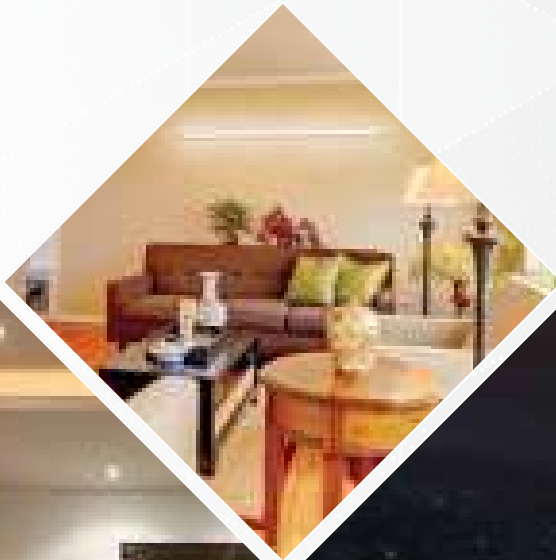




HAVELLS



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 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, Electric Water Heaters, Power Capacitors, CFL Lamps, Luminaires for Domestic, Commercial and industrial Applications.

Today, Havells owns some of the most prestigious brands like Havells, Crabtree, Standard and Promptec. Its network constitutes of 4000 professionals, over 6000 dealers and 40 branches in the country and presence in over 50 countries globally. Its twelve state-of-the-art manufacturing plants in India located at Haridwar, Baddi, Sahibabad, Faridabad, Alwar, Neemrana and Guwahati are 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 400 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.

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 offering is 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 company has also built over 2000 eco-friendly bio toilets in government schools thus contributing to nation's Swaach Bharat Mission. 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 and 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 luminaries.

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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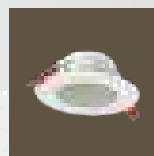
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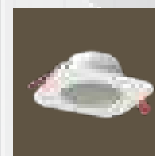
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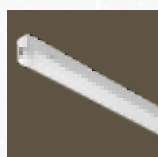


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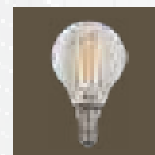
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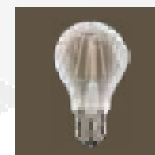
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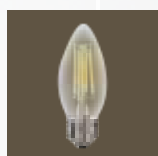
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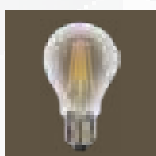
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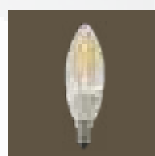
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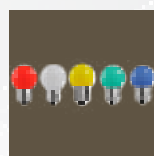
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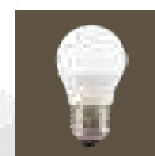
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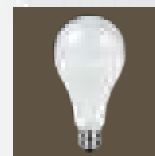
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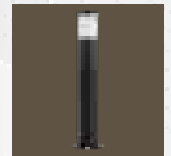
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Down
Lighter



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
- Average life $L_{70}B_{50}$: 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.

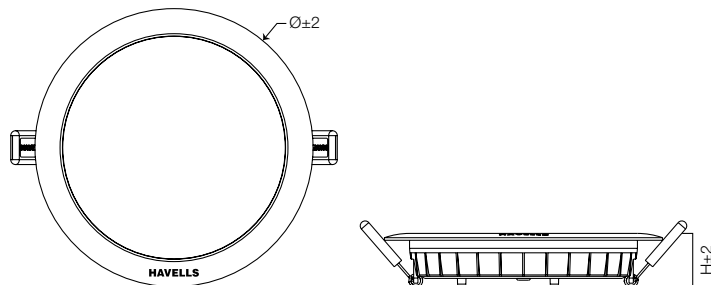
Mounting

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

Applications

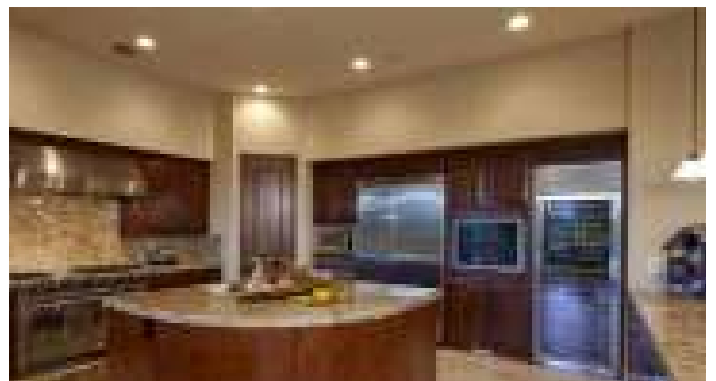
Residential Bungalow
Residential Flats
Small shops

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	≥0.90	≥80	3000K	375
LHEBLDP6IN1W005	5W	230	0.025	≥0.90	≥80	4000K	375
LHEBLDP7IN1W005	5W	230	0.025	≥0.90	≥80	6500K	375
LHEBLDP5IN1W010	10W	230	0.045	≥0.90	≥80	3000K	750
LHEBLDP6IN1W010	10W	230	0.045	≥0.90	≥80	4000K	750
LHEBLDP7IN1W010	10W	230	0.045	≥0.90	≥80	6500K	750
LHEBLDP5IN1W015	15W	230	0.065	≥0.90	≥80	3000K	1125
LHEBLDP6IN1W015	15W	230	0.065	≥0.90	≥80	4000K	1125
LHEBLDP7IN1W015	15W	230	0.065	≥0.90	≥80	6500K	1125

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

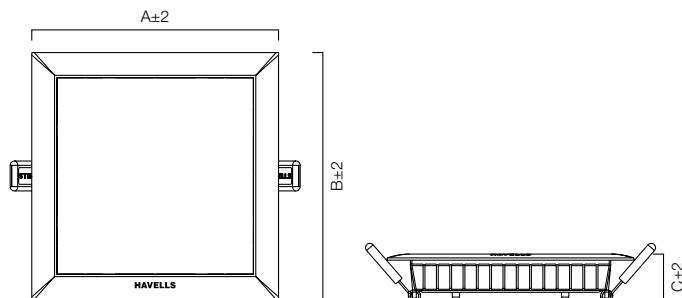
Features & Benefits

- 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
- Average life $L_{70}B_{50}$: 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	≥ 0.90	≥ 80	3000K	375
LHEBLEP6IN1W005	5W	230	0.025	≥ 0.90	≥ 80	4000K	375
LHEBLEP7IN1W005	5W	230	0.025	≥ 0.90	≥ 80	6500K	375
LHEBLEP5IN1W010	10W	230	0.045	≥ 0.90	≥ 80	3000K	750
LHEBLEP6IN1W010	10W	230	0.045	≥ 0.90	≥ 80	4000K	750
LHEBLEP7IN1W010	10W	230	0.045	≥ 0.90	≥ 80	6500K	750
LHEBLEP5IN1W015	15W	230	0.065	≥ 0.90	≥ 80	3000K	1125
LHEBLEP6IN1W015	15W	230	0.065	≥ 0.90	≥ 80	4000K	1125
LHEBLEP7IN1W015	15W	230	0.065	≥ 0.90	≥ 80	6500K	1125

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

Pro Sleek



Ultra Slim recess mounted luminaire with high brightness LED package and 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 low 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
- Average life $L_{70,B_{50}}$: 30000 hours

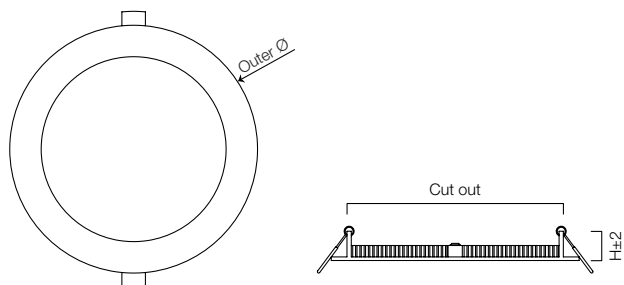
Housing & Finish

White powder coated aluminum di-cast frame for better thermal management & aluminum back cover and fixed with aluminum extrusion through SS Screws.

Light source

High efficiency long life LED package in integral module with high lumen efficacy.

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Cutout Size (Ø)
12W	174	21±2	152
18W	223	21±2	205
24W	297	21±2	280

All dimensions are in mm

Diffuser

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

Electronic driver

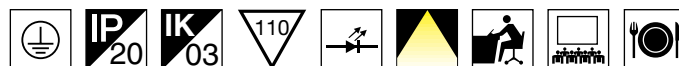
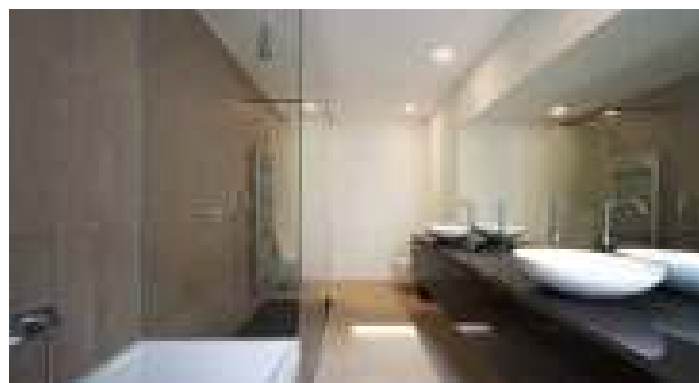
Powered by independent electronic driver (SMPS based constant current supply) with Short-circuit protection & other safety test as per IS:15885 Part 2/Sec 13. Connector is provided at the back of the fixture for input supply connection.

