	LOFBHEP7IZ1W012	230	0.065	≥0.90	≥80	780	840	900
15W	LOFBHEP5IZ1W015	LOFBHEP6IZ1W015	LOFBHEP7IZ1W015	230	0.080	≥0.90	≥80	1050	1125	1200
18W	LOFBHEP5IZ1W018	LOFBHEP6IZ1W018	LOFBHEP7IZ1W018	230	0.095	≥0.90	≥80	1260	1350	1440
22W	LOFBHEP5IZ1W022	LOFBHEP6IZ1W022	LOFBHEP7IZ1W022	230	0.120	≥0.90	≥80	1540	1650	1760

Trim LED Panel Round

Ultra bright compact downlighter in polycarbonate housing with high brightness LED chips, Ideally suited for low ceiling areas to give glare free light.



Product Specifications

Features & Benefits

- Better Lumens and longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 25000 hours

Housing & Finish

High quality injection molded polycarbonate housing in white finish and aluminum heat sink inside with efficient thermal management.

Diffuser

High quality polycarbonate flat opal diffuser for glare free uniform light distribution.

Electronic driver

Powered by a separate electronic driver in white finish PC housing, (SMPS based constant current supply) with THD \leq 33%, Output Short Circuit Protection, Surge Voltage Protection and other reliability tests as per IS 15885 Part 2/Sec 13.

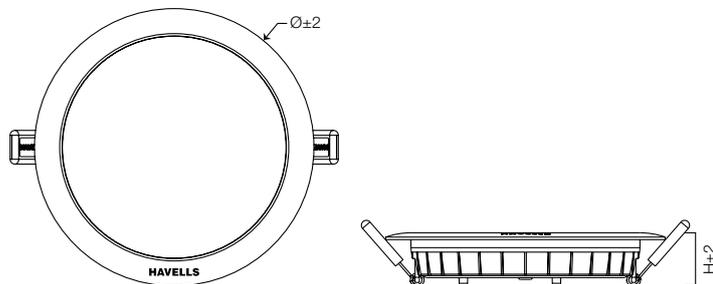
Mounting

Fixing into false ceiling by means of 2 nos. SS springs/ clips provided as per instructions.

Applications

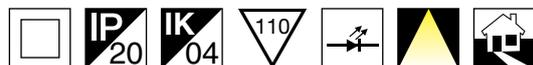
Residential Bungalow
Residential Flats
Small shops

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Cutout Size (Ø)
5W	96	22±2	75
10W	130	22±2	107
15W	162	27±2	140

All dimensions are in mm



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEBLDP5IN1W005	5W	230	0.025	\geq 0.90	\geq 80	3000K	375
LHEBLDP6IN1W005	5W	230	0.025	\geq 0.90	\geq 80	4000K	375
LHEBLDP7IN1W005	5W	230	0.025	\geq 0.90	\geq 80	6500K	375
LHEBLDP5IN1W010	10W	230	0.045	\geq 0.90	\geq 80	3000K	750
LHEBLDP6IN1W010	10W	230	0.045	\geq 0.90	\geq 80	4000K	750
LHEBLDP7IN1W010	10W	230	0.045	\geq 0.90	\geq 80	6500K	750
LHEBLDP5IN1W015	15W	230	0.065	\geq 0.90	\geq 80	3000K	1125
LHEBLDP6IN1W015	15W	230	0.065	\geq 0.90	\geq 80	4000K	1125
LHEBLDP7IN1W015	15W	230	0.065	\geq 0.90	\geq 80	6500K	1125

Driver code: SCR1996 for 5W, SCR2071 for 10W, SCR1632 for 15W.

Trim LED Panel Square



Ultra bright compact downlighter in polycarbonate housing with high brightness LED chips, Ideally suited for low ceiling areas to give glare free light.

Product Specifications

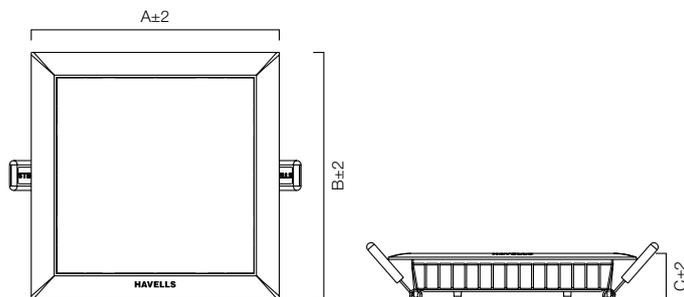
Features & Benefits

- Better Lumens and longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 25000 hours

Housing & Finish

High quality injection molded polycarbonate housing in white finish and aluminum heat sink inside with efficient thermal management.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Cutout Size
5W	96±2	96±2	22±2	75x75
10W	132±2	132±2	22±2	107x107
15W	163±2	163±2	27±2	140x140

All dimensions are in mm

Diffuser

High quality polycarbonate flat opal diffuser for glare free uniform light distribution.

Electronic driver

Powered by a separate electronic driver in white finish PC housing, (SMPS based constant current supply) with THD \leq 33%, Output Short Circuit Protection, Surge Voltage Protection and other reliability tests as per IS 15885 Part 2/Sec 13.

Mounting

Fixing into false ceiling by means of 2 nos. SS springs/ clips provided as per instructions.

Applications

Residential Bungalow
Residential Flats
Small shops



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEBLEP5IN1W005	5W	230	0.025	\geq 0.90	\geq 80	3000K	375
LHEBLEP6IN1W005	5W	230	0.025	\geq 0.90	\geq 80	4000K	375
LHEBLEP7IN1W005	5W	230	0.025	\geq 0.90	\geq 80	6500K	375
LHEBLEP5IN1W010	10W	230	0.045	\geq 0.90	\geq 80	3000K	750
LHEBLEP6IN1W010	10W	230	0.045	\geq 0.90	\geq 80	4000K	750
LHEBLEP7IN1W010	10W	230	0.045	\geq 0.90	\geq 80	6500K	750
LHEBLEP5IN1W015	15W	230	0.065	\geq 0.90	\geq 80	3000K	1125
LHEBLEP6IN1W015	15W	230	0.065	\geq 0.90	\geq 80	4000K	1125
LHEBLEP7IN1W015	15W	230	0.065	\geq 0.90	\geq 80	6500K	1125

Driver code: SCRX1996 for 5W, SCRX2071 for 10W, SCRX1632 for 15W.

Lumeno LED Downlighter-Round

Ultra bright compact 5W LED Down lighter with high efficacy LED, Ideally suited for ceiling areas to give glare free light.



Product Specifications

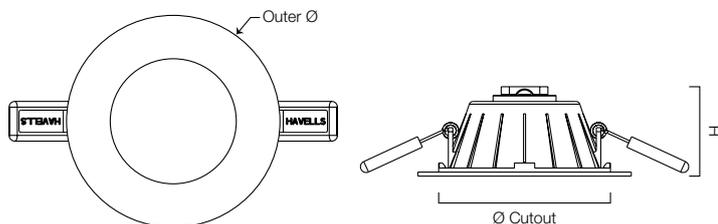
Features & Benefits

- Better Lumens and longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 25000 hours

Housing & Finish

Elegantly designed insert aluminum heat sink for efficient heat dissipation.

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Cutout Size (Ø)
3W	92	38	90
5W	105	46	95
8W	125	46	110
12W	150	46	140

All dimensions are in mm

Reflector

The U shape of the housing in white finish acts as a reflector.

Electronic driver

Powered by Driver on board electronic driver with high power factor.

Mounting

Fixing into false ceiling by means of 2 nos. springs/clips provided as per instructions.

Applications

These LED downlights are suitable for use throughout your home They would work well as task lights in your kitchen, dining, living, bath and bedrooms
Corporate offices, Exhibition room
Hotel, Underground parking garage
Shopping malls
Restaurants, Bar
Modern Gym/Spa



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEEBPP5IN1W003	3W	220-240	0.020	≥0.90	≥80	3000K	180
LHEEBPP7IN1W003	3W	220-240	0.020	≥0.90	≥80	6500K	210
LHEEBPP5IN1W005	5W	220-240	0.028	≥0.90	≥80	3000K	300
LHEEBPP7IN1W005	5W	220-240	0.028	≥0.90	≥80	6500K	350
LHEEBPP5IL1W008	8W	220-240	0.040	≥0.90	≥80	3000K	500
LHEEBPP7IL1W008	8W	220-240	0.040	≥0.90	≥80	6500K	550
LHEEBPP5IL1W012	12W	220-240	0.060	≥0.90	≥80	3000K	725
LHEEBPP7IL1W012	12W	220-240	0.060	≥0.90	≥80	6500K	800

Lumeno LED Downlighter-Square

Ultra bright compact 5W LED Down lighter with high efficacy LED, Ideally suited for ceiling areas to give glare free light.



Product Specifications

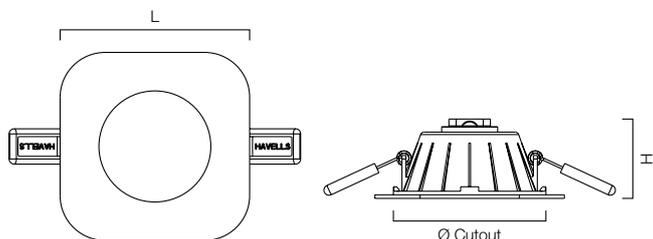
Features & Benefits

- Better Lumens and longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 25000 hours

Housing & Finish

Elegantly designed insert aluminum heat sink for efficient heat dissipation.

Dimensional Drawing



System Power	Length (L)	Height (H)	Cutout Size (Ø)
3W	92	38	90
5W	105	46	95
8W	125	46	110
12W	150	46	140

All dimensions are in mm

Reflector

The U shape of the housing in white finish acts as a reflector.

Electronic driver

Powered by Driver on board electronic driver with high power factor.

Mounting

Fixing into false ceiling by means of 2 nos. springs/clips provided as per instructions.

Applications

These LED downlights are suitable for use throughout your home. They would work well as task lights in your kitchen, dining, living, bath and bedrooms. Corporate offices, Exhibition room, Hotel, Underground parking garage, Shopping malls, Restaurants, Bar, Modern Gym/Spa.



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEEBQP5IN1W003	3W	220-240	0.020	≥0.90	≥80	3000K	180
LHEEBQP7IN1W003	3W	220-240	0.020	≥0.90	≥80	6500K	210
LHEEBQP5IN1W005	5W	220-240	0.028	≥0.90	≥80	3000K	300
LHEEBQP7IN1W005	5W	220-240	0.028	≥0.90	≥80	6500K	350
LHEEBQP5IL1W008	8W	220-240	0.040	≥0.90	≥80	3000K	500
LHEEBQP7IL1W008	8W	220-240	0.040	≥0.90	≥80	6500K	550
LHEEBQP5IL1W012	12W	220-240	0.060	≥0.90	≥80	3000K	720
LHEEBQP7IL1W012	12W	220-240	0.060	≥0.90	≥80	6500K	800

Venus Surface Round

Surface mounted pressure die-cast aluminium luminaire in powder coated white finish in round profile with optimized heat sink for efficient heat dissipation and independent electronic LED driver.



Product Specifications

Features & Benefits

- Delivers excellent illumination
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -10°C to +40°C
- Operating voltage range: 140-270V
- LED Average life: 25000 hours

Housing & Finish

White powder coated aluminum extruded frame for better thermal management & CRCA sheet used as a back cover and fixed with aluminum extrusion.

Light source

High efficiency long life SMD LED module.

Diffuser

Micro structured wave guide (LGP), Opal Polycarbonate diffuser for glare free, symmetrical light distribution.

