



HAVELLS

LIGHTS WITH A BRIGHTER SIDE

Energy efficient Havells LED lights



Introduction of Havells

Havells India Limited stands as a premier Fast Moving Electrical Goods (FMEG) Company and a significant power distribution equipment manufacturer, boasting a robust global presence. Havells enjoys unparalleled market dominance across a diverse array of products, encompassing Industrial & Domestic Circuit Protection Devices, Cables & Wires, Motors, Fans, Modular Switches, Home Appliances, Air Conditioners, Electric Water Heaters, Power Capacitors, LED Lamps, and Luminaires for Domestic, Commercial, and Industrial Applications.

Today, Havells proudly owns some of the industry's most esteemed brands, including Havells, Lloyd, Crabtree, Standard, and Promptec. Our products reach over 50 countries worldwide. The company operates twelve state-of-the-art manufacturing plants in India, renowned for producing globally acclaimed products synonymous with excellence and precision in the electrical industry.

Today, Havells and its esteemed brands have earned distinction as the preferred choice for discerning individuals and industrial consumers alike, both domestically and internationally. We offer the same quality products for Indian and international markets, remaining committed to powering the world with state-of-the-art innovations and energy-efficient solutions. Over 90% of our current product offerings are energy-efficient and manufactured in-house.

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





Havells HQ Noida, UP, India

Introduction of Plants



Havells State of the art Luminaire Plant, Neemrana

CERTIFICATION

The Havells Lighting Plant in Neemrana spans an impressive 30 acres of land, housing over 200,000 square feet of meticulously organized workspace, all consolidated under a single, expansive roof. Strategically positioned to cater to discerning global markets such as the US, Europe, and the Middle East, this avant-garde facility represents the epitome of industry excellence. Setting a new benchmark in precision engineering, this cutting-edge Havells plant is poised to redefine manufacturing standards for high-end lighting luminaries, bridging the technological gap between the U.S. and India with unparalleled expertise and finesse.



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



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Experience exceptional illumination with our high-performance LED bulbs. Designed for efficiency and reliability, our lights deliver bright, consistent lighting for any space. Enjoy enhanced clarity and energy-saving benefits, transforming your environment with a simple flick of a switch. With our LED bulbs, you'll experience brilliant illumination that not only enhances visibility but also reduces energy consumption. Trust in our reliable and efficient lighting solution to create a well-lit and inviting space tailored to your needs.

Features & Benefits

- Energy-efficient lighting solution for reduced electricity consumption.
- Durable construction for reliable performance and low maintenance.
- Environmentally friendly with no harmful substances like mercury.
- High color rendering index (CRI) for accurate and vibrant lighting.
- Instant and flicker-free illumination for immediate brightness.
- Easy installation and compatibility with standard E26 Holders.
- Long lifespan for extended usage and cost savings.
- Wide beam angle for uniform lighting distribution.

Housing & Finish

Elegantly designed with PolyButylene Terephthalate housing.

Diffuser

Candle shaped Polycarbonate diffuser used dissipation.

Electronic driver

Powered by an Built-In electronic driver.

Mounting

Suitable for E14 / E27 / B22 lamp holders..

Applications

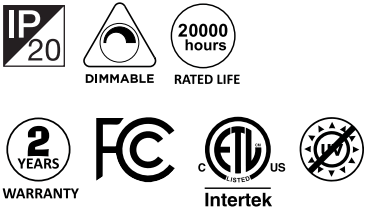
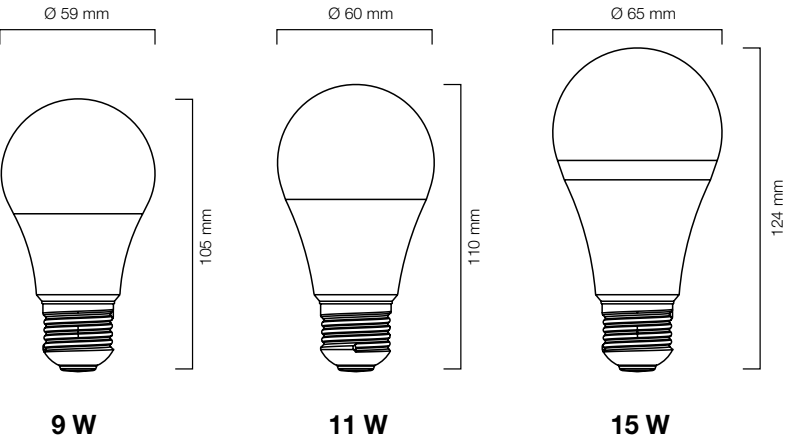
Educational Institution
Healthcare Facilities
Residential Areas
Industrial Spaces
Office Space
Retail Stores