Mounting

Suitable for armstrong / grid ceiling by two nos. of spring loaded SS clip.

Applications

Conference rooms
Lobbies
Hotels
Jewellery shops
Offices



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEBEO5PZ1W012	12W	230	0.060	≥0.90	≥80	3000K	750
LHEBEO7PZ1W012	12W	230	0.060	≥0.90	≥80	5700K	780
LHEBEO5PZ1W018	18W	230	0.090	≥0.90	≥80	3000K	1200
LHEBEO7PZ1W018	18W	230	0.090	≥0.90	≥80	5700K	1260
LHEBEO5PZ1W024	24W	230	0.115	≥0.90	≥80	3000K	1400
LHEBEO7PZ1W024	24W	230	0.115	≥0.90	≥80	5700K	1440

Driver code : LSCLEDLX0116 for 12W, LSCLEDLX0117 for 18W, LSCLEDLX0118 for 24W.

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

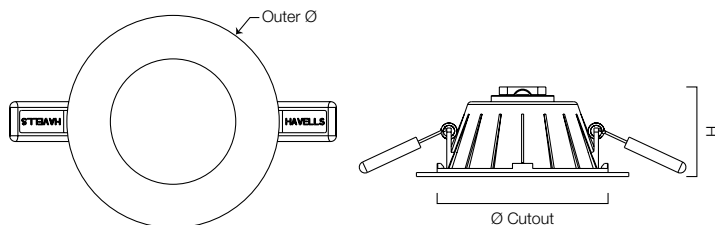
Features & Benefits

- 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
- Average life $L_{70}B_{50}$: 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

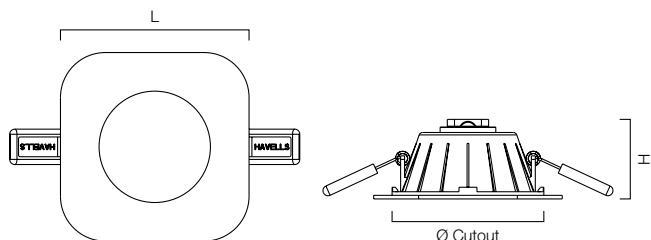
Features & Benefits

- 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
- Average life $L_{70,B_{50}}$: 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

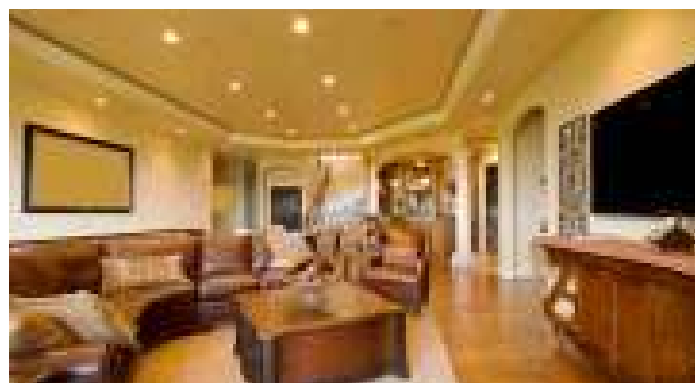
Powered by Driver on board electronic driver with high power factor.

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

Recess mounted downlighter with pressure die-cast aluminium heat sink & PC diffuser in white powder coated finish with integral electronic low THD (<10%) LED driver.



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
- Average life $L_{70,B_{50}}$: 50000 hours

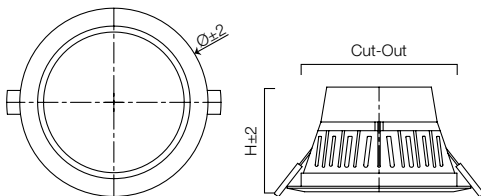
Housing & Finish

White powder coated, elegantly designed pressure die-cast aluminium heat sink for efficient dissipation & white finish polycarbonate ring for holding the diffuser.

Light source

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

Dimensional Drawing



System Power	Outer Dia (Ø)	Height (H)	Cutout Size (Ø)
10W	111	90	90
12W	158	90	138
15W	158	90	138
24W	197	90	175

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)
LHEBGP5PZ1W010	10W	240	0.050	≥0.95	≥80	3000K	900
LHEBGP6PZ1W010	10W	240	0.050	≥0.95	≥80	4000K	940
LHEBGP7PZ1W010	10W	240	0.050	≥0.95	≥80	5700K	980
LHEBJNP6PZ1W012	12W	240	0.060	≥0.95	≥80	4000K	1130
LHEBJNP7PZ1W012	12W	240	0.060	≥0.95	≥80	5700K	1175
LHEBGP5PZ1W015	15W	240	0.075	≥0.95	≥80	3000K	1280
LHEBGP6PZ1W015	15W	240	0.075	≥0.95	≥80	4000K	1350
LHEBGP7PZ1W015	15W	240	0.075	≥0.95	≥80	5700K	1425
LHEBGP5PZ1W024	24W	240	0.110	≥0.95	≥80	3000K	2160
LHEBGP6PZ1W024	24W	240	0.110	≥0.95	≥80	4000K	2280
LHEBGP7PZ1W024	24W	240	0.110	≥0.95	≥80	5700K	2400

Driver code : LSSCRX2090 for 10W, LSSCRX2026 for 12/15W, LSSLNX0213 for 24W.

Reflector

High reflective polycarbonate conical shaped reflector to enhance the lumen output of the fixture.

Optics

High quality polycarbonate opal concave diffuser to enhance the aesthetic of the fixture and to provide glare free uniform light distribution.

Electronic driver

Powered by integral SMPS based constant current electronic driver with THD≤10% Output Short Circuit Protection, Surge Voltage Protection and other safety tests as per IS 15885 Part 2/Sec 13.

Mounting

Fixing into false ceiling by 2 nos. SS springs/ clips.

Applications

- Residences
- Restaurants
- Hotel lobbies / Waiting areas
- Modern gyms / Spa
- Corporate offices



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

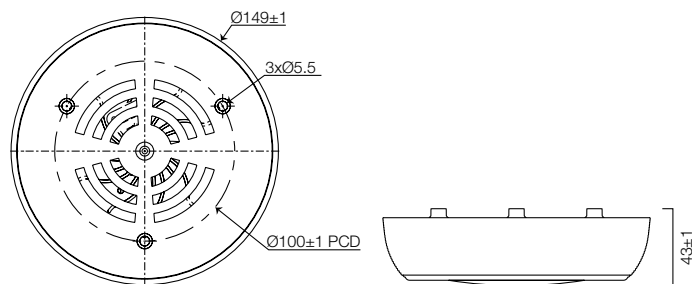
Features & Benefits

- 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
- Average life $L_{70}B_{50}$: 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 $THD \leq 33\%$ 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

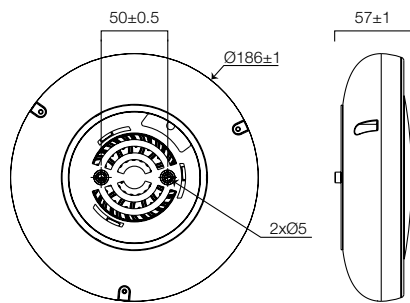
Features & Benefits

- 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
- Average life $L_{70}B_{50}$: 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 $THD \leq 33\%$ 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.

Integra Surface

Surface mounted downlight with white powder coated polycarbonate housing and pressure die-cast heat sink having high efficiency.



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
- Average life $L_{70,B_{50}}$: 50000 hours

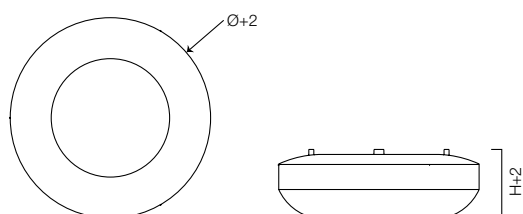
Housing & Finish

Pressure die-cast aluminium heat sink for effective thermal management, sturdiness and excellent corrosion resistant fitted in white finish polycarbonate housing.

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



System Power	Outer Dia (Ø)	Height (H)
10W	200	69
15W	200	69

All dimensions are in mm

Optics

PC diffuser in opal finish for glare free uniform light distribution alongwith PC reflector in white finish to enhance the lumen output of the fixture.

Electronic driver

Powered by a integral electronic driver in PC housing (SMPS based constant current supply) with $THD \leq 10\%$, Output Short Circuit Protection, Surge Voltage Protection and other safety tests as per IS 15885 Part 2/Sec 13.

Mounting

Back polycarbonate mounting plate is fixed to the wall/ceiling by 2 holes of Ø3.5 mm provided in it at a center distance of 100 mm and then fixture is fit to the mounting plate by rotating in anti-clockwise direction.