Electronic driver

Powered by independent electronic driver (SMPS based constant current supply) with Short-circuit protection, Over Voltage protection.

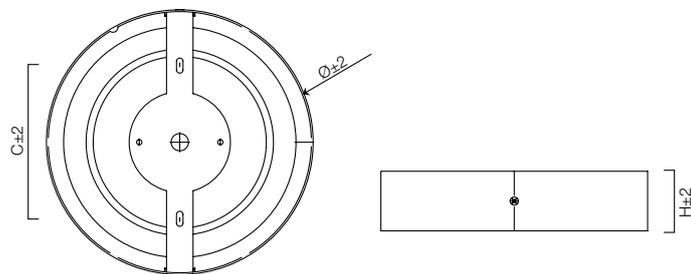
Mounting

Fixing into ceiling by means of 2 nos. holes provided in the fixture.

Applications

Shopping malls
Restaurants
Hotel lobbies / Waiting areas
Modern gyms / Spa
Corporate offices

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Mounting CD (C)
6W	123±2	41±2	76
12W	175±2	41±2	127
18W/22W	225±2	41±2	180

All dimensions are in mm



Technical Data

System Power	Ordering Code			Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	System Lumens (lm)		
	3000K	4000K	6500K					3000K	4000K	6500K
6W	LOEAAYP5IL1W006	LOEAAYP6IL1W006	LOEAAYP7IL1W006	230	0.035	≥0.90	≥80	330	360	390
12W	LOEAAYP5IL1W012	LOEAAYP6IL1W012	LOEAAYP7IL1W012	230	0.065	≥0.90	≥80	840	900	960
18W	LOEAAYP5IL1W018	LOEAAYP6IL1W018	LOEAAYP7IL1W018	230	0.095	≥0.90	≥80	1260	1350	1440
22W	LOEAAYP5IL1W022	LOEAAYP6IL1W022	LOEAAYP7IL1W022	230	0.120	≥0.90	≥80	1540	1650	1760

Venus Surface Square



Surface mounted pressure die-cast aluminium luminaire in powder coated white finish in square profile with optimized heat sink for efficient heat dissipation and independent electronic LED driver.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -10°C to +40°C
- Operating voltage range: 140-270V
- LED Average life: 25000 hours

Housing & Finish

White powder coated aluminum extruded frame for better thermal management & CRCA sheet used as a back cover and fixed with aluminum extrusion.

Light source

High efficiency long life SMD LED module.

Diffuser

Micro structured wave guide (LGP), Opal Polycarbonate diffuser for glare free, symmetrical light distribution.

Electronic driver

Powered by independent electronic driver (SMPS based constant current supply) with Short-circuit protection, Over Voltage protection.

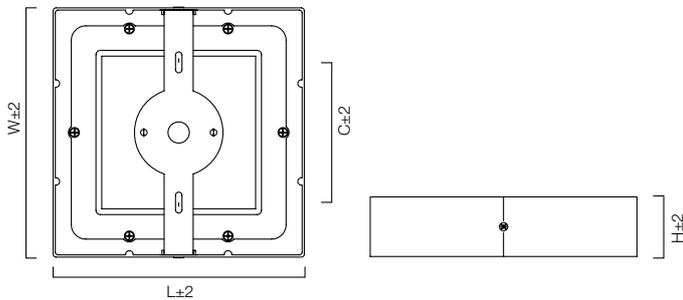
Mounting

Fixing into ceiling by means of 2 nos. holes provided in the fixture.

Applications

Shopping malls
Restaurants
Hotel lobbies / Waiting areas
Modern gyms / Spa
Corporate offices

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Mounting CD (C)
6W	121±2	121±2	41±2	76
12W	172±2	172±2	41±2	127
18W/22W	226±2	226±2	41±2	180

All dimensions are in mm



Technical Data

System Power	Ordering Code			Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	System Lumens (lm)		
	3000K	4000K	6500K					3000K	4000K	6500K
6W	LOEAAZP5IL1W006	LOEAAZP6IL1W006	LOEAAZP7IL1W006	230	0.035	≥0.90	≥80	330	360	390
12W	LOEAAZP5IL1W012	LOEAAZP6IL1W012	LOEAAZP7IL1W012	230	0.065	≥0.90	≥80	840	900	960
18W	LOEAAZP5IL1W018	LOEAAZP6IL1W018	LOEAAZP7IL1W018	230	0.095	≥0.90	≥80	1260	1350	1440
22W	LOEAAZP5IL1W022	LOEAAZP6IL1W022	LOEAAZP7IL1W022	230	0.120	≥0.90	≥80	1540	1650	1760

Joy Ringo Surface 5W



Ultra modern, environmental friendly, slim, compact & decorative round wall/ceiling mounted downlighter comprising of high brightness LEDs, with opal diffuser ideally suited for ceiling areas to give glare free light.

Product Specifications

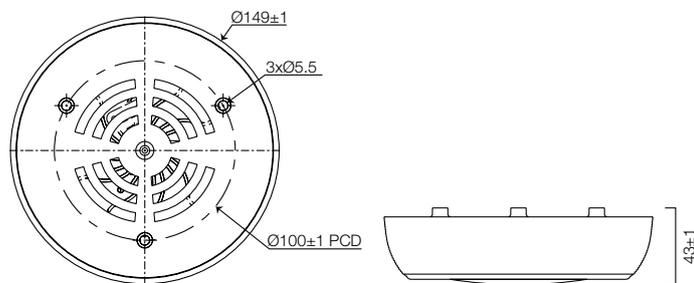
Features & Benefits

- Better Lumens and longer lamp life.
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 30000 hours

Housing & Finish

High quality polycarbonate housing in white finish with pressure die cast aluminium heat sink inside for efficient thermal management and excellent corrosion resistant.

Dimensional Drawing



All dimensions are in mm

Light source

High efficiency long life SMD LED chips in module and lumen efficacy of 135 lm/W to enhance the lumen output.

Optics

PC diffuser in opal finish for glare free uniform light distribution.

Electronic driver

Powered by an inbuilt electronic driver (SMPS based constant current supply) with THD_≤33% Output Short-Circuit Protection/ Open circuit protection, Surge Voltage Protection and other safety test as per IS15885 Part2/Sec13.

Mounting

Fixed on the wall/ceiling by 3 nos. holes of dia 5.5mm in polycarbonate mounting disc as per the Instructions provided with the fixture.

Applications

Corporate offices
Banks & ATM outlets
Software development centers
Modern work spaces
Showrooms



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEBKJP6OZ1W005	5W	230	0.025	≥0.95	≥80	4000K	320
LHEBKJP7OZ1W005	5W	230	0.025	≥0.95	≥80	5700K	350

Joy Ringo Surface 8W

Ultra modern, environmental friendly, slim, compact & decorative round wall/ceiling mounted downlighter comprising of high brightness LEDs, with opal diffuser ideally suited for ceiling areas to give glare free light.



Product Specifications

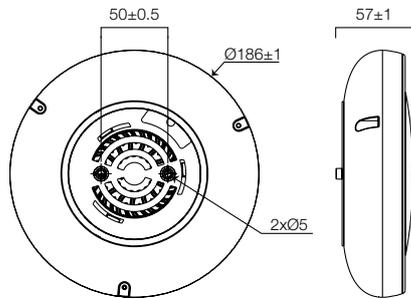
Features & Benefits

- Better Lumens and longer lamp life.
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- Extraordinary long life of LED's and high end electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 30000 hours

Housing & Finish

High quality polycarbonate housing in white finish with pressure die cast aluminium heat sink inside for efficient thermal management and excellent corrosion resistant.

Dimensional Drawing



All dimensions are in mm

Light source

High efficiency long life SMD LED chips in module and lumen efficacy of 135 lm/W to enhance the lumen output.

Optics

PC diffuser in opal finish for glare free uniform light distribution.

Electronic driver

Powered by an inbuilt electronic driver (SMPS based constant current supply) with THD_≤33% Output Short-Circuit Protection/ Open circuit protection, Surge Voltage Protection and other safety test as per IS15885 Part2/Sec13.

Mounting

Fixed on the wall/ceiling by 2 nos. holes of dia 5.0mm in polycarbonate mounting disc as per the Instructions provided with the fixture.

Applications

Corporate offices
Banks & ATM outlets
Software development centers
Modern work spaces
Showrooms



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEBKJP6OZ1W008	8W	230	0.042	≥0.95	≥80	4000K	580
LHEBKJP7OZ1W008	8W	230	0.042	≥0.95	≥80	5700K	640

Driver code: CELDOX0004.



Panel Lightitng

Venus Slim Panel

Ultra Slim recess mounted luminaire with high brightness LED package and Unique pattern acrylic de-glaring diffuser sheet for glare free uniform light distribution suitable for armstrong / grid ceiling.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -10°C to +40°C
- Operating voltage range: 140-270V
- LED Average life: 30000 hours

Housing & Finish

White powder coated aluminum extruded frame for better thermal management & CRCA sheet used as a back cover and fixed with aluminum extrusion.

Light source

High efficiency long life SMD LED module.

Diffuser

Micro structured wave guide (LGP), Opal Polycarbonate diffuser for glare free, symmetrical light distribution.

Electronic driver

Powered by independent isolated, SELV output electronic driver (SMPS based constant current supply) with Short-circuit protection, Over Voltage protection. Connector is provided at the back of the fixture for input supply connection.

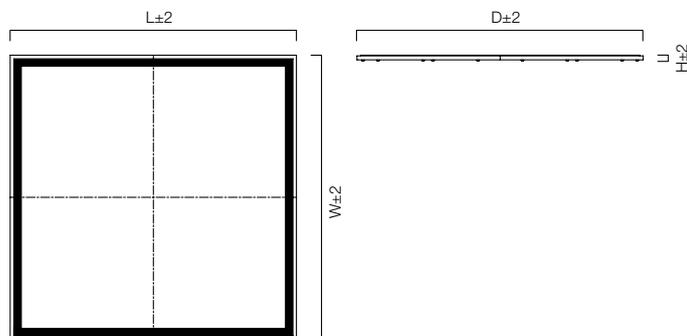
Mounting

- Suitable for armstrong / grid ceiling
- Provision for open suspension with chain hooks provided behind the fixture.

Applications

Conference rooms
Lobbies
Hotels
Jewellery shops
Offices

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
34W	595±2	595±2	11±2
42W	595±2	595±2	11±2

All dimensions are in mm



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOEWDRP5IL1W034	34W	240	0.180	≥0.90	≥80	3000K	2750
LOEWDRP6IL1W034	34W	240	0.180	≥0.90	≥80	4000K	2900
LOEWDRP7IL1W034	34W	240	0.180	≥0.90	≥80	6500K	3060
LOEWDRP5IL1W042	42W	240	0.220	≥0.90	≥80	3000K	3400
LOEWDRP6IL1W042	42W	240	0.220	≥0.90	≥80	4000K	3600
LOEWDRP7IL1W042	42W	240	0.220	≥0.90	≥80	6500K	3800

Ultra modern recess mounting luminaire with high performance LEDs, suitable for mounting with Armstrong/ Grid ceiling.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

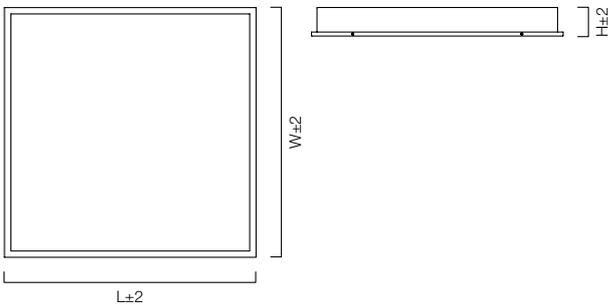
Housing & Finish

CRCA powder coated white after phosphochromate treatment.