Adore LED Bulb

Item Code	Product Description	System Power (W)	Power Factor	Colour Temp. (CCT)	CRI (Ra)	System Lumens (lm)	Lamp Holder
LOLDDHBN5R9	ADORE LED LAMP DIM A19-9W 3K E26	9 W	≥0.70	3000 K	≥80	800 lm	E 26
LOLDDHBNH5R9	ADORE LED LAMP DIM A19-9W 4K E26	9 W	≥0.70	4000 K	≥80	800 lm	E 26
LOLDDHBNJ5R9	ADORE LED LAMP DIM A19-9W 5K E26	9 W	≥0.70	6500 K	≥80	800 lm	E 26
LOLDDHBN5R11	ADORE LED LAMP DIM A19-11W 3K E26	11 W	≥0.70	3000 K	≥80	1100 lm	E 26
LOLDDHBNH5R11	ADORE LED LAMP DIM A19-11W 4K E26	11 W	≥0.70	4000 K	≥80	1100 lm	E 26
LOLDDHBNJ5R11	ADORE LED LAMP DIM A19-11W 5K E26	11 W	≥0.70	6500 K	≥80	1100 lm	E 26
LOLDDHBN5R15	ADORE LED LAMP DIM A19-15W 3K E26	15 W	≥0.70	3000 K	≥80	1500 lm	E 26
LOLDDHBNH5R15	ADORE LED LAMP DIM A19-15W 4K E26	15 W	≥0.70	4000 K	≥80	1500 lm	E 26
LOLDDHBNJ5R15	ADORE LED LAMP DIM A19-15W 5K E26	15 W	≥0.70	6500 K	≥80	1500 lm	E 26



TECHNICAL DRAWING





Ultra bright LED Tubelight (double side connection) with very high efficacy suited for installation in existing tubelight luminaire with G13 lamp holders.

Features & Benefits

- Excellent efficacy & performance
- Long life & photobiologically safe LEDs
- 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: -40 °C to +45 °C
- Operating voltage range: 100 V - 277 V
- Average life $L_{70B_{50}}$: 50000 hours

Housing & Finish

Elegantly designed aluminum heat sink for efficient heat dissipation mated with high efficacy polycarbonate diffuser to provide glare free uniform light distribution.

End Caps

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

Light source

High efficiency long life SMD LED module with lumen efficacy of 160 lm/W to enhance the lumen output (For detailed photometric data, please refer LM79 report & IES file)..

Electronic driver

Powered by an integral electronic driver (SMPS based constant current supply) with Output Short-Circuit Protection.

Mounting

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

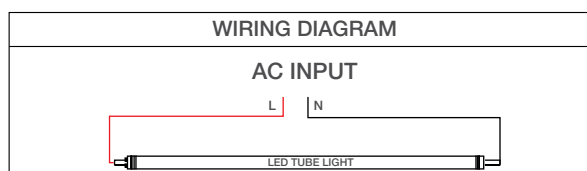
Applications

Corporate offices
Shopping Malls
Restaurants
Hotels
Educational Facility
Parkings