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)
LHEAAGP5PL1W010	10W	240	0.050	≥ 0.95	≥ 80	3000K	800
LHEAAGP6PL1W010	10W	240	0.050	≥ 0.95	≥ 80	4000K	850
LHEAAGP7PL1W010	10W	240	0.050	≥ 0.95	≥ 80	5700K	900
LHEAAGP5PL1W015	15W	240	0.070	≥ 0.95	≥ 80	3000K	1280
LHEAAGP6PL1W015	15W	240	0.070	≥ 0.95	≥ 80	4000K	1350
LHEAAGP7PL1W015	15W	240	0.070	≥ 0.95	≥ 80	5700K	1425

Driver code: SCRXX2088 for 10W, LSSCRX2092 for 15W.

Panel Lighting



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
- 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
- Average life $L_{70,B_{50}}$: 35000 hours

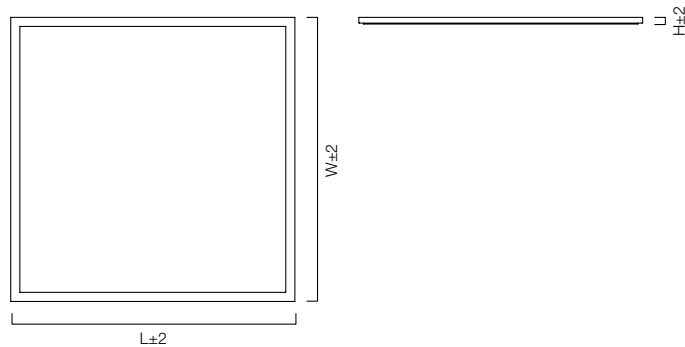
Housing & Finish

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

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)
34W	595	595	11
42W	595	595	11

All dimensions are in mm

Diffuser

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

Electronic driver

Powered by independent isolated, SELV output electronic driver (SMPS based constant current supply) with $THD \leq 33\%$, Output Short-Circuit Protection, Surge Voltage Protection upto 2.0kV and other safety test as per IS 15885 Part2/Sec13.

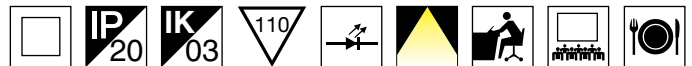
Connector is provided at the back of the fixture for input supply connection.

Mounting

- Suitable for armstrong / grid ceiling
- Provision for open suspension with chain hooks through 4 nos. holes of $\varnothing 6mm$ provided behind the fixture

Applications

Conference rooms
Lobbies
Hotels
Jewellery shops
Offices



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LOEWDRP7UL1W034	34W	240	0.150	≥ 0.90	≥ 80	6500K	3100
LOEWDRP7UL1W042	42W	240	0.185	≥ 0.90	≥ 80	6500K	3800

Venus Neo

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
- Average life $L_{70,B_{50}}$: 50000 hours

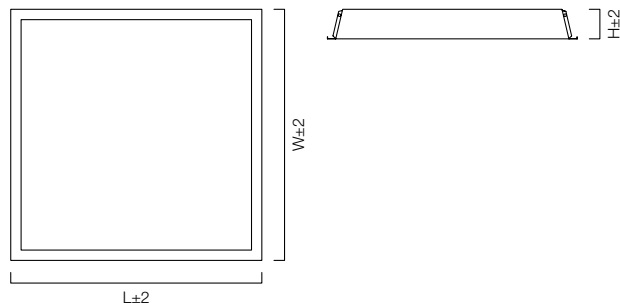
Housing & Finish

CRCA powder coated white after phosphochromate treatment.

Light source

High efficiency long life LED package in integral module with lumen efficacy of ≥ 130 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Cutout Size
28W	595	595	76	570x570
34W	595	595	76	570x570
42W	595	595	76	570x570

All dimensions are in mm

Optics

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

Electronic driver

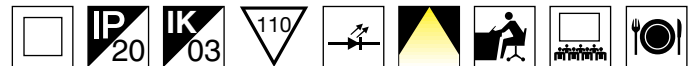
Powered by an independent Isolated, SELV Output electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Short-circuit protection, Surge protection & other safety test as per IS:15885 Part 2/Sec 13.

Mounting

Suitable only for Armstrong/Grid ceiling.

Applications

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



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEWDRP5PK1W028	28W	240	0.135	≥ 0.95	≥ 80	3000K	2800
LHEWDRP6PK1W028	28W	240	0.135	≥ 0.95	≥ 80	4000K	3000
LHEWDRP7PK1W028	28W	240	0.135	≥ 0.95	≥ 80	5700K	3100
LHEWDRP5PK1W034	34W	240	0.160	≥ 0.95	≥ 80	3000K	3150
LHEWDRP6PK1W034	34W	240	0.160	≥ 0.95	≥ 80	4000K	3320
LHEWDRP7PK1W034	34W	240	0.160	≥ 0.95	≥ 80	5700K	3600
LHEWDRP5PK1W042	42W	240	0.195	≥ 0.95	≥ 80	3000K	3650
LHEWDRP6PK1W042	42W	240	0.195	≥ 0.95	≥ 80	4000K	3850
LHEWDRP7PK1W042	42W	240	0.195	≥ 0.95	≥ 80	5700K	4200

Driver code: LSSCRX2118 for 28W, LSSCRX1789 for 34W, LSSCRX1781 for 42W.

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
- Average life $L_{70,B_{50}}$: 50000 hours

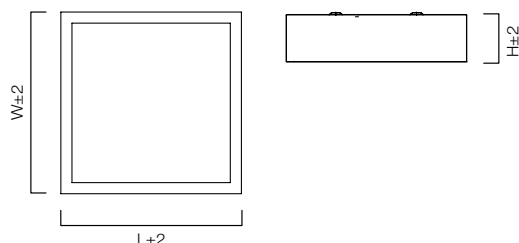
Housing & Finish

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	295	70

All dimensions are in mm

Optics

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

Electronic driver

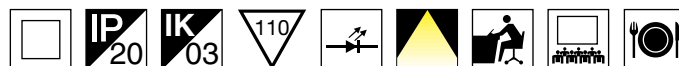
Powered by built-in Isolated, SELV Output electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Short Circuit Protection, Surge Protection and other safety test as per IS 15885 Part 2/Sec 13.

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
- Average life $L_{70,B_{50}}$: 50000 hours

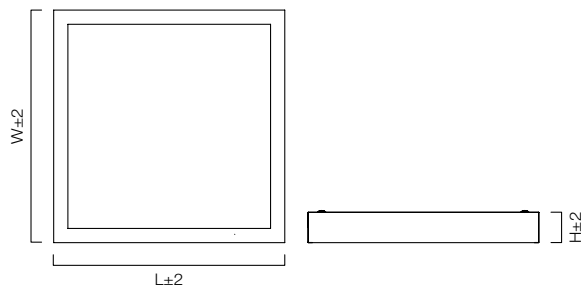
Housing & Finish

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	595	70
42W	595	595	70

All dimensions are in mm

Optics

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

Electronic driver

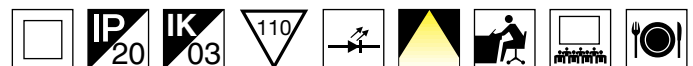
Powered by built-in Isolated, SELV Output electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Short-circuit protection, Surge protection & other safety test as per IS:15885 Part 2/Sec 13.

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
- Average life $L_{70}B_{50}$: 30000 hours

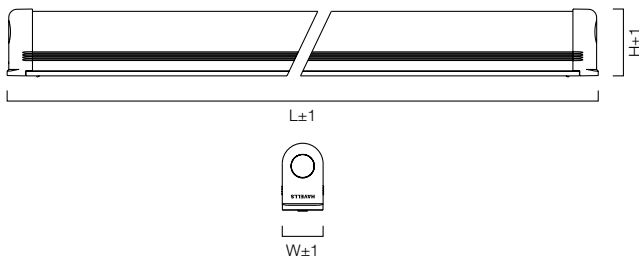
Housing & cover

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	25	40
9W	600	25	40
18W	1150	25	40

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 \leq 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)
LHEXBPLP7IN1W005	5W	230	0.025	\geq 0.95	\geq 80	6000K	500
LHEXBPLP7IN1W009	9W	230	0.040	\geq 0.95	\geq 80	6000K	900
LHEXBPLP7PN1W018	18W	230	0.090	\geq 0.95	\geq 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
- Average life $L_{70}B_{50}$: 50000 hours

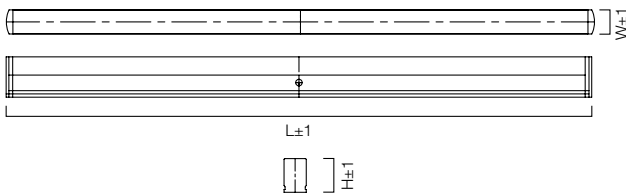
Housing

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	22	37

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	≥ 0.90	≥ 80	6500K	1800

Maxoled Batten LED



General purpose industrial 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.

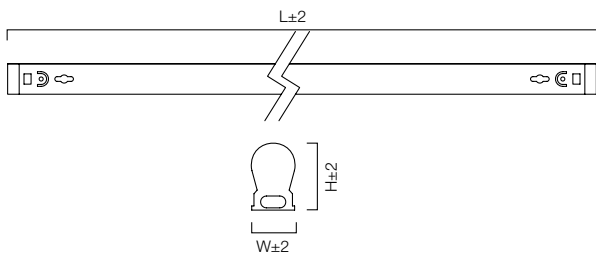
Finish

Epoxy powder coated white after phosphochromate treatment.