Light source

High efficiency long life LED package in integral module with lumen efficacy of ≥ 150 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Cutout Size
18W	595±2	595±2	65±2	580x580
24W	595±2	595±2	65±2	580x580
28W	595±2	595±2	65±2	580x580
34W	595±2	595±2	65±2	580x580
36W	595±2	595±2	65±2	580x580

All dimensions are in mm

Optics

High transmittance polystyrene opal diffuser for glare free symmetric light distribution.

Electronic driver

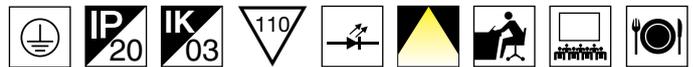
Powered by an independent, SELV Output electronic LED driver (SMPS based constant current supply) with Output Short-circuit protection, Surge protection & other safety test as per IS:15885 Part 2/Sec 13.

Mounting

Suitable only for Armstrong/Grid ceiling.

Applications

- Airport lounges
- Corporate offices
- Banks & ATM outlets
- Software centers
- Modern work spaces
- Hospital premises



Technical Data

System Power	Ordering Code			Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	System Lumens (lm)		
	3000K	4000K	6500K					3000K	4000K	6500K
18W		LHECDYL6PW1W018	LHECDYL7PW1W018	240	0.090	≥ 0.95	≥ 80		2160	2250
24W	LHECDYL5PW1W024	LHECDYL6PW1W024	LHECDYL7PW1W024	240	0.115	≥ 0.95	≥ 80	2640	2760	2880
28W	LHECDYL5PW1W028	LHECDYL5PW1W028	LHECDYL6PW1W028	240	0.130	≥ 0.95	≥ 80	3080	3220	3360
34W	LHECDYL5PW1W034	LHECDYL6PW1W034	LHECDYL7PW1W034	240	0.160	≥ 0.95	≥ 80	3400	3570	3750
36W	LHECDYL5PW1W036	LHECDYL6PW1W036	LHECDYL7PW1W036	240	0.170	≥ 0.95	≥ 80	3600	3780	4000

Driver code: LSSCRX2239 for 18W, LSSCRX2204 for 24W, LSSCRX2175 for 28W, LSSCRX2206 for 34W, LSSCRX2208 for 36W.

Pluto Surface LED Panel 1X1



Aesthetically designed 1x1 LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination.

Product Specifications

Features & Benefits

- Excellent efficacy & performance suitable for high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

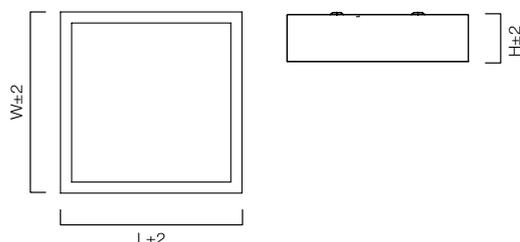
Housing & Finish

CRCA powder coated white after phosphochromate treatment.

Light source

High efficiency long life LED package in integral module with lumen efficacy of ≥ 140 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
15W	295±2	295±2	70±2

All dimensions are in mm

Optics

High transmittance polystyrene opal diffuser for glare free symmetric light distribution.

Electronic driver

Powered by built-in Isolated, SELV Output electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Short Circuit Protection, Surge Protection and other safety test as per IS 15885 Part 2/Sec 13.

Mounting

Provision for surface mounting through 4 nos. holes of $\varnothing 5$ mm provided at the back of the fixture.

Applications

Airport lounges
Corporate offices
Banks & ATM outlets
Software development centers
Hospital premises



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEWEIP6PL1W015	15W	240	0.075	≥ 0.95	≥ 80	4000K	1125
LHEWEIP7PK1W015	15W	240	0.075	≥ 0.95	≥ 80	5700K	1180

Driver code: GDEDAFCQA1015.

Pluto Surface LED Panel 2X2



Aesthetically designed 2x2 LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination.

Product Specifications

Features & Benefits

- Excellent efficacy & performance suitable for high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

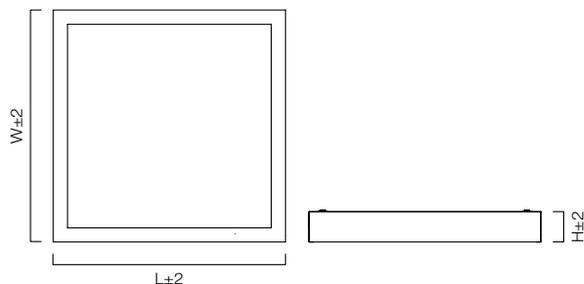
Housing & Finish

CRCA powder coated white after phosphochromate treatment.

Light source

High efficiency long life LED package in integral module with lumen efficacy of ≥ 140 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
34W	595±2	595±2	70±2
42W	595±2	595±2	70±2

All dimensions are in mm

Optics

High transmittance polystyrene opal diffuser for glare free symmetric light distribution.

Electronic driver

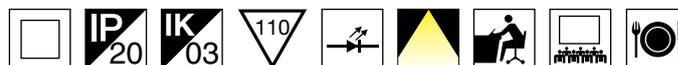
Powered by built-in Isolated, SELV Output electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Short-circuit protection, Surge protection & other safety test as per IS:15885 Part 2/Sec 13.

Mounting

Provision for surface mounting through 4 nos. holes of $\varnothing 5$ mm provided at the back of the fixture.

Applications

- Airport lounges
- Corporate offices
- Banks & ATM outlets
- Software development centers
- Hospital premises



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEWEIP6IK1W034	34W	240	0.165	≥ 0.95	≥ 80	4000K	3260
LHEWEIP7IW1W034	34W	240	0.165	≥ 0.95	≥ 80	5700K	3450
LHEWEIP6PN1W042	42W	240	0.195	≥ 0.95	≥ 80	4000K	3800
LHEWEIP7PN1W042	42W	240	0.195	≥ 0.95	≥ 80	5700K	4000

Driver code: LSCELD00160 for 34W, LHGDVDDFCQAL040 for 42W,



LED Battens

E-Lite LED Pride Plus



Environmental friendly energy efficient ready to use, decorative shock proof ultra slim linear LED lighting fixture provides excellent light for display cases, show cases, residences and under-shelf application also.

Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 30000 hours

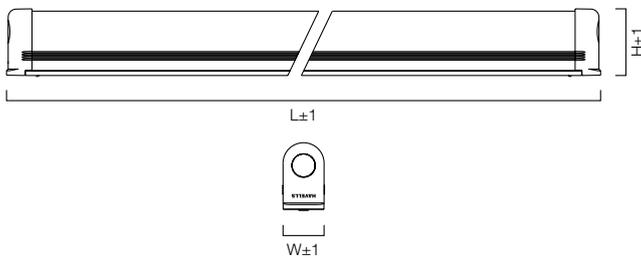
Housing & cover

Made of ultra slim co-extruded polycarbonate channel with housing part in white finish & diffuser part in reeded opal finish.

End caps

White finish ABS end caps with decorative circular coloured polycarbonate cap snap fitted on the end cap to enhance the aesthetic of the fixture. These end caps are snap-fitted to the fixture.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
5W	300±1	25±1	40±1
9W	600±1	25±1	40±1
18W	1150±1	25±1	40±1

All dimensions are in mm

Light source

High efficiency long life LED with lumen efficacy of 130 Lm/W with viewing angle of 120°.

Electronic driver

Integral electronic driver (SMPS based constant current output) with THD_≤20%, Output Short-Circuit Protection, Surge Voltage Protection & other safety test as per IS15885 Part 2/ Sec 13.

Mounting

Can be fixed directly into the wall/ ceiling by means of mounting SS clips provided with the fixture.

Applications

- Residences
- Showrooms
- Cove lighting
- Hospital premises
- Educational institutions
- Corridors



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEXBLP7IN1W005	5W	230	0.025	≥0.95	≥80	6000K	500
LHEXBLP7IN1W009	9W	230	0.040	≥0.95	≥80	6000K	900
LHEXBLP7PN1W018	18W	230	0.090	≥0.95	≥80	6000K	1800

Delite Neo



Environmental friendly energy efficient ready to use, decorative shock proof ultra slim square profile linear LED lighting fixture provides excellent light for display cases, show cases, residences and under-shelf application also.

Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

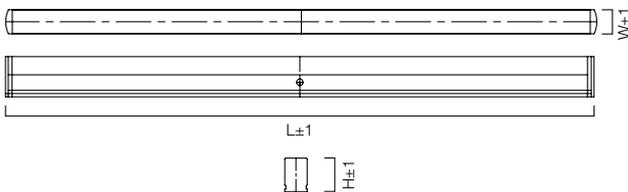
Housing

Made of ultra slim square profile extruded Polycarbonate channels and decorative end caps in white finish.

Light source

High efficiency long life LED with lumen efficacy of 130 Lm/W with viewing angle of 120°.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
18W	1185±1	22±1	37±1

All dimensions are in mm

Cover

High quality extruded poly carbonate reeded diffuser in square profile and opal finish for glare free light distribution.

Electronic driver

Integral electronic driver (SMPS based constant current output) with THD \leq 20%, Output Short-Circuit Protection, Surge Protection & other safety test as per IS 15885 Part 2/ Sec 13.

Mounting

Can be fixed directly into the wall/ ceiling by means of mounting SS clips provided with the fixture.

Applications

- Residences
- Showrooms
- Cove lighting
- Hospital premises
- Educational institutions
- Corridors



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEXBTP7IN1W018	18W	230	0.080	\geq 0.90	\geq 80	6500K	1800

Maxoled Batten LED



General purpose compact batten suitable for single LED Tubelight with integral LED driver, available in opposite side connection options.

Product Specifications

Housing & cover

Housing made up of CRCA sheet steel.

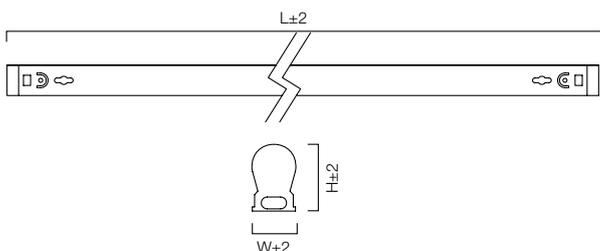
Finish

Epoxy powder coated white after phosphochromate treatment.

Lamp holders

Push fit type white polycarbonate housing and ABS rotor with corrosion resistant brass contacts.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
1x20W LED T8	1220±2	29±2	45±2

All dimensions are in mm

Light source

Complete internal wiring suitable for retrofit LED tubelight with connections.
* LED Tube Light Data Sheet (Supply connection on opposite side)

Mounting

On ceiling/ wall with screws at a distance of 1112 mm.

Applications

Schools
Lobbies
Residences



Technical Data

Ordering Code	Lamp	Nominal Voltage (V)
LOFXCEP1TN1W020	upto 1x20W LED T8	250





LED Tubes & Lamps

Maxoled Tubelight



Energy saving ultra bright ready to use T8 LED Tubelight (opposite side connections) with very high efficacy suited for installation in existing tubelight G13 lamp holders to give glare free light.

Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 25000 hours

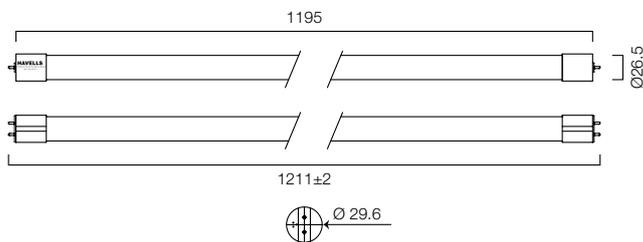
Housing & Finish

Mono phosphor coated glass tube to provide glare free uniform light distribution. End caps are glued to the glass tube.