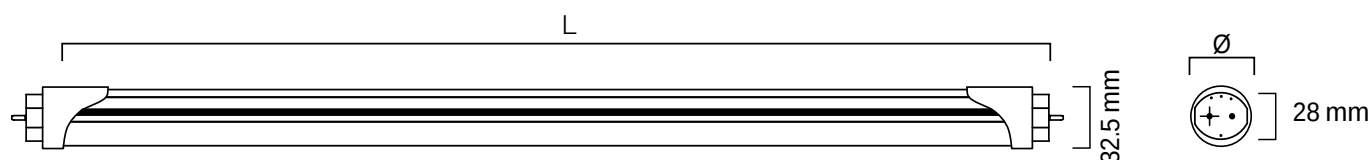
Titania Plus T8 LED Tube

SAP Code	SAP Description	CRI (Ra)	Color Temp. (CCT)	Mains Voltage (V)	Lumen (lm)	System Efficacy (lm/W)
LOLDBXCUJ7Z011	Titania Pro 11W T8	≥80	3000 K, 4000 K, 5000 K	120V AC	1600 lm	145 lm/W
LOLDBXCUJ7Z018	Titania Pro 18W T8	≥80	3000 K, 4000 K, 5000 K	120V AC	2200 lm	125 lm/w
LOLDBXCUJ7Z09	Titania Pro 09W T8	≥80	3000 K, 4000 K, 5000 K	120V AC	1125 lm	125 lm/w
LOLDBXCUJ7Z036	Titania Pro 36W T8	≥80	3000 K, 4000 K, 5000 K	120V AC	4500 lm	125 lm/w
LOLDBXCUJ7Z0135	Titania Pro 13.5W T8	≥80	3000 K, 4000 K, 5000 K	120V AC	1688 lm	125 lm/w

Optics : Clear / White(Milky)

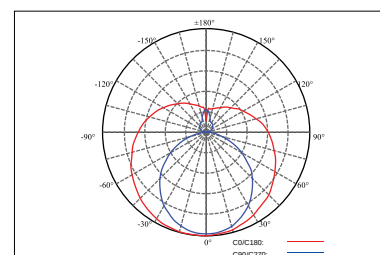


TECHNICAL DRAWING



DIMENSION

SAP Code	Ø	Length (L)
LOLDBXCUJ7Z018/11	28	1200 mm
LOLDBXCUJ7Z09	28	600 mm
LOLDBXCUJ7Z036	28	2400 mm
LOLDBXCUJ7Z0135	28	900 mm



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The Consta Pro LED Strip is a steel-based fixture boasting a pristine white powder coating and offering a comprehensive range of LED options suitable for both dry and damp environments. This versatile product features adjustable CCT and wattage settings via a convenient slide switch, ensuring optimal customization to meet your lighting requirements. Ideal for a variety of applications. The Consta Pro LED Strip delivers unparalleled performance versatility to elevate any space with precision illumination.

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Suitable for dry and damp location use. Drivers have the function to change the CCT and wattage of the product through a slide switch
- Long life, Patent free & photographically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -upto 20 °C +50 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

CRCA housing white powder coated for efficient thermal Management.

Diffuser

Milky white, polycarbonate grade diffuser, for glare free efficient light distribution.

End caps

Elegantly designed white powder coated CRCA integrated end caps to enhance the aesthetic view of the fixture

Light source

High efficiency long life LED package with lumen efficacy of 170 lm/W with a viewing angle of 120° to ensure better lumen output (For detailed photometric data, please refer LM79 report & IES file).

Control Gear

Powered by Class 2 LED driver with constant current output and suitable for dry or damp location use. The drivers have the function to change the CCT and wattage of the end product

through slide switch. Drivers comply with UL 8750: 2015.

Mounting

Application can be Surface/ Suspended mounting
Can be mounted on ceiling /wall with screws at
CD of 440 mm for 2 Feet ,
CD of 1060 mm for 4 Feet
CD of 2204 mm for 8 Feet Strip Light .
it can also be suspended by suspension kit
(can be order separately)

Applications

Commercial Space
Hospital Premises
Educational institutions
Corridors

Consta Pro LED Strip Light

SAP Description	System Power (W)	Power Factor	THD (%)	CRI (Ra)	Highest Wattage Lumen (lm) 5000 K / 4000 K / 3500 K	LPW
SAP Code						
CONSTA PRO LED BATTEN 2FT 23W SWSC IP20 LOEDAYPNPW1W023	23 W / 18 W / 12 W	0.90	≤10	≥80	3000 lm / 3000 lm / 2800 lm	130
CONSTA PRO LED BATTEN 4FT 46W SWSC IP20 LOEDAZPNPW1W046	46 W / 35 W / 23 W	0.90	≤10	≥80	6000 lm / 6000 lm / 5700 lm	130
CONSTA PRO LED BATTEN 8FT 80W SWSC IP20 LOEDAZPNPW1W080	80 W / 60 W / 40 W	0.90	≤10	≥80	10400 lm / 10400 lm / 10000 lm	130