Lamp holders

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

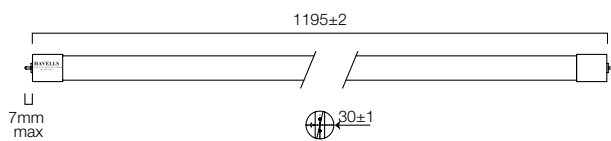
Dimensional Drawing



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

All dimensions are in mm

Dimensional Drawing for Tube Light



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)
LHFXCEP1TN1W020	upto 1x20W LED T8	250

Accessories - LED Tube

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEXCEP7UN1W020	20W	240	0.165	≥0.50	≥70	6000K	1800

For detail, refer LED Tube Data sheet.

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
- Average life $L_{70,B_{50}}$: 25000 hours

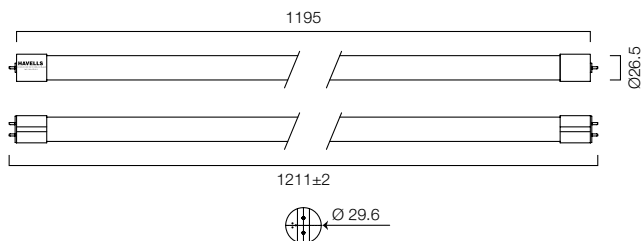
Housing & Finish

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)
LHEXCEP7UN1W020	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
- Average life $L_{70,B_{50}}$: 50000 hours

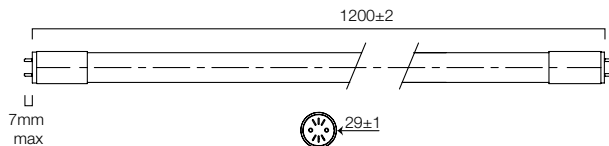
Housing & Finish

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	≥ 0.50	≥ 80	6500K	1900

Adore LED Retro Tubelight

Ultra bright LED polycarbonate tubelight with high efficacy suited for installation in existing T8 tubelight luminaire with G13 lamp holders.



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
- Average life $L_{70,B_{50}}$: 50000 hours

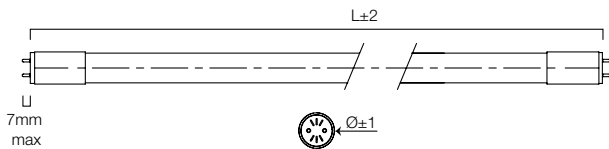
Housing & Finish

Elegantly designed polycarbonate housing in opal finish to provide glare free uniform light distribution.

Light source

High efficiency long life SMD LED module with better lumen efficacy to enhance the lumen output.

Dimensional Drawing



System Power	Ø	Length (L)
9W	30	600
18W	30	1200

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 a integral electronic driver (SMPS based constant current supply) with $THD \leq 33\%$, Output Short-Circuit Protection, Surge Voltage Protection upto 2.5kV and other safety test as per IS 15885 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)
LHLDCLXD5L8X009	9W	240	0.045	G 13	≥ 0.90	≥ 80	6500K	800
LHLDCLXD5L8X018	18W	240	0.080	G 13	≥ 0.90	≥ 80	6500K	1600

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
- Average life $L_{70}B_{50}$: 50000 hours

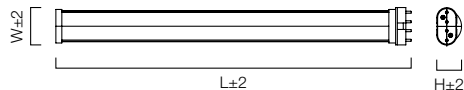
Housing & Finish

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	44	29
18W	419	44	29

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	≥ 0.95	≥ 80	6500K	900
LHLDCLXEUL83013	18W	240	0.080	2G11	≥ 0.95	≥ 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.

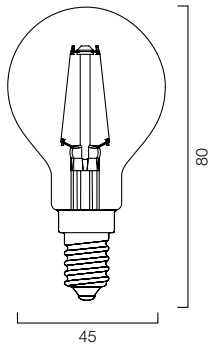
Applications

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.

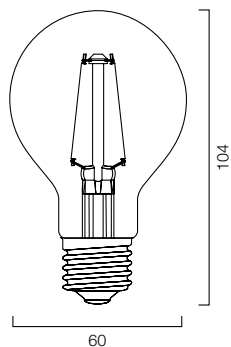
Applications

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



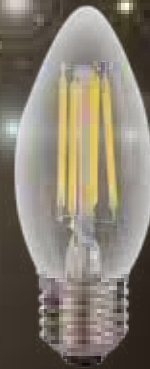
All dimensions are in mm



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.

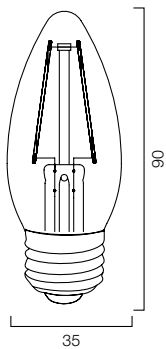
Applications

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.

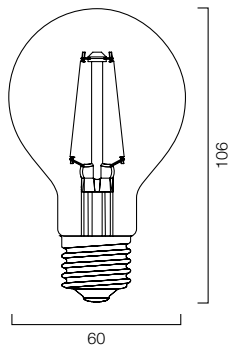
Mounting

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

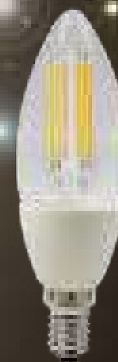
Ordering Code	System Power	Rated Voltage (V AC)	Mains Current (A)	Base Cap	Power Factor	Colour Temperature (CCT)	System Lumens (lm)
LOLDDEECYC8U005	5W	220-240	0.026	B 22	≥0.75	3000K	475
LOLDDEHCYC8U005	5W	220-240	0.026	E 27	≥0.75	3000K	475
LOLDDEECYC8U007	7W	220-240	0.0367	B 22	≥0.75	3000K	850
LOLDDEHCYC8U007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

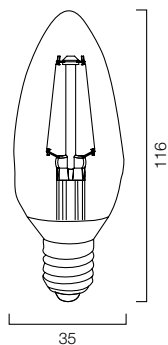
Mounting

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 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

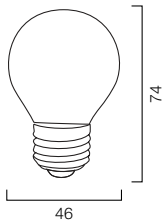
Mounting

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	72	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.

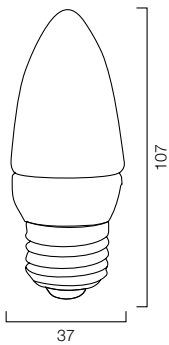
Mounting

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



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.

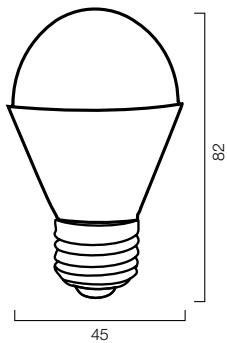
Mounting

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)
LOLDEREEML8X003	3W	220-240	0.070	B 22	6500K	270
LOLDEREEMD8X003	3W	220-240	0.070	B 22	3000K	240
LOLDERHEML8X003	3W	220-240	0.070	E 27	6500K	270
LOLDERHEMD8X003	3W	220-240	0.070	E 27	3000K	240
LOLDEROEML8X003	3W	220-240	0.070	E 14	6500K	270
LOLDEROEMD8X003	3W	220-240	0.070	E 14	3000K	240

NEW ADORE LED LAMP 5W



Bright Compact 5W LED Lamp with high lumen 475lm, to give glare free light.

Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- In-built 3.0kV Surge Protection
- Long life of LED's (over 25,000 burning hours)
- SMPS based constant current supply THD <25%
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum insert heat sink for efficient heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based constant current supply). THD<25%.

Mounting

Suitable for B22, E27 lamp holders.

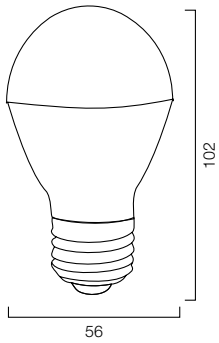
Applications

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

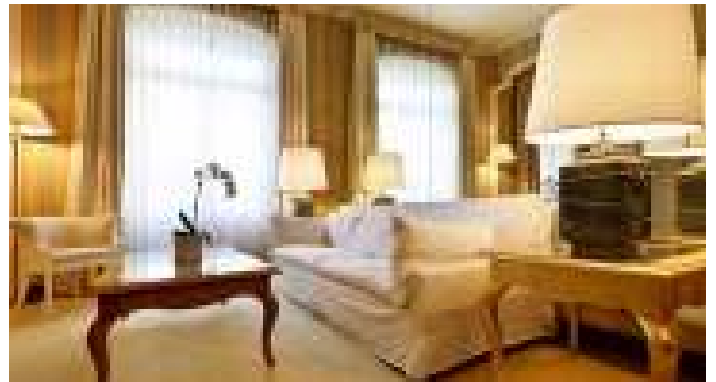
With BIS Certification :

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)
LOLDERHEMD8X005	5W	220-240	0.030	E 27	≥0.90	3000K	420
LOLDERHEML8X005	5W	220-240	0.030	E 27	≥0.90	6500K	475
LOLDEREEMD8X005	5W	220-240	0.030	B 22	≥0.90	3000K	420
LOLDERUEML8X005	5W	220-240	0.030	B 22	≥0.90	6500K	475

NEW ADORE LED LAMP 7W



Bright Compact 7W LED Lamp with high lumen 665lm, to give glare free light.

Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- In-built 3.0kV Surge Protection
- Long life of LED's (over 25,000 burning hours)
- SMPS based constant current supply THD <20%
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum insert heat sink for efficient heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based constant current supply). THD<20%.

Mounting

Suitable for B22, E27 lamp holders.

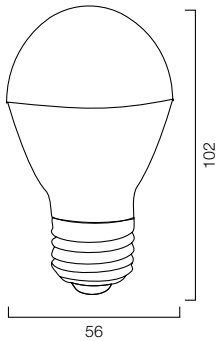
Applications

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

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)
LOLDERHEMD8X007	7W	220-240	0.040	E 27	≥0.90	3000K	585
LOLDERHEML8X007	7W	220-240	0.040	E 27	≥0.90	6500K	665
LOLDEREEMD8X007	7W	220-240	0.040	B 22	≥0.90	3000K	585
LOLDERUEML8X007	7W	220-240	0.040	B 22	≥0.90	6500K	665

NEW ADORE LED LAMP 10W



Bright Compact 10W LED Lamp with high lumen 950lm, to give glare free light.

Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- In-built 3.0kV Surge Protection
- Long life of LED's (over 25,000 burning hours)
- SMPS based constant current supply THD <20%
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum insert heat sink for efficient heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based constant current supply). THD<20%.

Mounting

Suitable for B22, E27 lamp holders.

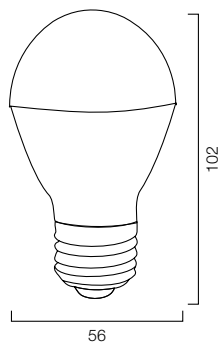
Applications

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

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)
LOLDERHEMD8X010	10W	220-240	0.055	E 27	≥0.90	3000K	835
LOLDERHEML8X010	10W	220-240	0.055	E 27	≥0.90	6500K	950
LOLDEREEMD8X010	10W	220-240	0.055	B 22	≥0.90	3000K	835
LOLDERUEML8X010	10W	220-240	0.055	B 22	≥0.90	6500K	950

Adore LED Lamp 15W



Bright Compact 15W LED Lamp with high lumen 1425lm, to give glare free light.

Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- In-built 3.0kV Surge Protection
- Long life of LED's (over 25,000 burning hours)
- SMPS based constant current supply THD <20%
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly Designed Aluminum insert heat sink for efficient heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based constant current supply). THD<20%.

Mounting

Suitable for B22, E27 lamp holders.

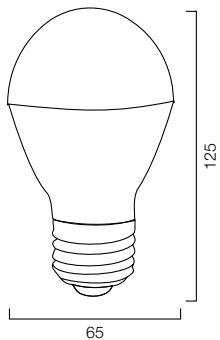
Applications

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

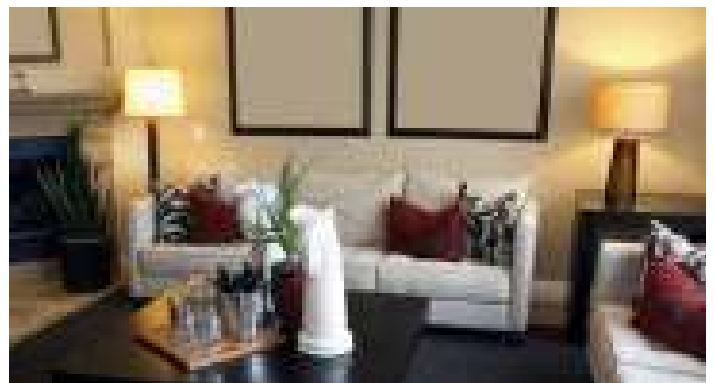
With BIS Certification :

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)
LOLDERHEMD8X015	15W	220-240	0.070	E 27	≥0.90	3000K	1285
LOLDERHEMK8X015	15W	220-240	0.070	E 27	≥0.90	6500K	1425
LOLDEREEMD8X015	15W	220-240	0.070	B 22	≥0.90	3000K	1285
LOLDEREEMK8X015	15W	220-240	0.070	B 22	≥0.90	6500K	1425

Adore LED Lamp 20W



Bright Compact 20W LED Lamp with high lumen 2000lm, to give glare free light.

Product Specifications

Features & Benefits

- Withstands Voltage Fluctuations from 100-300V AC
- In-built 3.0kV Surge Protection
- SMPS based supply THD <20%
- Instant Start 100% lumens <2sec
- Switching Cycle >100000x
- Easily replaceable to GLS and CFL sockets

Housing & Finish

Elegantly designed aluminum insert heat sink for efficient heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply).THD<20%.

Mounting

Suitable for B22, E27 lamp holders.

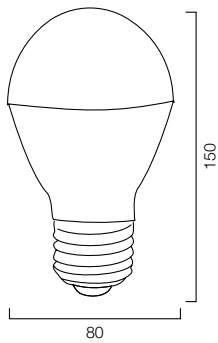
Applications

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

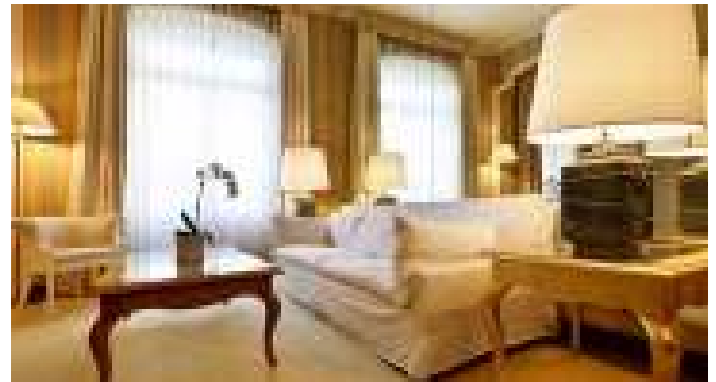
With BIS Certification :

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)
LOLDEREEMC8X020	20W	220-240	0.100	B 22	≥0.90	3000K	1800
LOLDEREEMK8X020	20W	220-240	0.100	B 22	≥0.90	6500K	2000
LOLDERHEMC8X020	20W	220-240	0.100	E 27	≥0.90	3000K	1800
LOLDERHEML8X020	20W	220-240	0.100	E 27	≥0.90	6500K	2000

Adore LED 5.5W GU10 Lamp



Bright Compact 5.5W LED GU10 Lamp with high lumen, to give glare free light.

Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac.
- Withstands voltage Fluctuations from 100-300Vac
- In-built 2.5kv surge protection
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply THD<20%
- Switching cycle >100000x
- Contains no mercury
- Emits virtually no UV/IR light in the beam

Housing & Finish

Elegantly designed with proper Aluminium heat sink for heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based supply). THD<20%.

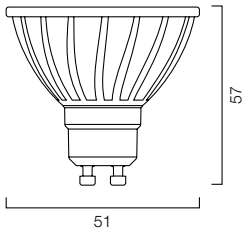
Mounting

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)
LOLDERLCMD8X5X5	10W	220-240	0.030	GU10	3000K	400
LOLDERLCMH8X5X5	10W	220-240	0.030	GU10	4000K	420
LOLDERLCMK8X5X5	10W	220-240	0.030	GU10	6500K	440

Horizon LED Lamp 8W

Bright Compact 8W Horizon lamp with high lumen to give glare free light. Rotatory mechanism to adjust beam of light as per convenience.



Product Specifications

Features & Benefits

- Operating voltage range 220-240Vac
- Withstands voltage Fluctuations from 100-300Vac
- In-built 2.5kv surge protection
- Long life of LED's (over 15,000 burning hours)
- SMPS based constant current supply THD<20%
- Switching cycle >100000x
- Contains no mercury
- Emits virtually no UV/IR light in the beam

Housing & Finish

Elegantly designed PC housing with fins for proper heat dissipation.

Electronic driver

Powered by an electronic driver (SMPS based constant current supply) with high power factor and THD<20%.

Mounting

Suitable for B22 lamp holders.