System efficacy

Best in class efficacy ≥ 85 Lm/W which translates into low power consumption and high brightness.

Dimensional Drawing



All dimensions are in mm

Electronic driver

Integral electronic driver (SMPS based constant current supply) fixed into end caps of the fixture.

Mounting

Can be fixed directly into the existing T8/T12 FTL conventional fixtures (with electro magnetic ballast) after removing the starter & new fixture can be managed accordingly.

Applications

Corporate offices
Shopping Malls
Restaurants
Hotels
Educational Lighting
Parkings



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOLDDBXD5L7R020	20W	240	0.165	G 13	≥ 0.50	≥ 70	6000K	1800

Spectra Glass Tubelight



Ultra bright LED Tubelight (opposite side connections) with very high efficacy suited for installation in existing tubelight G13 lamp holders to give glare free light.

Product Specifications

Features & Benefits

- Excellent efficacy & performance
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

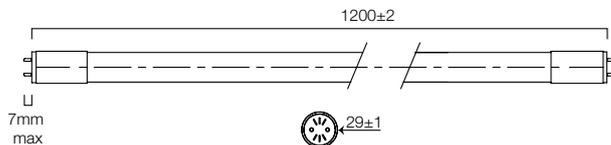
Housing & Finish

Soda glass tube coated with water based silicon adhesive to provide glare free uniform light distribution.

Light source

High efficiency long life SMD LED module is mounted on MCPCB with lumen efficacy of 140 lm/W to enhance the lumen output.

Dimensional Drawing



All dimensions are in mm

End caps

High quality polycarbonate end caps in white finish are snap fitted to the housing.

Electronic driver

Powered by an integral electronic driver (SMPS based constant current supply) with THD \leq 15%, Output Short-Circuit Protection, Surge Voltage Protection upto 3kV and other safety test as per IS15885 Part2/Sec13.

Mounting

Direct installed in existing T8/T12 FTL conventional lighting fixtures, refer wiring diagram for proper installation.

Applications

- Corporate offices
- Shopping Malls
- Restaurants
- Hotels
- Educational Facility
- Parkings



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Lamp Socket	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOLDDAXEUL8Z018	18W	240	0.080	G 13	\geq 0.50	\geq 80	6500K	1900

Photon Ultra PL-L

Ultra bright LED PL-L with very high efficacy suited for installation in existing 2G11 lamp holders to give glare free light.



Product Specifications

Features & Benefits

- Excellent efficacy & performance
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

Housing & Finish

Elegantly designed aluminium heat sink for effective thermal management, sturdiness & excellent corrosion resistant.

Light source

High efficiency long life SMD LED module with lumen efficacy of 130 lm/W to enhance the lumen output.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
9W	222±2	44±2	29±2
18W	419±2	44±2	29±2

All dimensions are in mm

End caps

White finish ABS end caps screw to the heat sink on both side of the fixture to enhance the aesthetics of the tubelight.

Electronic driver

Powered by a integral electronic driver (SMPS based constant current supply) with THD \leq 10%, Output Short-Circuit Protection, Surge Voltage Protection & other safety test as per IS 15885 Part2/Sec13.

Mounting

Perfectly fits into existing PL-L fixtures with 2G11 lamp holders, refer wiring diagram for proper installation.

Applications

- Corporate offices
- Shopping Malls
- Restaurants
- Hotels
- Educational Facility
- Parkings



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Lamp Holder	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHLDCLXEUL83010	9W	240	0.040	2G11	\geq 0.95	\geq 80	6500K	900
LHLDCLXEUL83013	18W	240	0.080	2G11	\geq 0.95	\geq 80	6500K	1800

BrightFill LED Filament Lamp - A45



BrightFill LED Filament lamp with classic vintage style for omni-directional light.

Product Specifications

Features & Benefits

- Classic look similar to vintage incandescent lamp
- Innovative LED Filament technology – no need of heat sink
- Omni-directional light (Beam Angle > 300 degrees)
- Direct retrofit solution to CFL , incandescent bulb
- Instant light – no warm up time
- Very long life ~ 15000 hours (15 years)
- Up to 90% energy saving compared to incandescent bulb

Housing & Finish

Ball shaped (A45) glass bulb with clear finish.

LED driver

Powered by electronic driver with constant current supply.

Mounting

Suitable for E14 lamp holder.

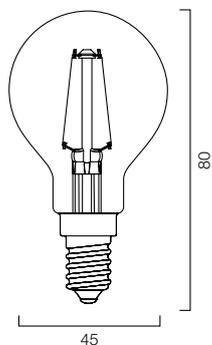
Applications

Decorative lighting
Hospitality: Hotels & Restaurants
Domestic & general illumination
Retail showroom
Display area
Lounges

With BIS Certification :

Self Declaration - conforming to IS16102 part:1: 2012, R- 85000302.

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDDZOCYC8U002	2W	220-240	0.020	E 14	≥0.47	3000K	225
LOLDDDOCYC8U004	4W	220-240	0.033	E 14	≥0.45	3000K	430

BrightFill LED Filament Lamp - A60



BrightFill LED Filament lamp with classic vintage style for omni-directional light.

Product Specifications

Features & Benefits

- Classic look similar to vintage incandescent lamp
- Innovative LED Filament technology – no need of heat sink
- Omni-directional light (Beam Angle > 300 degrees)
- Direct retrofit solution to CFL , incandescent bulb
- Instant light – no warm up time
- Very long life ~ 15000 hours (15 years)
- Up to 90% energy saving compared to incandescent bulb

Housing & Finish

Classic A60 glass bulb with clear finish.

LED driver

Powered by electronic driver with constant current supply.

Mounting

Suitable for B22 and E27 lamp holder.

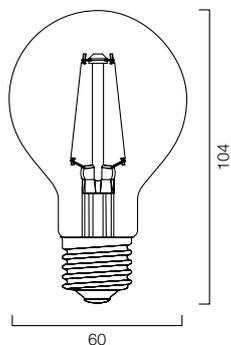
Applications

Decorative lighting
Hospitality: Hotels & Restaurants
Domestic & general illumination
Retail showroom
Display area
Lounges

With BIS Certification :

Self Declaration - conforming to IS16102 part:1: 2012, R- 85000302.

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDDEECYC8U002	2W	220-240	0.017	B 22	≥0.53	3000K	225
LOLDDEECYC8U004	4W	220-240	0.029	B 22	≥0.57	3000K	430
LOLDDEECYC8U006	6W	220-240	0.045	B 22	≥0.60	3000K	660
LOLDDEECYC8U7X5	7.5W	220-240	0.053	B 22	≥0.62	3000K	800
LOLDDEHCYC8U002	2W	220-240	0.017	E 27	≥0.53	3000K	225
LOLDDEHCYC8U004	4W	220-240	0.029	E 27	≥0.57	3000K	430
LOLDDEHCYC8U006	6W	220-240	0.045	E 27	≥0.60	3000K	660
LOLDDEHCYC8U7X5	7.5W	220-240	0.053	E 27	≥0.62	3000K	800

BrightFill LED Filament Lamp - Candle



BrightFill LED Filament lamp with classic vintage style for omni-directional light.

Product Specifications

Features & Benefits

- Classic look similar to vintage incandescent lamp
- Innovative LED Filament technology – no need of heat sink
- Omni-directional light (Beam Angle > 300 degrees)
- Direct retrofit solution to CFL , incandescent bulb
- Instant light – no warm up time
- Very long life ~ 15000 hours (15 years)
- Up to 90% energy saving compared to incandescent bulb

Housing & Finish

Candle shaped (C35) glass bulb with clear finish.

LED driver

Powered by electronic driver with constant current supply.

Mounting

Suitable for E14, B22 and E27 lamp holder.

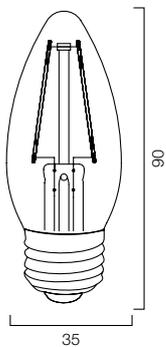
Applications

Decorative lighting
 Hospitality: Hotels & Restaurants
 Domestic & general illumination
 Retail showroom
 Display area
 Lounges

With BIS Certification :

Self Declaration - conforming to IS16102 part:1: 2012, R- 85000302.

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDACECYC8U002	2W	220-240	0.017	B 22	≥0.53	3000K	225
LOLDACECYC8U004	4W	220-240	0.029	B 22	≥0.57	3000K	430
LOLDACHCYC8U002	2W	220-240	0.017	E 27	≥0.60	3000K	225
LOLDACHCYC8U004	4W	220-240	0.029	E 27	≥0.62	3000K	430
LOLDACOCYC8U002	2W	220-240	0.020	E 14	≥0.53	3000K	225
LOLDACOCYC8U004	4W	220-240	0.033	E 14	≥0.57	3000K	430

BrightFill LED Filament Dimmable Lamp - A60



BrightFill LED Filament Dimmable lamp with classic vintage style for omni-directional light.

Product Specifications

Features & Benefits

- Classic look similar to vintage incandescent lamp
- Dimmable (up to 85% in compatible* dimmer)
- Suitable for ambience and mood creation
- Innovative LED Filament technology – no need of heat sink
- Omni-directional light (Beam Angle > 300 degrees)
- Direct retrofit solution to CFL, incandescent bulb
- Instant light – no warm up time
- Very long life ~ 15000 hours (15 years)
- Up to 90% energy saving compared to incandescent bulb

Housing & Finish

Classic A60 glass bulb with clear finish.

LED driver

Powered by electronic driver and suitable dimmer.

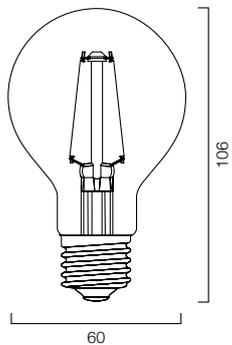
Mounting

Suitable for B22 and E27 lamp holder.

Applications

Decorative lighting
 Hospitality: Hotels & Restaurants
 Domestic & general illumination
 Retail showroom
 Display area
 Lounges

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDDEECYC8U005	5W	220-240	0.026	B 22	≥0.75	3000K	475
LOLDDEHCYC8U005	5W	220-240	0.026	E 27	≥0.75	3000K	475
LOLDDEECYC8U007	7W	220-240	0.0367	B 22	≥0.75	3000K	850
LOLDDEHCYC8U007	7W	220-240	0.0367	E 27	≥0.75	3000K	850

Dimmer type – Trailing edge (R and C)
 Recommended dimmers: Legrand, Etman, Anchor, Zano etc.

BrightFill LED Filament Dimmable Lamp - Candle

BrightFill LED Filament lamp with classic vintage style for omni-directional light.



Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- Instant Start (100% lumens <2sec)
- Very long life ~ 15000 hours (15 years)
- Classic look similar to vintage incandescent lamp
- Dimmable (up to 85% in compatible* dimmer)
- Innovative LED Filament technology – no need of heat sink
- Omni-directional light (Beam Angle > 300 degrees)
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Candle shaped (C35) glass bulb in clear finish with PC housing for driver.

LED driver

Powered by electronic driver with constant current supply.

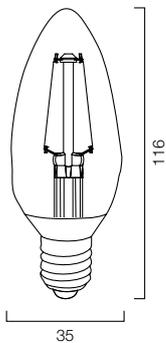
Mounting

Suitable for E14 lamp holder.

Applications

Decorative lighting
Hospitality: Hotels & Restaurants
Domestic & general illumination
Retail showroom
Display area
Lounges

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDACOCYC8U2X5	2.5W	220-240	0.0228	E 14	≥0.50	3000K	275
LOLDACOCYC8U005	5W	220-240	0.026	E 14	≥0.75	3000K	475

Dimmer type – Trailing edge (R and C)
Recommended dimmers: Legrand, Etman, Anchor, Zano etc.