Nominal Voltage (V) : 120 V-277 V

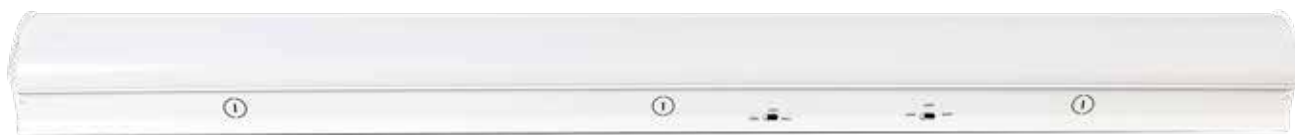
Weight : 1.6 kg for 2ft | 2.8 kg for 4 ft | 4.3 kg for 8ft

Colour Fixture : White

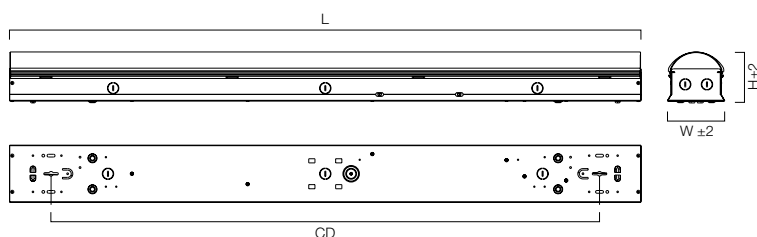
Dimmable : 0-10V

EM Pack : Compatible

Accessories : Hanging Chain

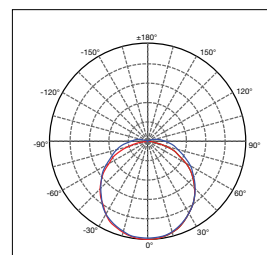


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
23 W SWSC	600 mm	110.5 mm	97.5 mm
46 W SWSC	1220 mm	110.5 mm	97.5 mm
80 W SWSC	2360 mm	110.5 mm	97.5 mm





The Hercules Gen2 Tec Panel light is an environmentally friendly, next-generation luminaire, featuring an aesthetically designed, ultra-modern recess-mounting system. This luminaire offers selectable wattage and color temperature options, making it ideal for Armstrong/grid ceilings.

Features & Benefits

- Delivers excellent illumination & comfort in high-ceiling areas
- Suitable for dry and damp location use
- Drivers have the function to change the CCT and wattage of the product through a slide switch
- Long life & photo-biologically safe LED's
- High-performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations Environment friendly as it does not contain Mercury
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: - 10 °C +40 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing

CRCA powder coated white after phosphochromate treatment.

Optics

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

Light source

High-efficiency long-life LED package with a lumen efficacy of 150 lm/W with a viewing angle of 120° to ensure better lumen output and uniformity.

Electronic driver

Powered by SELV Class II LED driver with constant current output and suitable for dry or damp location use. The drivers have the function to change the

CCT and wattage of the end product through the slide switch. Driver complies with UL 8750: 2015

Mounting

Lay-in mounting in Armstrong/Grid ceiling with safety clamps.

Applications

Commercial Spaces
Airport lounges
Corporate offices
Banks & ATM outlets
Data centers
Modern workspaces
Hospital premises

Hercules LED Panel

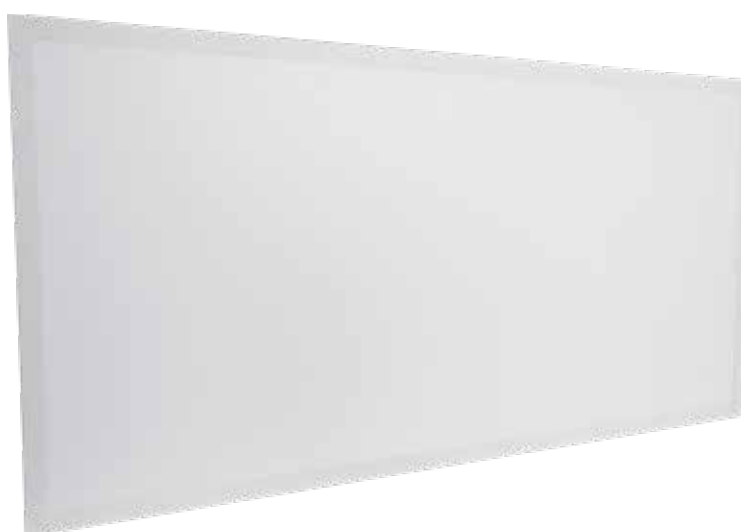
SAP Description	System Power (W)	Power Factor	CRI (Ra)	Highest Wattage Lumen (lm) 5000 K / 4000 K / 3500 K	Lumen Efficacy	Weight (kg)
SAP Code						
HERCULESGEN2US2X4PLR50WLED LOEWAMPNPW1W050	50 W / 40 W / 30 W	0.90	≥80	6000 lm / 6000 lm / 5800 lm	120	3.6 kg
LOEWAMPNPW1W050						
HERCULESGEN2US4X1PLR40WLED LOEWAOPNPW1W040	36 W / 26 W / 16 W	0.90	≥80	4400 lm / 4400 lm / 4200 lm	120	2.0 kg
LOEWAOPNPW1W040						
HERCULESGEN2US2X2PLR40WLED LOEWANPNPW1W040	36 W / 26 W / 16 W	0.90	≥80	4400 lm / 4400 lm / 4200 lm	120	2.0 kg
LOEWANPNPW1W040						