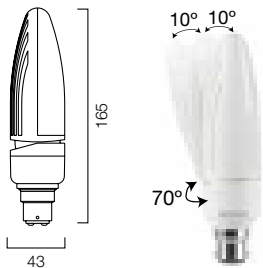
Applications

Corporate Offices
Shopping Malls
Restaurants
Hotel
Exhibition Area
Retail
Hospitality
Indoor Lighting in homes
Residential spaces

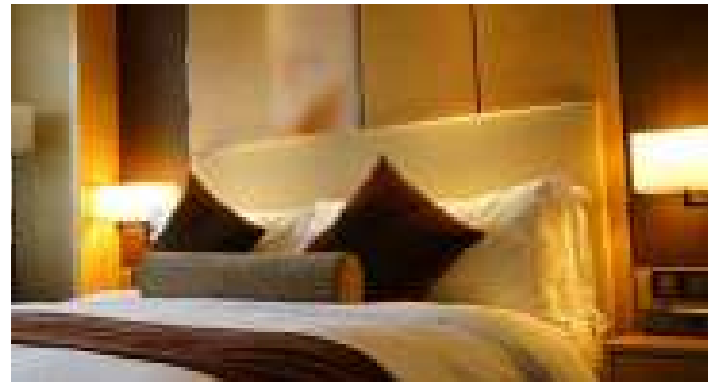
With BIS Certification:

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)
LHLDETHEMD8X008	8W	220-240	0.040	B 22	≥0.90	6500K	700

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
- Average life $L_{70}B_{50}$: 50000 hours

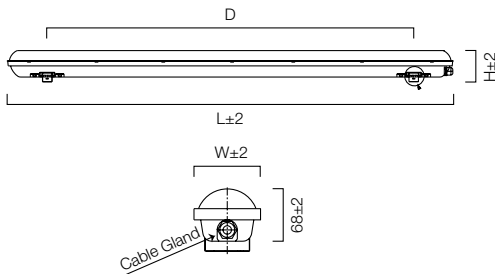
Housing & Finish

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	80	70	225
40W	1180	80	70	800

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

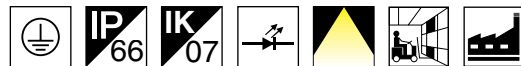
Powered by an integral electronic driver (SMPS based constant current supply) with $THD \leq 33\%$, Output Short-circuit / Open Circuit protection, Surge protection & safety test as per IS:15885 Part 2/Sec 13.

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)
LHEKAWN7UZ6J020	20W	240	0.095	≥ 0.90	≥ 80	6000K	1800
LHEKAWN7UZ6J040	40W	240	0.190	≥ 0.90	≥ 80	6000K	3600

Endura Baybrite Saucer

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
- Average life $L_{70,B_{50}}$: 50000 hours

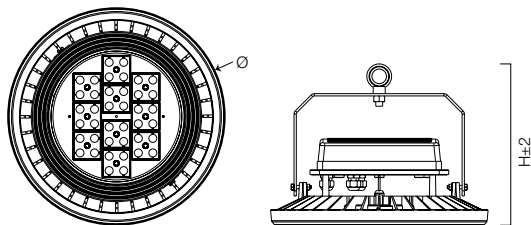
Housing

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.

Dimensional Drawing



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

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

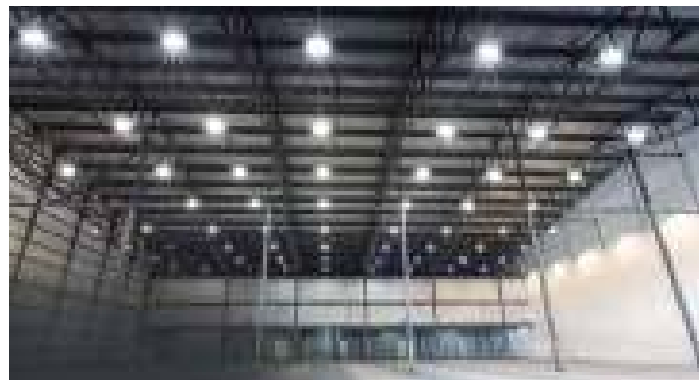
Integral, electronic driver with APFC, THD<10%, Open Circuit Protection, Surge Voltage Protection & other safety test as per IS 15885 Part-2/Sec 13.

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)
LHELAQU7PG6W080	80W	240	0.350	≥ 0.95	≥ 80	5700K	9600
LHELAQU7IG6W080	80W	240	0.350	≥ 0.95	≥ 80	5700K	9600
LHELAQU7PG6W120	120W	240	0.530	≥ 0.95	≥ 80	5700K	14400
LHELAQU7IG6W120	120W	240	0.530	≥ 0.95	≥ 80	5700K	14400

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

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
- Average life $L_{70B_{50}}$: 50000 hours

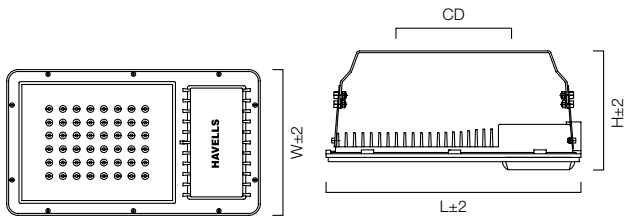
Housing

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	232	227
90W	410	232	227
120W	443	252	238
150W	514	251	238

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

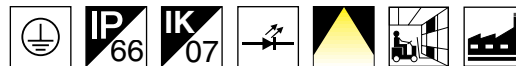
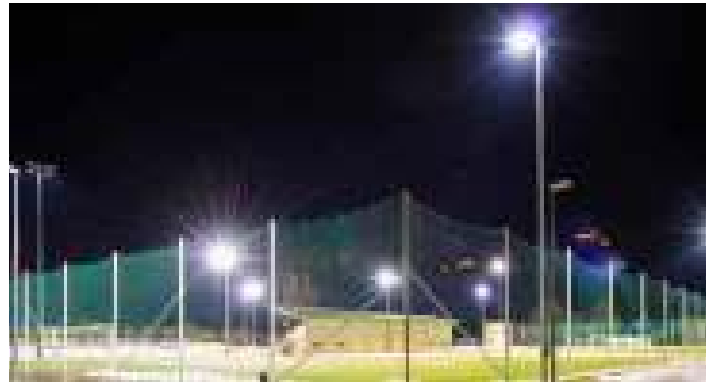
Integral, electronic driver with APFC, with THD $\leq 10\%$, Open Circuit protection, Surge Voltage protection & other safety test as per IS:15885 Part 2/Sec 13.

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
- Average life $L_{70}B_{50}$: 50000 hours

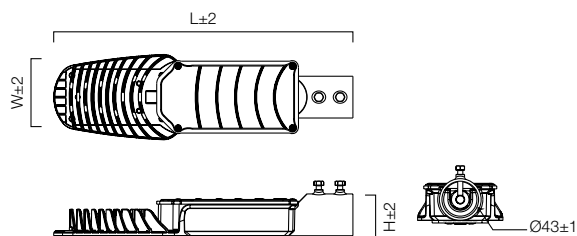
Housing

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	100	54
20W	351	100	54
25W	351	100	54

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

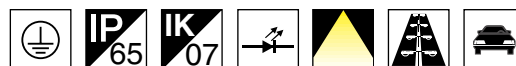
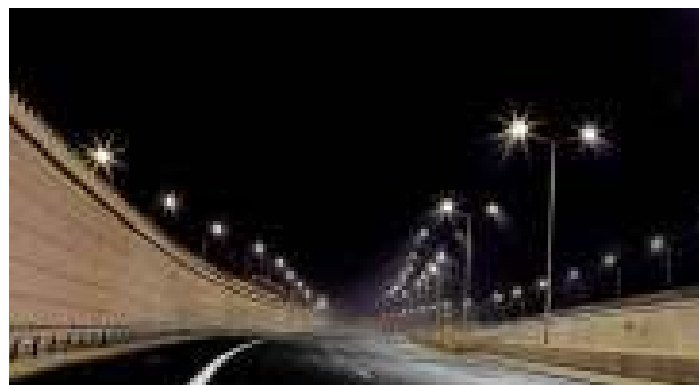
Powered by integral, isolated electronic LED driver (SMPS based constant current supply) with THD \leq 10%, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

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
- 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	\geq 0.95	\geq 70	5700K	1620
LHETBXU7PA6S020	20W	240	0.085	\geq 0.95	\geq 70	5700K	2160
LHETBXU7PA6S025	25W	240	0.105	\geq 0.95	\geq 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
- Average life $L_{70}B_{50}$: 50000 hours

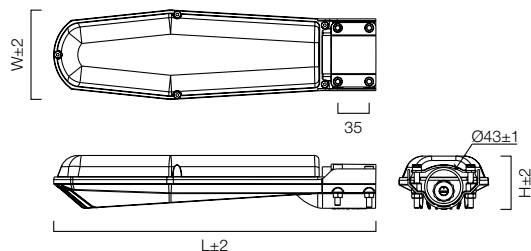
Housing

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	100	60
20W	360	100	60
25W	360	100	60
30W	360	100	60

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

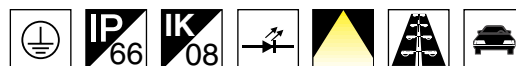
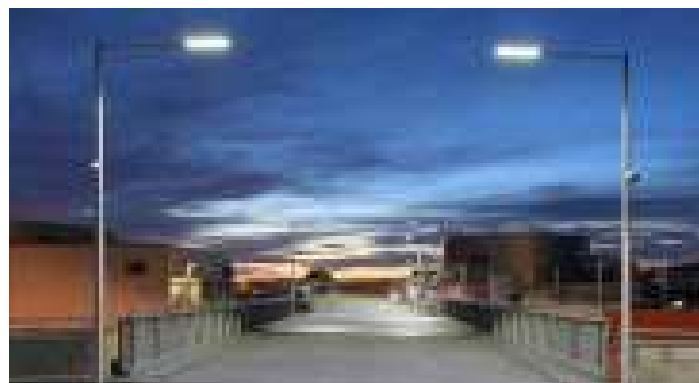
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