Adore LED 5.5W MR16 Lamp

Bright Compact 5.5W LED MR16 Lamp with high lumen, to give glare free light.



Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac
- Withstands voltage Fluctuations from 140-270Vac
- Light Beam Angle 38°C
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply
- Operating Temperature -10° to 35°C
- Contains no mercury
- Emits virtually no UV/IR light in the beam

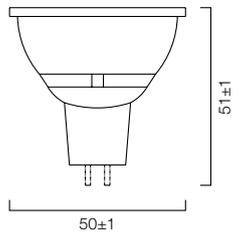
Housing & Finish

Elegantly designed with proper Aluminium Insert PBT heat sink for heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply).

Dimensional Drawing



All dimensions are in mm

Mounting

Suitable for GU5.3 holders.

Applications

Corporate offices
Shopping malls
Restaurants
Hotel
Exhibition Area
Retail
Hospitality
Indoor Lighting in homes
Residential spaces



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Colour Temperature (CCT)	System Lumens (lm)
LOLDERMCHD8R5X5	5.5W	220-240	0.050	GU5.3	3000K	440
LOLDERMCHH8R5X5	5.5W	220-240	0.050	GU5.3	4000K	465
LOLDERMCHL8R5X5	5.5W	220-240	0.050	GU5.3	6500K	490

Adore LED 6.5W MR16 Dimmable Lamp

Bright Compact 6.5W LED MR16 Dimmable Lamp with high lumen, to give glare free light.



Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac
- Dimmable (upto 85% with compatible* Dimmers)
- Light Beam Angle 38°C
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply
- Operating temperature -10°C to 35°C
- Contains no mercury
- Emits virtually no UV/IR light in the beam

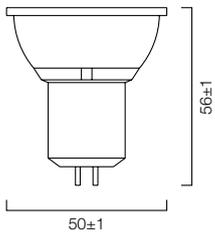
Housing & Finish

Elegantly designed with proper Aluminium Insert PBT heat sink for heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply).

Dimensional Drawing



All dimensions are in mm

Mounting

Suitable for GU5.3 holders.

Applications

Corporate offices
Shopping malls
Restaurants
Hotel
Exhibition Area
Retail
Hospitality
Indoor Lighting in homes
Residential spaces



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Colour Temperature (CCT)	System Lumens (lm)
LOLDERMCHD8R6X5	6.5W	220-240	0.030	GU5.3	3000K	470
LOLDERMCHH8R6X5	6.5W	220-240	0.030	GU5.3	4000K	495
LOLDERMCHL8R6X5	6.5W	220-240	0.030	GU5.3	6500K	520

Recommended dimmers: Legrand Cat 400L, Shuttle SDIMR-T-LED500W

Adore LED 6W GU10 Lamp



Bright Compact 6W LED GU10 Lamp with high lumen, to give glare free light.

Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac
- Withstands voltage Fluctuations from 140-270Vac
- Light Beam Angle 38°C
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply
- Operating Temperature -10°C to 35°C
- Contains no mercury
- Emits virtually no UV/IR light in the beam

Housing & Finish

Elegantly designed with proper Aluminium Insert PBT heat sink for heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply).

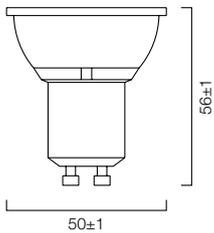
Mounting

Suitable for GU10 holders.

Applications

Corporate offices
Shopping malls
Restaurants
Hotel
Exhibition Area
Retail
Hospitality
Indoor Lighting in homes
Residential spaces

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Colour Temperature (CCT)	System Lumens (lm)
LOLDERLCHD8R006	6W	220-240	0.050	GU10	3000K	500
LOLDERLCHH8R006	6W	220-240	0.050	GU10	4000K	525
LOLDERLCHL8R006	6W	220-240	0.050	GU10	6500K	550

Adore LED 6.5W GU10 Dimmable Lamp

Bright Compact 6.5W LED GU10 Dimmable Lamp with high lumen, to give glare free light.



Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac
- Dimmable (upto 85% with compatible* Dimmers)
- Light Beam Angle 38°C
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply
- Operating temperature -10°C to 35°C
- Contains no mercury
- Emits virtually no UV/IR light in the beam

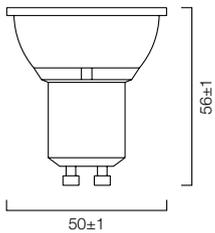
Housing & Finish

Elegantly designed with proper Aluminium Insert PBT heat sink for heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply).

Dimensional Drawing



All dimensions are in mm

Mounting

Suitable for GU10 holders.

Applications

- Corporate offices
- Shopping malls
- Restaurants
- Hotel
- Exhibition Area
- Retail
- Hospitality
- Indoor Lighting in homes
- Residential spaces



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Colour Temperature (CCT)	System Lumens (lm)
LOLDERLCHD8R6X5	6.5W	220-240	0.030	GU10	3000K	470
LOLDERLCHH8R6X5	6.5W	220-240	0.030	GU10	4000K	495
LOLDERLCHL8R6X5	6.5W	220-240	0.030	GU10	6500K	520

Recommended dimmers: Legrand Cat 400L, Shuttle SDIMR-T-LED500W

Adore LED Lamp 0.5W Coloured

Bright Compact 0.5W LED Lamp to give glare free light.



Product Specifications

Features & Benefits

- Very Low Power Consumption
- Extremely long Life
- Simple direct replacement of incandescent lamp
- Efficient generation of red, green, blue, yellow & white light
- LED Lamp for line line voltage.
- Not suitable for use with dimmers
- Instant Start
- Switching cycle > 100000x
- Easily replaceable for GLS & CFL sockets
- Mercury free lamps

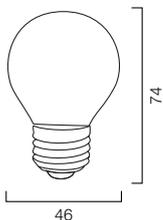
Mounting

Suitable for B22, E27 lamp holders.

Applications

- Indoor Lighting
- Terraces
- Garland of lights
- Leisure parks
- Exhibition lighting

Dimensional Drawing



System Power	Length (L)	Width (W)
0.5W B22	74	46
0.5W E27	74	46

All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour	System Lumens (lm)
LOLDAFUEULNX0X5	0.5W	220-240	0.015	B 22	0.100	White	N/A
LOLDAFUEUCNX0X5	0.5W	220-240	0.015	B 22	0.100	Yellow	N/A
LOLDAFUEUSNX0X5	0.5W	220-240	0.015	B 22	0.100	Blue	N/A
LOLDAFUEUNX0X5	0.5W	220-240	0.015	B 22	0.100	Green	N/A
LOLDAFUEUPNX0X5	0.5W	220-240	0.015	B 22	0.100	Red	N/A
LOLDAFHEULNX0X5	0.5W	220-240	0.015	E 27	0.100	White	N/A
LOLDAFHEUCNX0X5	0.5W	220-240	0.015	E 27	0.100	Yellow	N/A
LOLDAFHEUSNX0X5	0.5W	220-240	0.015	E 27	0.100	Blue	N/A
LOLDAFHEUNX0X5	0.5W	220-240	0.015	E 27	0.100	Green	N/A
LOLDAFHEUPNX0X5	0.5W	220-240	0.015	E 27	0.100	Red	N/A

Adore LED Lamp 3W Candle

Ultra bright compact 3W LED lamp with high lumen 270lm, to give glare free light.



Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 130-280V AC
- In-built 2.5kV Surge Protection
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum heat sink for efficient heat dissipation.

Diffuser

Polycarbonate P45 diffuser for glare free uniform light distribution.

Electronic driver

Powered by an electronic driver.

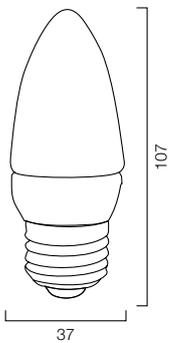
Mounting

Suitable for B22, E27 and E14 lamp holders.

Applications

Corporate Offices
Shopping Malls
Restaurants
Hotel
Modern Gym/Spa
Exhibition Area
Educational Lighting
Indoor Lighting in homes

Dimensional Drawing



All dimensions are in mm



Technical Data

Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Colour Temperature (CCT)	System Lumens (lm)
LOLDERUEML9X003	3W	220-240	0.070	B 22	6500K	270
LOLDERUEMD9X003	3W	220-240	0.070	B 22	3000K	240
LOLDERHEML9X003	3W	220-240	0.070	E 27	6500K	270
LOLDERHEMD9X003	3W	220-240	0.070	E 27	3000K	240
LOLDEROEML9X003	3W	220-240	0.070	E 14	6500K	270
LOLDEROEMD9X003	3W	220-240	0.070	E 14	3000K	240

Adore LED Lamp

3W/5W/7W/10W/15W/20W

Ultra bright compact LED lamp with high lumen 270lm, to give glare free light.



Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 130-280V AC
- In-built 2.5kV Surge Protection
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum heat sink for efficient heat dissipation.

Diffuser

Polycarbonate P45 diffuser for glare free uniform light distribution.

Electronic driver

Powered by an electronic driver.

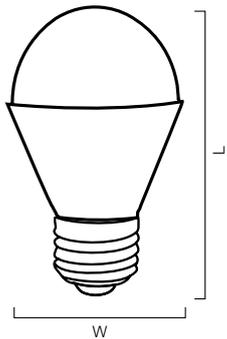
Mounting

Suitable for B22, E27 and E14 lamp holders.

Applications

Corporate Offices.
Shopping Malls.
Restaurants.
Hotel.
Modern Gym/Spa.
Exhibition Area.
Educational Lighting.
Indoor Lighting in homes

Dimensional Drawing



System Power	Length (L)	Width (W)
3W	82	45
5W/7W/10W	102	56
15W	125	65
20W	150	80

All dimensions are in mm



Technical Data

System Power	Ordering Code			Colour Temperature (CCT)	Rated Voltage (V AC)	Mains Current (A)	Power Factor	System Lumens (lm)
	E 14	E 27	B 22					
3W	LOLDEROEMD8X003	LOLDERHEMD8X003	LOLDEREEMD8X003	3000K	220-240	0.070	-	240
3W	LOLDEROEML8X003	LOLDERHEML8X003	LOLDEREEML8X003	6500K	220-240	0.070	-	270
5W	-	LOLDERHEMD8X005	LOLDEREEMD8X005	3000K	220-240	0.030	≥0.90	420
5W	-	LOLDERHEML8X005	LOLDERUEML8X005	6500K	220-240	0.030	≥0.90	475
7W	-	LOLDERHEMD8X007	LOLDEREEMD8X007	3000K	220-240	0.040	≥0.90	585
7W	-	LOLDERHEML8X007	LOLDERUEML8X007	6500K	220-240	0.040	≥0.90	665
10W	-	LOLDERHEMD8X010	LOLDEREEMD8X010	3000K	220-240	0.055	≥0.90	835
10W	-	LOLDERHEML8X010	LOLDERUEML8X010	6500K	220-240	0.055	≥0.90	950
15W	-	LOLDERHEMD8X015	LOLDEREEMD8X015	3000K	220-240	0.070	≥0.90	1285
15W	-	LOLDERHEMK8X015	LOLDEREEMK8X015	6500K	220-240	0.070	≥0.90	1425
20W	-	LOLDERHEMC8X020	LOLDEREEMC8X020	3000K	220-240	0.100	≥0.90	1800
20W	-	LOLDERHEML8X020	LOLDEREEMK8X020	6500K	220-240	0.100	≥0.90	2000





Industrial Lighting

Endura Magnum Neo

Energy saving, environmental friendly, long life, corrosion resistant, impact proof, surface mounting IP65 luminaire with PC housing & opal finish cover suitable for wet location. LEDs used as light source.