Nominal Voltage (V) : 120 V-277 V

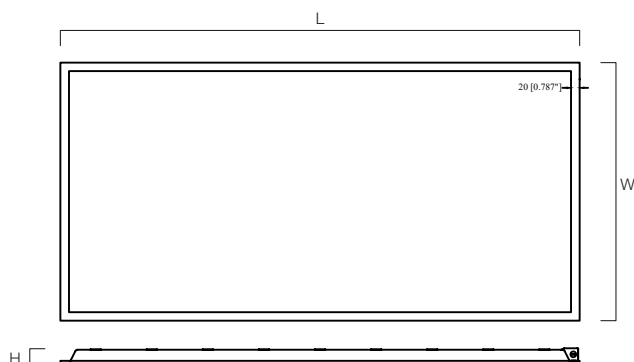
Colour Fixture : White

Dimmable : 0-10V

EM Pack : Compatible

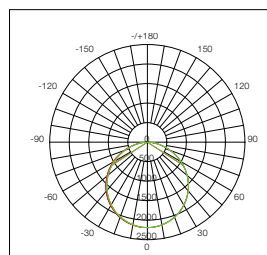


TECHNICAL DRAWING



DIMENSION

System Power	products	Length (l)	Width (w)	Height (h)
50 W / 40 W / 30 W	4 x 2	1213 mm	603 mm	35 mm
36 W / 26 W / 16 W	4 x 1	1213 mm	303 mm	35 mm
36 W / 26 W / 16 W	2 x 2	603 mm	603 mm	35 mm



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The LED Linear High and Low Bays deliver best-in-class efficiency, durability and versatility, resulting in significant energy savings and zero maintenance over the life of the fixture.

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Suitable for dry and damp location use.
- Long life, Patent free & photographically 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: upto -20 °C +45 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing

CRCA housing white powder coated for efficient thermal Management.

Diffuser

Clear white polycarbonate diffuser for efficient light distribution.

Light source

High efficiency long life LED package with lumen efficacy of 170lm/W with a viewing angle of 120° to ensure better lumen output (For detailed photometric data, please refer LM79 report & IES file).

Control Gear

Built-in, electronic LED driver, THD <10%, OverVoltage protection.

Electronic driver

Application can be Suspended mounting. it can also be suspended by suspension kit (can be order separately)

Applications

Warehouse & storage
Industrial facilities
Sports facilities & gyms
Manufacturing facilities
Retail centers

Linear Highbay Gen 1

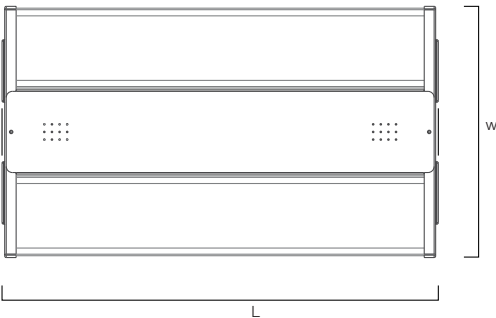
SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Colour Temp. (CCT)	System Lumens (lm)	Colour of Fixture	System Efficacy (lm/W)
Linear Highbay 130W	130 W	≥ 0.95	≤ 10	≥80	5000 K	16900 lm	White	≥130 lm/W
Linear Highbay 180W	180 W	≥ 0.95	≤ 10	≥80	5000 K	22500 lm	White	≥125 lm/W
Linear Highbay 210W	210 W	≥ 0.95	≤ 10	≥80	5000 K	28500 lm	White	≥135 lm/W