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
- Average life $L_{70}B_{50}$: 50000 hours

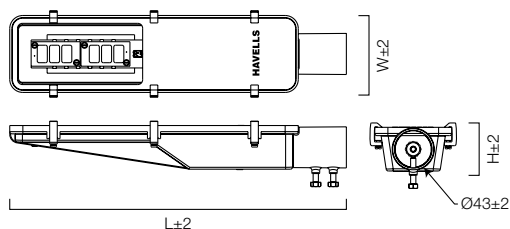
Housing

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	88	60
20W	385	88	60
25W	385	88	60

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

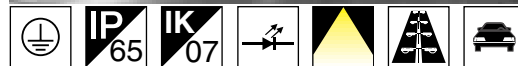
Powered by integral, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

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, LSCELDX0083 for 20W, LSCELDX0146 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
- Average life $L_{70}B_{50}$: 50000 hours

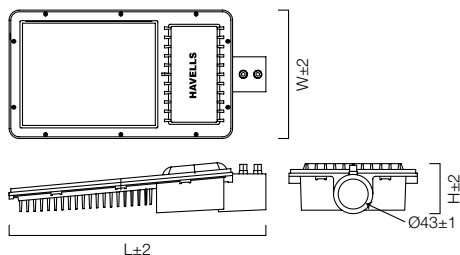
Housing

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	135	70

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

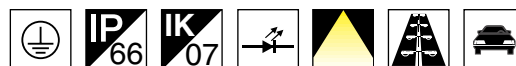
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection with external SPD (10kV) & other safety test as per IS 15885 Part-2/Sec 13.

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 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
- Average life $L_{70}B_{50}$: 50000 hours

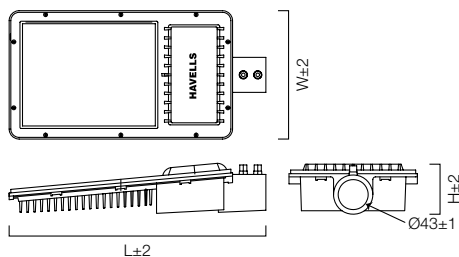
Housing

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	231	85

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

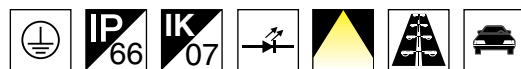
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 15\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

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

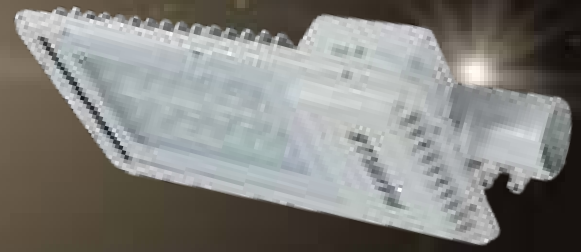


Technical Data

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: LSCELD0X0236.

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
- Average life $L_{70}B_{50}$: 50000 hours

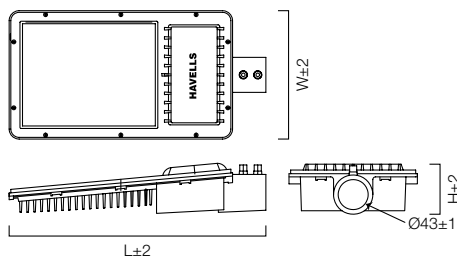
Housing

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	258	88

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

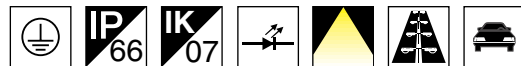
Powered by built-in, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Open / Short Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

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 60/70/80/90W

LED streetlight made up of pressure die cast housing with toughened glass and individual high power LEDs with secondary optics, 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
- Average life $L_{70}B_{50}$: 50000 hours

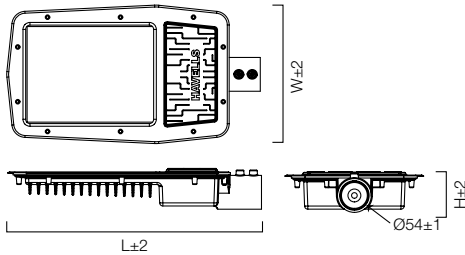
Housing

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 siemens grey after phosphochromate treatment.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
60W	398	208	75
70W	398	208	75
80W	473	258	76
90W	473	258	76

All dimensions are in mm

Light source

High efficiency long life LED chip in modules with lumen efficacy of ≥ 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

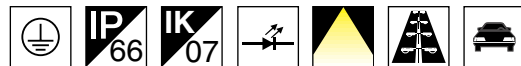
Built-in potted electronic LED driver with APFC (SMPS based constant current supply) with $THD \leq 10\%$, Open Circuit protection, Phase to Phase protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suitable for side entry, pole mounting with bracket arm OD 40mm-60mm. Recommended mounting height with suitable inground reinforcement is 6-8 mtr for 60/70/80W & 8-10 mtr for 90W.

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)
LHETBXU7PA6J060	60W	140-270	0.265	≥ 0.95	≥ 70	5700K	6000
LHETBXU7PA6J070	70W	140-270	0.310	≥ 0.95	≥ 70	5700K	7000
LHETBXU7PA6J080	80W	140-270	0.350	≥ 0.95	≥ 70	5700K	8000
LHETBXU7PA6J090	90W	140-270	0.400	≥ 0.95	≥ 70	5700K	9000

Driver code: LSSLOX0133 for 60/70W, LSSLOX0126 for 80/90W.

Jeta Neo 30 & 50

Energy saving IP65 flood light luminaire with high power COB 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 +45°C
- Operating voltage range: 140-270V
- Average life $L_{70}B_{50}$: 50000 hours

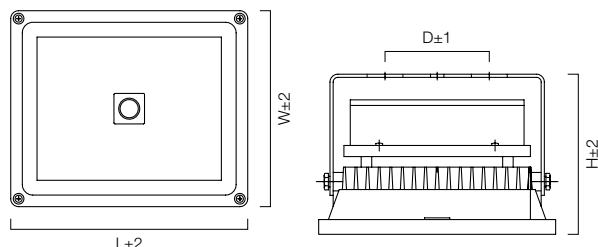
Housing & Finish

Epoxy powder coated pressure die-cast aluminium housing (ADC12/LM24) in white finish with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant. Cable gland PG9 is provided at cable entry for maintaining ingress protection.

Light source

High efficiency long life COB LED mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W with viewing angle 120° to ensure better uniformity of light distribution.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Mounting Hole Distance (D)
30W	225	186	151	90
50W	287	237	170	137

All dimensions are in mm

Optics

Reflector made up of high purity matt finish anodized aluminium sheet.

Cover

Toughened glass fixed to housing with 4 nos. screws.

Electronic driver

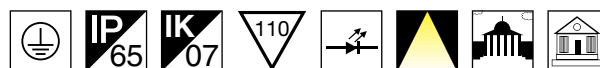
Powered by an built-in, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 33\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall or surface mounting using adjustable MS cradle of thickness 2.5 mm provided with the fixture by 2 elliptical slots of $\varnothing 10$ mm at a distance of 90mm for 30W and at a distance of 137mm for 50W.

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)
LHEPBFUEIN6W030	30W	240	0.140	≥ 0.90	≥ 70	5000K	2400
LHEPBFUEIN6W050	50W	240	0.230	≥ 0.90	≥ 70	5000K	4000

Driver code: HGDRDCBHQA1030 for 30W, LHGDVDBHQB1050 for 50W.

Jeta Neo 70W

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



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 +45°C
- Operating voltage range: 140-270V
- Average life $L_{70,B_{50}}$: 50000 hours

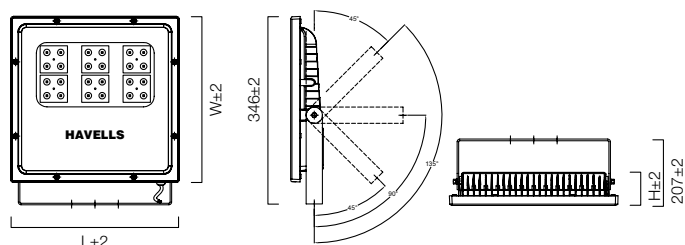
Housing & Finish

Die-cast aluminium housing (heat sink) for efficient thermal management, sturdiness & excellent corrosion resistant. SS Hardwares, silicon gasket and PG9 gland is used for cable entry for maintaining ingress protection.

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)
70W	309	346	60

All dimensions are in mm

Optics

UV Stabilized, 60° beam angle, symmetrical distribution polycarbonate lens. Tempered protective toughened glass 4 mm, thermal shock and impact resistant (IK-07) fixed to the housing with aluminium frame and SS screws.