Product Specifications

Features & Benefits

- Excellent efficacy & performance suitable for wall/ceiling and suspended installation
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 30000 hours

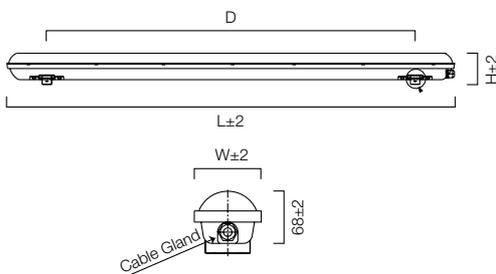
Housing & Finish

Made up of scratch resistant unbreakable polycarbonate in grey finish. Cable gland is used for maintaining ingress protection.

Light source

High efficiency long life LED package in integral module with high lumen efficacy and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	CD of mounting holes (D)
20W	580±2	80±2	70±2	225±2
40W	1180±2	80±2	70±2	800±2

All dimensions are in mm

Cover

High quality polycarbonate diffuser in opal finish for glare free uniform light distribution, snap fitted to the housing.

Reflector

With power coated CRCA sheet acts as reflector and control gear tray.

Electronic driver

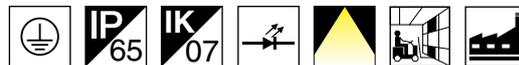
Powered by an integral electronic driver (SMPS based constant current supply) with THD_≤33%, Output Short-circuit / Open Circuit protection, Surge protection & safety test as per IS:15885 Part 2/Sec 13.

Mounting

Surface & suspended through 2 nos. SS clamps & screws provided with fixture.

Applications

- Battery rooms
- Chilling plants
- Underground parkings
- Thermal power stations



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOEKAWN7UZ6J020	20W	240	0.095	≥0.90	≥80	6500K	1800
LOEKAWN7UZ6J040	40W	240	0.190	≥0.90	≥80	6500K	3600

Endura Baybrite Saucer 80/120W

Energy saving, environment friendly & robust Mediumbay / Highbay LED luminaire with high efficacy.



Product Specifications

Features & Benefits

- Better lumens & longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140 -270V
- LED average life: 50000 hours

Housing

Aluminum alloy pressure die casted housing & control gear box for better heat dissipation and aesthetic appeal. PG9 gland is used for cable entry and loopin-loopout.

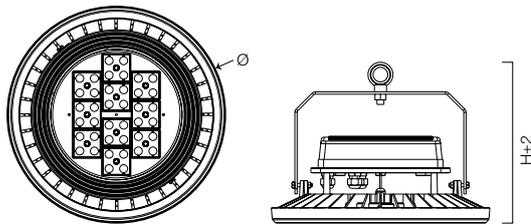
Finish

The fixture is epoxy powder coated with colour munshell grey finish.

Light source

High efficiency long life LEDs with lumen efficacy of ≥ 150 lm/W with view angle 120° to ensure better uniformity of light distribution.

Dimensional Drawing



System Power	Ø (Dia)	Height (H)
80W	380	230±2
120W	380	230±2

All dimensions are in mm

Optics

High quality PC lens with optional narrow & wide beam angles for uniform distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

Integral, electronic driver with APFC, lower THD, Open Circuit Protection, Surge Voltage Protection upto 10kV with external SPD & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suspended by means of heavy duty nickel plated, forged eye-bolt provided with the fixture.

Applications

Cement & steel plants
Ware houses
Factories & assembly lines
Toll plazas



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Beam Angle (°)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHELANU7IH6J080	80W	240	NB 60°	0.350	≥ 0.95	≥ 70	5700K	10500
LHELANU7IG6J080	80W	240	WB 90°	0.350	≥ 0.95	≥ 70	5700K	10500
LHELANU7IH6J120	120W	240	NB 60°	0.530	≥ 0.95	≥ 70	5700K	15600
LHELANU7IG6J120	120W	240	WB 90°	0.530	≥ 0.95	≥ 70	5700K	15600

Driver code: LSCELDX0196 for 80W, LSSCRX1874 for 120W.

Endura Baybrite Saucer

180/200W

Energy saving, environment friendly & robust Highbay LED luminaire with high efficacy.



Product Specifications

Features & Benefits

- Better lumens & longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +50°C
- Operating voltage range: 120 -270V
- LED average life: 50000 hours

Housing

Aluminum alloy pressure die casted housing & control gear box for better heat dissipation and aesthetic appeal. 2 nos.PG9 gland is used for cable entry and loopin-loopout.

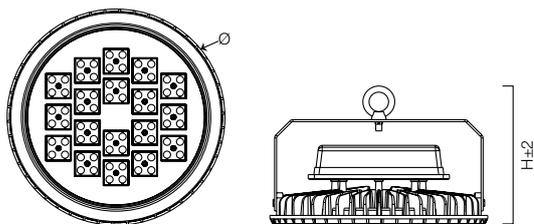
Finish

The fixture is epoxy powder coated with colour munshell grey finish.

Light source

High efficiency long life LEDs with lumen efficacy of ≥ 150 lm/W with view angle 120° to ensure better uniformity of light distribution.

Dimensional Drawing



System Power	Ø (Dia)	Height (H)
180W	424	270±2
200W	424	270±2

All dimensions are in mm

Optics

High quality PC lens with optional narrow & wide beam angles for uniform distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

Built-In Potted IP67 electronic LED driver with APFC, lower THD, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection upto 10kV with integral SPD & other safety test as per IS 15885 Part-2/Sec 13, IEC60598-1, 61547, 61347-2-13, EN 55015.

Mounting

Suspended by means of heavy duty nickel plated, forged eye-bolt provided with the fixture.

Applications

Cement & steel plants
Ware houses
Factories & assembly lines
Toll plazas



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Beam Angle (°)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHELAQU7PG6S180	180W	240	NB 35°	0.790	≥ 0.95	≥ 70	5700K	24300
LHELAQU7PG6W180	180W	240	WB 60°	0.790	≥ 0.95	≥ 70	5700K	24300
LHELAQU7PG6S200	200W	240	NB 35°	0.880	≥ 0.95	≥ 70	5700K	26000
LHELAQU7PG6W200	200W	240	WB 60°	0.880	≥ 0.95	≥ 70	5700K	26000

Driver code: LSCELDOX0246 for 180W & LSCELDOX0272 200W.

Endura BayBrite Plus

Energy saving, environmental friendly, long life, exclusive innovative pressure die-cast aluminium IP66 Bay light with high power LEDs as light source, suitable for highlighting architectural features or retail spaces.



Product Specifications

Features & Benefits

- Better lumens & longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

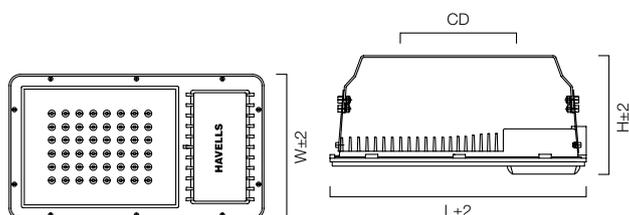
Housing

Aluminum alloy pressure die casted housing & control gear box for better heat dissipation and aesthetic appeal. Cable gland is used for cable entry and loopin-loopout.

Finish

The fixture is epoxy powder coated with colour munshell grey finish.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
80W	410±2	232±2	227±2
90W	410±2	232±2	227±2
120W	443±2	252±2	238±2
150W	514±2	251±2	238±2

All dimensions are in mm

Light source

High efficiency long life LEDs with lumen efficacy of ≥ 150 lm/W with view angle 120° to ensure better uniformity of light distribution.

Optics

High quality PC lens with optional beam angles 60° & 90° for uniform distribution.

Electronic driver

Integral, electronic driver with APFC, with THD $\leq 10\%$, Open Circuit protection, Surge Voltage protection & other safety test as per IS:15885 Part 2/Sec 13.

Mounting

Suspended by means of heavy duty nickel plated, forged eye-bolt provided with the fixture.

Applications

- Cement & steel plants
- Ware houses
- Factories & assembly lines
- Toll plazas



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHELANU7PG6J080	80W	240	0.400	≥ 0.95	≥ 70	5700K	8000
LHELANU7PG6J090	90W	240	0.410	≥ 0.95	≥ 70	5700K	9000
LHELANU7PG6J120	120W	240	0.530	≥ 0.95	≥ 70	5700K	12000
LHELANU7PG6J150	150W	240	0.630	≥ 0.95	≥ 70	5700K	15000

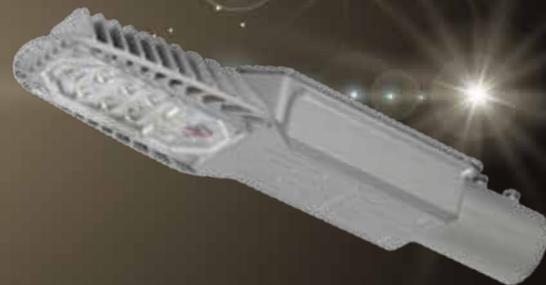
Driver code: LSSLOX0126 for 80W, LSSLOX0126 for 90W, LSSCRX2006 for 120W & LSSLOX0135 for 150W,



Outdoor Lighting

Endura Pearl 15/20/25W

New generation energy saving and environmental friendly long life LED street light made up of pressure die cast aluminium housing with high power LED as lighting source and lens embedded PC cover having TOP Opening separate driver compartment with IP65 protection and impact resistance of IK07.



Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

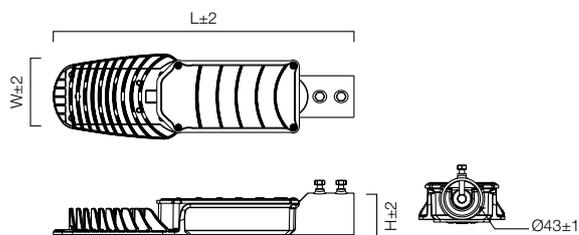
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness, excellent corrosion resistant, separate optical and control gear compartment & top opening for easy maintenance.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
15W	351±2	100±2	54±2
20W	351±2	100±2	54±2
25W	351±2	100±2	54±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED >140 lm/W.

Optics

High efficiency polycarbonate UV stabilized cover with integrated Lens to ensure Asymmetrical batwing light distribution.

Electronic driver

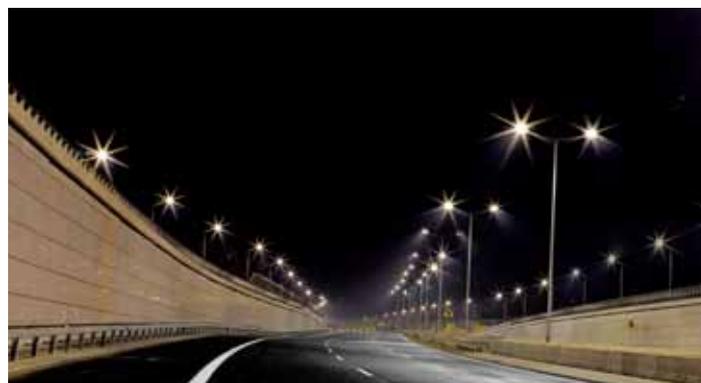
Powered by integral, isolated electronic LED driver (SMPS based constant current supply) with THD_≤10%, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for side entry, pole mounting with bracket arm OD 35mm-42mm. Recommended mounting height with suitable inground reinforcement is 3-5 mtr.