EM Pack : Compatible

Accessories : Hanging Chain

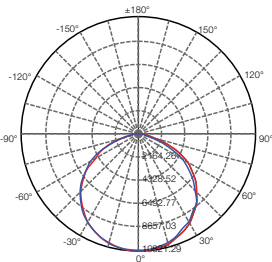


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
130 W / 180 W / 210 W	619 mm	367 mm	53 mm





The LED Linear High and Low Bays deliver best-in-class efficiency, durability and versatility, resulting in significant energy savings and zero maintenance over the life of the fixture.

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Suitable for dry and damp location use.
- CCT Selectable
- Wattage Selectable
- Long life, Patent free & photographically 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: upto -20 °C +45 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70B_{50}}$: 50000 hours

Housing

CRCA housing white powder coated for efficient thermal Management.

Diffuser

Clear white polycarbonate diffuser for efficient light distribution.

Light source

High efficiency long life LED package with lumen efficacy of 170lm/W with a viewing angle of 120° to ensure better lumen output (For detailed photometric data, please refer LM79 report & IES file).

Control Gear

Built-in, electronic LED driver, THD <10%, OverVoltage protection.

Electronic driver

Application can be Suspended mounting. it can also be suspended by suspension kit (can be order separately)

Accessories / Sensor compatibility

Plug-in sensor (optional PIR or microwave sensor)

Applications

Warehouse & storage
Industrial facilities
Sports facilities & gyms
Manufacturing facilities
Retail centers

Linear Highbay Gen 2

SAP Code / SAP Description	System Power (W)	Input Voltage	Lumen Efficacy	Color Temp. (CCT)	Dimming	Beam Angle
Linear Highbay 115 W	85W/100W/115W	100-277 VAC	> 130 lm/W	3000 K, 4000 K, 5000 K Selectable	0 -10V dimming	120 Deg.
Linear Highbay 150 W	120W/135W/150W	100-277 VAC	> 130 lm/W	3000 K, 4000 K, 5000 K Selectable	0 -10V dimming	120 Deg.
Linear Highbay 180 W	140W/160W/180W	100-277 VAC	> 130 lm/W	3000 K, 4000 K, 5000 K Selectable	0 -10V dimming	120 Deg.
Linear Highbay 240 W	200W/220W/240W	100-277 VAC	> 130 lm/W	3000 K, 4000 K, 5000 K Selectable	0 -10V dimming	120 Deg.
Linear Highbay 300 W	300W	100-277 VAC	> 130 lm/W	5000 K	0 -10V dimming	120 Deg.
Linear Highbay 400 W	400W	100-277 VAC	> 130 lm/W	5000 K	0 -10V dimming	120 Deg.
Linear Highbay 300 W	300W	277-480 VAC	> 130 lm/W	5000 K	0 -10V dimming	120 Deg.
Linear Highbay 400 W	400W	277-480 VAC	> 130 lm/W	5000 K	0 -10V dimming	120 Deg.