Electronic driver

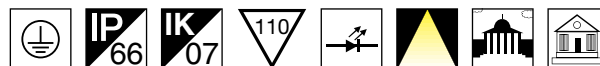
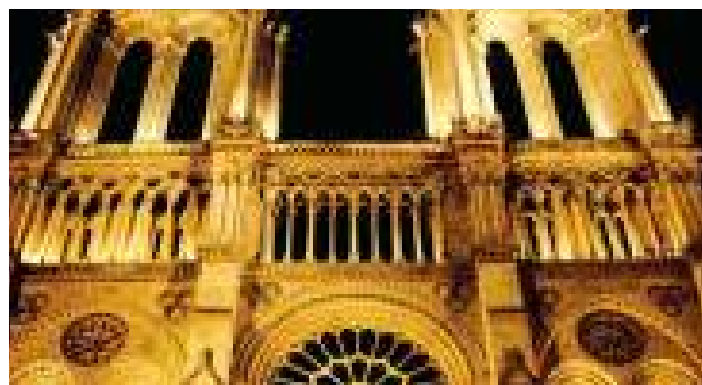
Powered by an integral, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall or surface mounting using adjustable MS cradle of thickness 5 mm provided with the fixture by 2 elliptical slots of 10x20 mm at center distance of 86 mm.

Applications

- Cement & steel plants
- Ware houses
- Factories & assembly lines
- Toll plazas
- Exterior canopies
- Security and perimeter lighting



Technical Data

Ordering Code	System Power	Nominal Voltage (V)	Mains Current (A)	Power Factor	CRI	Colour Temperature (CCT)	System Lumens (lm)
LHEPBFU7PA7K070	70W	240	0.320	≥ 0.95	≥ 70	5700K	7350

Driver code: LSSLOX0133.

Jeta Neo 100W

Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminium IP65 flood light, suitable for highlighting architectural facade and general purpose lighting.



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
- Average life $L_{70,B_{50}}$: 50000 hours

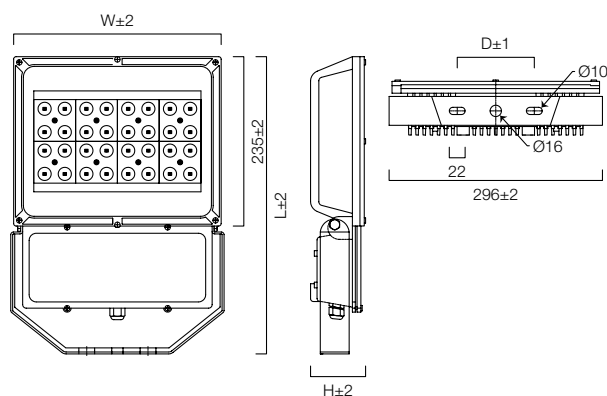
Housing & Finish

Epoxy powder coated die-cast aluminium housing (LM24) in grey finish with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant. Cable gland PG9 is provided at cable entry for maintaining ingress protection.

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Mounting Hole Distance (D)
100W	412	288	76	107

All dimensions are in mm

Cover

Toughened glass fixed to housing with 8 nos. screws.

Electronic driver

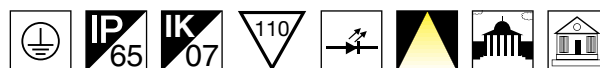
Powered by an built-in, isolated electronic LED driver (SMPS based constant current supply) with $THD \leq 10\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall or surface mounting using adjustable MS cradle of thickness 2.5 mm provided with the fixture by 2 elliptical slots of $\varnothing 10.0$ mm at a distance of 107mm.

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)
LHEPCZU7PA6J100	100W	240	0.440	≥ 0.95	≥ 70	5700K	9000

Driver code: LSSLOX0233.

Jeta Pro Plus

120/150/180/200/240W

Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminium IP65 flood light with high power LEDs as light source, suitable for highlighting architectural facade highmast and general purpose lighting.



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
- Average life $L_{70,B_{50}}$: 50000 hours

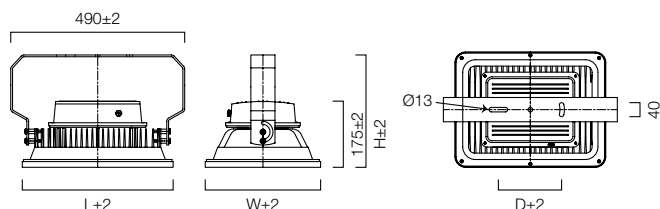
Housing & Finish

Epoxy powder coated pressure die-cast aluminium housing (ADC12/LM24) in grey finish with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant. PG9 cable gland is provided at cable entry for maintaining ingress protection.

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED ≥ 130 lm/W and viewing angle of 120° to ensure better uniformity.

Dimensional Drawing



System Power	Length (L)	Width (W)	Height (H)	Mounting Hole Distance (D)
100/150W	398	288	252	150
180/200W	427	325	308	178
240W	520	330	310	178

All dimensions are in mm

Optics

PC modular lens plate of beam angle 60° to ensure better uniformity of light distribution.

Cover

High quality toughened glass IK07 fixed to housing.

Electronic driver

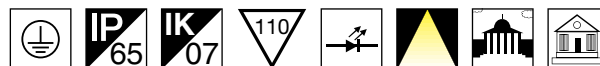
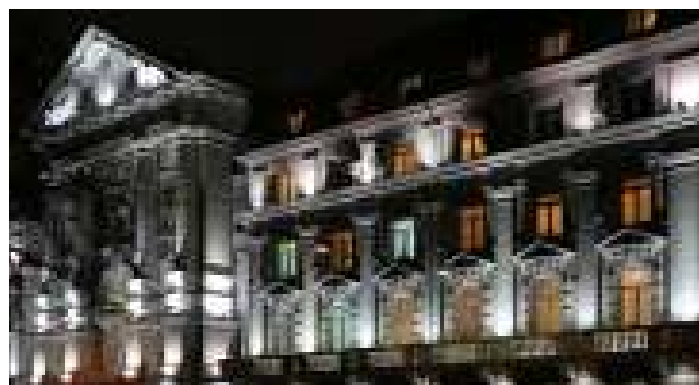
Powered by an integral, isolated electronic LED driver (SMPS based constant current supply) with THD $\leq 10\%$, Output Open / Short Circuit protection, Over Voltage protection, Surge Voltage protection with SPD (10kV) & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall or surface mounting using adjustable MS cradle of thickness 5 mm provided with the fixture by 2 elliptical slots of 13x40mm at center distance of 150mm.

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)
LHFPCZBFP46J120	120W	240	0.600	≥ 0.95	≥ 70	5700K	12000
LHFPCZBFP46J150	150W	240	0.720	≥ 0.95	≥ 70	5700K	15000
LHFPCZBFP46J180	180W	240	0.800	≥ 0.95	≥ 70	5700K	18000
LHFPCZBFP46J200	200W	240	0.920	≥ 0.95	≥ 70	5700K	20000
LHFPCZBFP46J240	240W	240	1.060	≥ 0.95	≥ 70	5700K	24000

Driver code: LSSCRX2037 for 120W, LSCELDOX0213 for 150W, SCRX1870 for 180W, SCRX2023 for 200W, SCRX2037 for 240W.

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
- Average life $L_{70,B_{50}}$: 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.

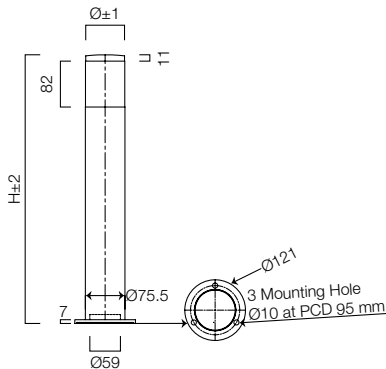
Mounting

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

Applications

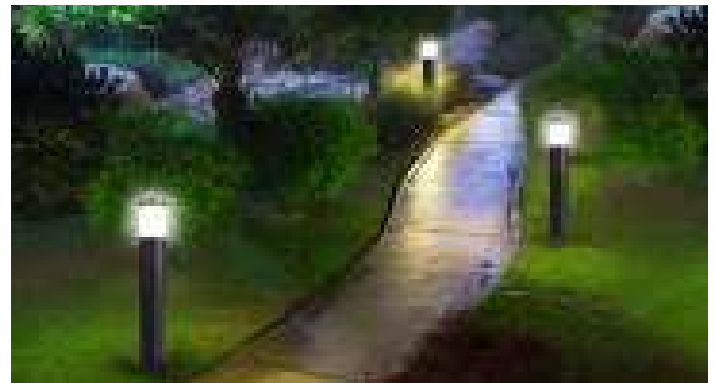
- Lawns
- Gardens
- Pathways
- Court yards
- Decorative porch lighting

Dimensional Drawing



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

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
- Average life $L_{70,B_{50}}$: 50000 hours

Housing

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

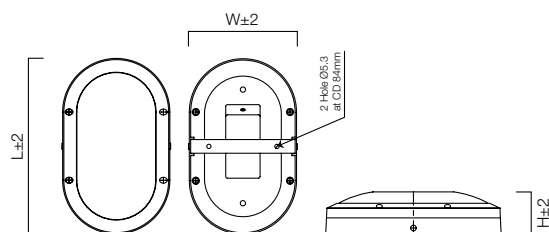
Finish

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	133	52

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.





Other Havells Product Range



LED Lamps



Road Lighting



Industrial Lighting



Clean Room Lighting



Area Lighting



Consumer Lighting



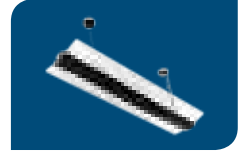
Landscape Lighting



Panel Lighting




Downlighter



Linear Lighting

LP/ZHLRC00001/MAY2017

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