Applications

- City road lighting
- Shopping centers perimeter lighting
- City lighting renovation
- Urban landscaping



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETBXU7IA6S015	15W	240	0.065	≥0.95	≥70	5700K	1620
LHETBXU7PA6S020	20W	240	0.085	≥0.95	≥70	5700K	2160
LHETBXU7PA6S025	25W	240	0.105	≥0.95	≥70	5700K	2550

Driver code: LSCELD0X0196 for 80W, LSSCRX1874 for 120W,

Endura Citylite Platinum



Energy saving and environmental friendly long life LED street light made up of pressure die cast aluminium housing with acrylic cover as diffuser with IP66 protection and Impact resistance of IK07.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

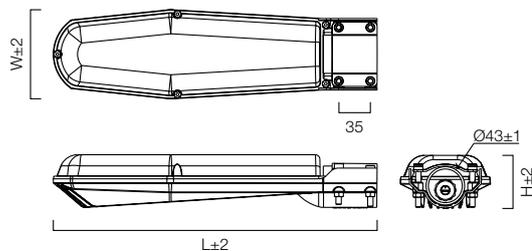
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated metallic silver finish after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
15W	360±2	100±2	60±2
20W	360±2	100±2	60±2
25W	360±2	100±2	60±2
30W	360±2	100±2	60±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective custom moulded polycarbonate diffuser, thermal shock and impact resistant (IK-08) fixed to the housing by SS screws.

Electronic driver

Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for pole mounting with bracket arm OD of 35-42mm. Recommended mounting height with suitable inground reinforcement is 3-6 mtr.

Applications

- City road lighting
- Shopping centers perimeter lighting
- City lighting renovation/ up gradation project
- Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEWEBP7PL6S015	15W	240	0.070	≥ 0.95	≥ 80	5700K	1575
LHEWEBP7PL6S020	20W	240	0.095	≥ 0.95	≥ 80	5700K	2100
LHEWEBP7PL6S025	25W	240	0.110	≥ 0.95	≥ 80	5700K	2500
LHEWEBP7PL6S030	30W	240	0.140	≥ 0.95	≥ 80	5700K	3300

Driver code: CELDOX0063 for 15W, CELDOX0064 for 20W, CELDOX0048 for 25W, CELDOX0065 for 30W.

Endura Citylite Platinum TGL



LED streetlight made up of pressure die cast housing with toughened glass and individual high power LEDs with secondary optics, IP65 protection and impact resistance of IK07.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

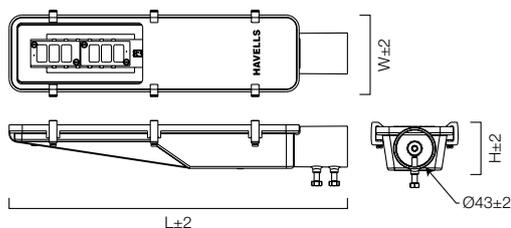
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated metallic silver finish after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
15W	385±2	88±2	60±2
20W	385±2	88±2	60±2
25W	385±2	88±2	60±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant (IK-07) fixed to the housing with cast aluminum toggles.

Electronic driver

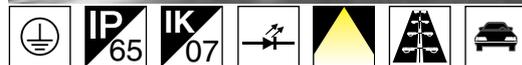
Powered by integral, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for side entry, pole mounting with bracket arm OD 35mm-42mm. Recommended mounting height with suitable inground reinforcement is 3-5 mtr.

Applications

City road lighting
Shopping centers perimeter lighting
City lighting renovation/ up gradation project
Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETAXU7PA6S015	15W	240	0.065	≥ 0.95	≥ 70	5700K	1500
LHETAXU7PA6S020	20W	240	0.090	≥ 0.95	≥ 70	5700K	2000
LHETAXU7PA6S025	25W	240	0.110	≥ 0.95	≥ 70	5700K	2500

Driver code: LSCELDLX0064 for 15W, LSCELDLX0083 for 20W, LSCELDLX0146 for 25W.

Endura Cityliner Neo Plus



LED streetlight made up of pressure die cast housing with toughened glass and individual high power LEDs with secondary optics, IP66 protection, impact resistance of IK07 & 10 KV external SPD.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

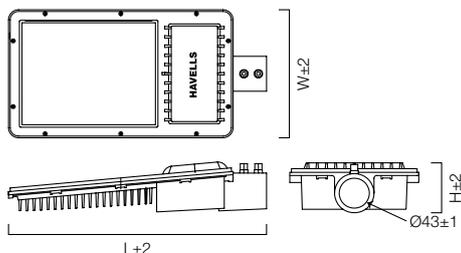
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
48W	340±2	135±2	70±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection with external SPD (10kV) & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for pole mounting with bracket arm OD of 35-42mm. Recommended mounting height with suitable inground reinforcement is 4-6 mtr.

Applications

- City road lighting
- Shopping centers perimeter lighting
- City lighting renovation/ up gradation project
- Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETAXU7PA6W048	48W	240	0.220	≥ 0.95	≥ 70	5700K	4560

Driver code: LSCELDX0137.

Endura Pearl Plus

New generation energy saving & environmental friendly long life versatile pressure die-cast aluminium Streetlight luminaire with high power LED as light source.



Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Aesthetically designed pressure die-cast aluminium housing with top opening service cover with powder coated metallic grey finish
- Instant light with low running temperatures
- Operating temperature: -10°C to +50°C
- Operating voltage range: 120-270V
- LED average life: 50000 hours

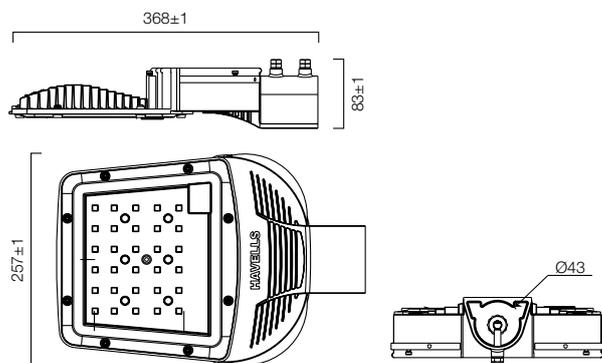
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness, excellent corrosion resistant, separate optical and control gear compartment.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



All dimensions are in mm

Light source

High efficiency long life LED package modules on MCPCB with LED lumen efficacy of ≥ 135 lumen per watt.

Optics

High efficiency polycarbonate UV stabilized cover with integrated Lens to ensure Asymmetrical batwing light distribution.

Control gear

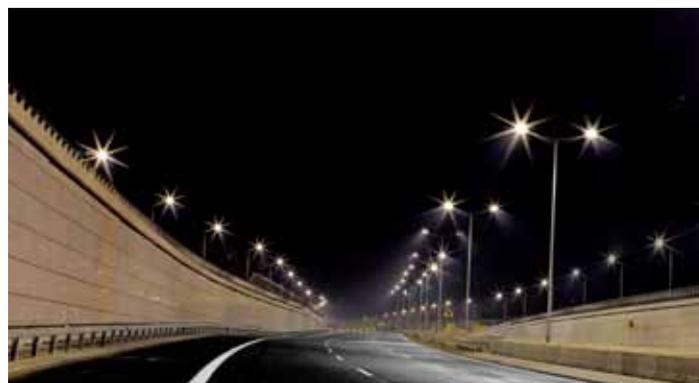
Integral electronic driver with APFC, lower THD, Output Short/Open Circuit Protection, Surge Protection upto 10kV (with external SPD) phase to phase (440V) / Over Voltage Protection & other safety test as per IS 15885 Part-2/ Sec 13.

Mounting & Maintenance

Suitable for side entry, pole mounting with bracket arm OD 54mm. Recommended mounting height with suitable inground reinforcement is 4-8 mtr.

Applications

- City road lighting
- Shopping centers perimeter lighting
- City lighting renovation
- Urban landscaping



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETBXU7PA7B060	60W	240	0.270	≥ 0.95	≥ 70	5700K	6000
LHETBXU7PA7B070	70W	240	0.310	≥ 0.95	≥ 70	5700K	7000
LHETBXU7PA7B080	80W	240	0.350	≥ 0.95	≥ 70	5700K	8000

Driver code: LSCELDX0136 for 60/70W, LSCELDX0236 for 80W.

Endura Cityliner Neo 90W



New generation energy saving & environmental friendly long life
Versatile pressure die-cast aluminium IP66 roadway luminaire
with high power LED as light source.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

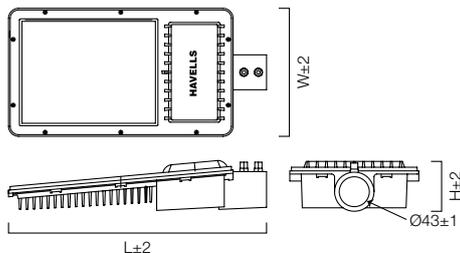
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
90W	462±2	231±2	85±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

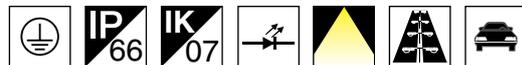
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 15\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for pole mounting with bracket arm OD of 50mm (max). Recommended mounting height with suitable inground reinforcement is 8-9 mtr.

Applications

City road lighting
Shopping centers perimeter lighting
City lighting renovation/ up gradation project
Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETBXU7PN6J090	90W	240	0.400	≥ 0.95	≥ 70	5700K	9000

Driver code: LSCELDX0236.

Endura Cityliner Neo N 120W



New generation energy saving & environmental friendly long life
Versatile pressure die-cast aluminium IP66 roadway luminaire
with high power LED as light source.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

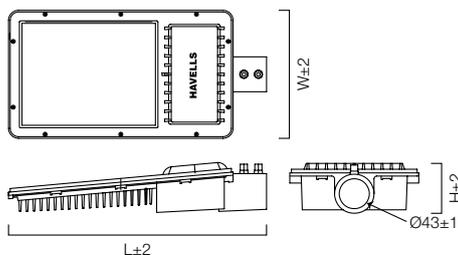
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
120W	517±2	258±2	88±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

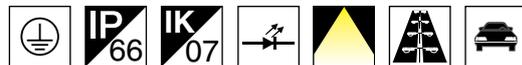
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for pole mounting with bracket arm OD of 50mm (max). Recommended mounting height with suitable inground reinforcement is 9-10 mtr.

Applications

City road lighting
Shopping centers perimeter lighting
City lighting renovation/ up gradation project
Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETAXU7PA6J120	120W	240	0.530	≥ 0.95	≥ 70	5700K	12000

Driver code: LSSCRX1874.

Endura Pulse-1 40W



New generation energy saving & environmental friendly long life
Versatile pressure diecast aluminium roadway luminaire with high
power LED as light source.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +50°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

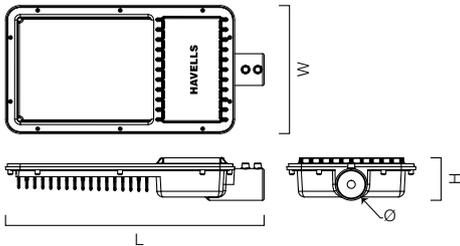
Housing

Pressure die-cast aluminium alloy ADC12 for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
140W	590±2	291±2	85±2

All dimensions are in mm

Lamp

High efficiency long life LED chip in modules with Ra>70 and lumen efficacy of >135 lm/W with lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant (IK-07) fixed to the housing with SS screws.

Electronic driver

Built-in potted electronic LED driver with lower THD, Open Circuit protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting & Maintenance

Suitable for pole mounting with bracket arm OD of 60 mm (max).

Recommended mounting height with suitable in-ground reinforcement is 9-10 m.

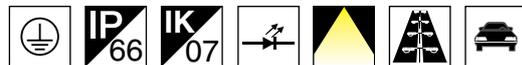
Applications

City road lighting

Shopping centers perimeter lighting

City lighting renovation/ up gradation project

Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETBXU7PA6S140	140W	240	0.620	≥0.95	≥70	5700K	14000

Endura Pulse N 150W



New generation energy saving & environmental friendly long life
Versatile pressure diecast aluminium roadway luminaire with
high power LED as light source.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +50°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

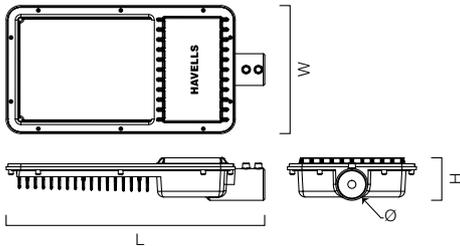
Housing

Pressure die-cast aluminium alloy ADC12 for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
140W	590±2	291±2	85±2

All dimensions are in mm

Lamp

High efficiency long life LED chip in modules with Ra>70 and lumen efficacy of >135 lm/W with lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant (IK-07) fixed to the housing with SS screws.

Electronic driver

Built-in potted electronic LED driver with lower THD, Open Circuit protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting & Maintenance

Suitable for pole mounting with bracket arm OD of 60 mm (max).

Recommended mounting height with suitable in-ground reinforcement is 9-10 m.

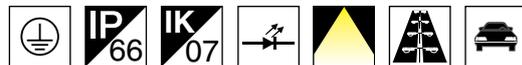
Applications

City road lighting

Shopping centers perimeter lighting

City lighting renovation/ up gradation project

Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETAXU7PA6J150	150W	240	0.660	≥0.95	≥70	5700K	15000

Endura Cityliner Neo 200W



New generation energy saving & environmental friendly long life
Versatile pressure die-cast aluminium IP66 roadway luminaire
with high power LED as light source.

Product Specifications

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Ambient temp ta: 35° C
- Operating temperature: -10°C to +50°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

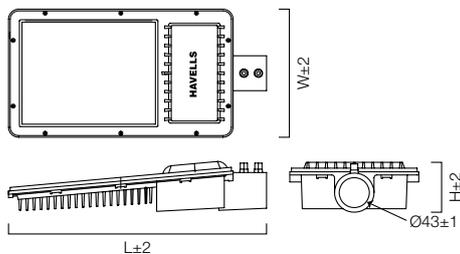
Housing

Pressure die-cast aluminium alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistant. Cable gland is used for maintaining ingress protection.

Finish

Epoxy powder coated grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
200W	595±2	291±2	85±2

All dimensions are in mm

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 140 lm/W with PC lens to ensure better uniformity of light distribution.

Cover

Tempered protective toughened glass, thermal shock and impact resistant fixed to the housing with SS screws.

Electronic driver

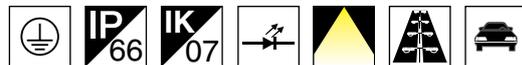
Built-in potted electronic LED driver with APFC (SMPS based constant current supply), lower THD, Open Circuit protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for side entry, pole mounting with bracket arm OD 40mm-60mm. Recommended mounting height with suitable inground reinforcement is 9-12 mtr.

Applications

- City road lighting
- Shopping centers perimeter lighting
- City lighting renovation/ up gradation project
- Prestigious/ heritage area outdoor lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHETAXU7IA6S200	200W	240	0.890	≥ 0.95	≥ 70	5700K	21000

Driver code: LSSLOX0136.

Venus Grand

10/20/30/50/70/100W

Energy saving, environmental friendly, long life, exclusive innovative Thermoplastic IP66 flood light, suitable for highlighting architectural facade and general purpose lighting.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED Average Life : 35000 hours

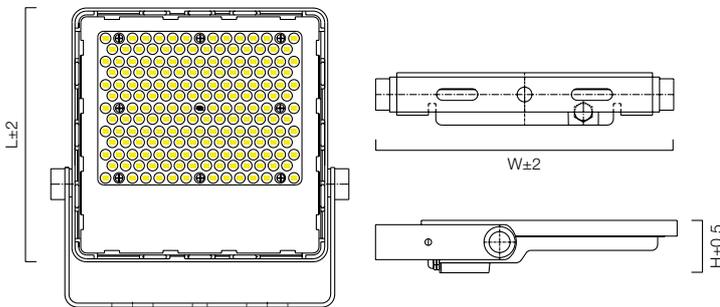
Housing & Finish

Thermoplastic housing in black finish.

Light source

High efficiency long life LED module with SMD LED package & Lumen efficacy of LED ≥ 140 lm/W.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
10W	140±2	137±2	33±2
20W	176±2	162±2	38±2
30W	195±2	188±2	40±2
50W	256±2	250±2	45±2
70W	308±2	294±2	45±2
100W	385±2	355±2	47±2

All dimensions are in mm

Lens & Cover

High efficiency polycarbonate cover with integrated Lens to ensure symmetrical light distribution.

Electronic driver

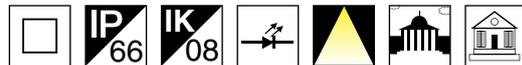
Built-In Potted electronic LED driver with lower THD, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection.

Mounting

Wall or surface mounting using adjustable MS cradle provided with the fixture by 2 elliptical slots.

Applications

- Sign boards
- Building & monuments
- Bill board
- Shop board



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOEPBSU7P46K010	10W	240	0.050	≥ 0.95	≥ 80	6000K	950
LOEPBSU7P46K020	20W	240	0.100	≥ 0.95	≥ 80	6000K	1900
LOEPBSU7P46K030	30W	240	0.140	≥ 0.95	≥ 80	6000K	2850
LOEPBSU7P46K050	50W	240	0.240	≥ 0.95	≥ 80	6000K	4750
LOEPBSU7P46K070	70W	240	0.330	≥ 0.95	≥ 80	6000K	6650
LOEPBSU7P46K100	100W	240	0.470	≥ 0.95	≥ 80	6000K	9500

Venus Grand 150/200W

Energy saving, environmental friendly, long life, Die cast Aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED Average Life : 35000 hours

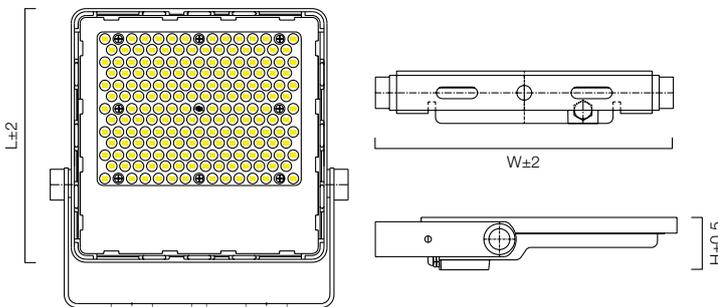
Housing & Finish

Die cast Aluminium housing in black finish.

Light source

High efficiency long life LED module with SMD LED package & Lumen efficacy of LED ≥ 130 lm/W.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
150W	352±2	332±2	61±2
200W	383±2	364±2	61±2

All dimensions are in mm

Lens & Cover

High efficiency polycarbonate cover with integrated Lens to ensure symmetrical light distribution.

Electronic driver

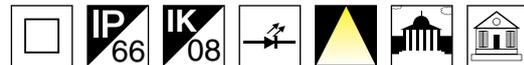
Built-In Potted electronic LED driver, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection & other safety test.

Mounting

Wall or surface mounting using adjustable MS cradle provided with the fixture by 2 elliptical slots.

Applications

- Sign boards
- Building & monuments
- Bill board
- Shop board



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOEPBSU7P46K150	150W	240	0.700	≥ 0.92	≥ 80	6000K	15000
LOEPBSU7P46K200	200W	240	0.930	≥ 0.92	≥ 80	6000K	20000

Bamboo

New generation, energy saving, environmental friendly, long life aesthetically designed aluminium landscape luminaire for diffused lighting with high power LED as light source.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

Housing & Finish

Housing made up of aluminum pipe powder coated black after phosphochromate treatment with aluminum heat sink for effective thermal management, sturdiness & excellent corrosion resistant. Mounting flange of MS sand casting is used at the bottom.

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W.

Cover

PC diffuser in opal finish is used for glare free uniform light distribution.

Electronic driver

Powered by built-in, isolated electronic LED driver in ABS housing with APFC (SMPS based constant current supply) with THD $\leq 15\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage Protection & other safety test as per IS 15885 Part-2/Sec 13.

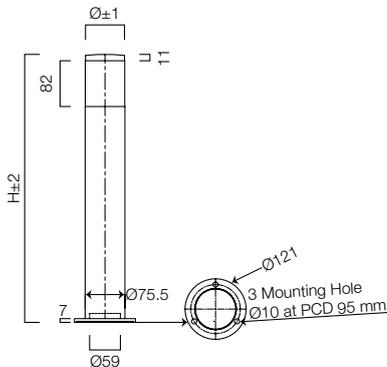
Mounting

Fixed to ground by means of 3 nos. M10 bolts (max).

Applications

- Lawns
- Gardens
- Pathways
- Court yards
- Decorative porch lighting

Dimensional Drawing



Ordering Code	Ø (Dia)	Height (H)
LHEVBDP6IN6K008	74±1	500±2
LHEVBDP7IN6K008	74±1	500±2
LHENAXP7PZ6K008	74±1	1000±2

All dimensions are in mm



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEVBDP6IN6K008	8W	240	0.035	≥ 0.95	≥ 80	4000K	400
LHEVBDP7IN6K008	8W	240	0.035	≥ 0.95	≥ 80	5000K	440
LHENAXP7PZ6K008	8W	240	0.035	≥ 0.95	≥ 80	5700K	470

Driver code: LSSCRX1464.

Endura Rugby Neo

Environmental friendly, ultra modern, energy saving, surface mounted, decorative oval bulk head edge-lit LED luminaire comprising of high brightness LEDs.



Product Specifications

Features & Benefits

- Delivers excellent illumination & comfort
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10°C to +45°C
- Operating voltage range: 140-270V
- LED average life: 50000 hours

Housing

Oval shaped pressure die-cast aluminium housing & ring for sturdiness & corrosion resistant.

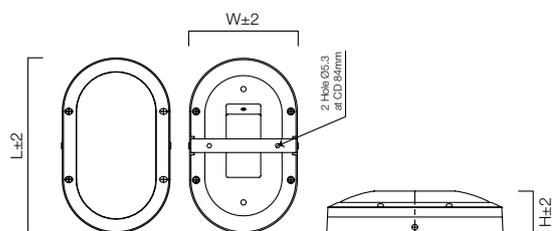
Finish

Epoxy powder coated white after phosphochromate treatment.

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
10W	216±2	133±2	52±2

All dimensions are in mm

Cover

High quality polycarbonate diffuser in opal finish for glare free light distribution.

Electronic driver

Powered by built-in, isolated electronic LED driver with APFC (SMPS based constant current supply) with $THD \leq 10\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall/ceiling mounted by means of CRCA lamp with expansion screws provided through $\varnothing 5.3$ mm mounting holes.

Applications

- Passages
- Tunnels
- Pathway lighting
- Staircase lighting
- Corridors & lobbies
- Porch lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEOAOP7UZ6W010	10W	240	0.050	≥ 0.95	≥ 80	6500K	800

Driver code: LSSLOX0130.





TERMS & CONDITION

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- Company reserves the right to issue amendments, which may arise due to any errors in the catalogue

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, however specifications and performance data are constantly changing, current details should therefore be checked with Havells group

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