Nominal Voltage (V) : 120 - 277 V

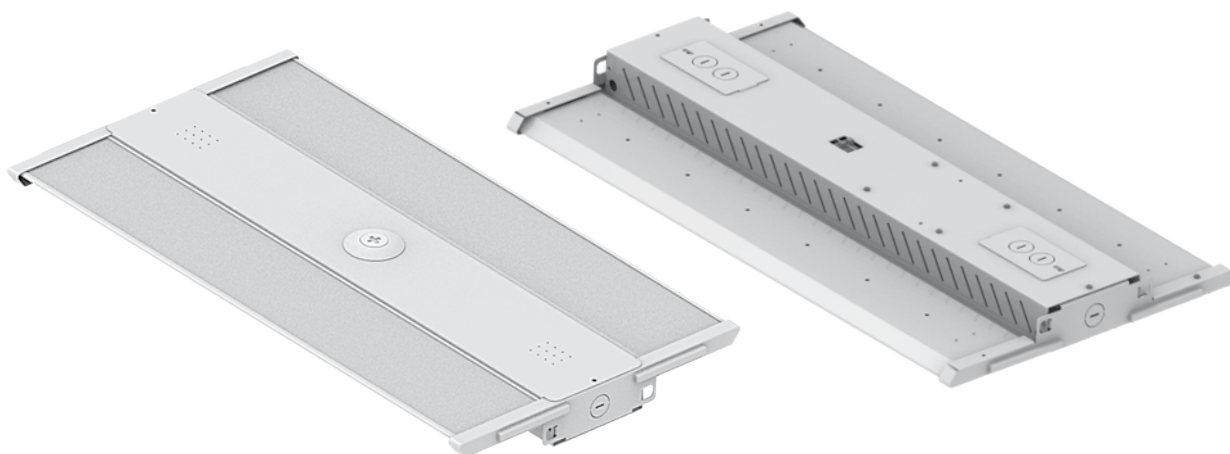
Colour of Fixture : Black

Dimmable : 0-10V

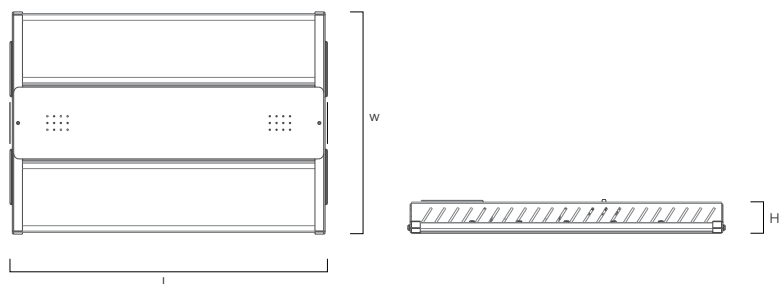
EM Pack : Compatible

Accessories : Hanging Chain

Motion Sensor: Optional

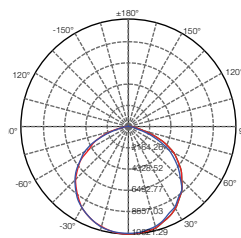


TECHNICAL DRAWING



DIMENSION

System Power	Length (mm)	Width (mm)	Height (mm)
85W/100W/115W	460 mm	330 mm	52 mm
120W/135W/150W	600 mm	330 mm	52 mm
140W/160W/180W	760 mm	330 mm	52 mm
200W/220W/240W	760 mm	330 mm	52 mm
300W	900 mm	330 mm	52 mm
400W	900 mm	330 mm	52 mm
300W	900 mm	330 mm	52 mm
400W	900 mm	330 mm	52 mm



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The Saucer Genx Highbay is an advanced LED luminaire designed for both dry and damp locations, featuring a sleek black powder coating. This versatile range is ideal for illuminating expansive areas such as manufacturing plants, warehouses, and assembly lines. Environmentally friendly and energy-saving, this luminaire boasts high efficacy, providing exceptional illumination while minimizing energy consumption.

Features & Benefits

- Delivers excellent illumination & comfort
- Suitable for dry and damp location use.
- Long life & photobiologically safe LEDs
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature: -10 °C to +50 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

Pressure die-cast aluminum alloy housing with polyester powder coating (heat sink for efficient thermal management, sturdiness & excellent corrosion resistance).

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED >175 lm/W and viewing angle of 120° to ensure better uniformity.

Optics & Cover

High quality Toughened glass cover for uniform distribution (for detailed photometric data, please refer LM79 report & IES file)

Electronic driver

Built-in potted electronic LED driver with APFC (SMPS based constant current supply), lower THD, Open Circuit protection, Over Voltage protection & other safety tests.

Mounting

Suspended by a heavy-duty eye bolt provided with the fixture.

Applications

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

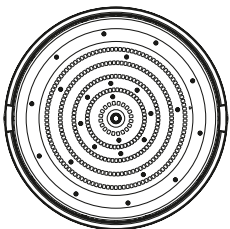
Saucer GenX Highbay

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	Colour Temp. (CCT)	CRI (Ra)	System Lumens (lm)	Colour of Fixture	Weight (kg)
KLHV-130W-4000K-D	130 W	≥ 0.95	≤ 10	4000 K	≥80	16900 lm	Black	2.95 kg
KLHV-130W-5000K-D	130 W	≥ 0.95	≤ 10	5000 K	≥80	16900 lm	Black	2.95 kg
KLHV-180W-4000K-D	180 W	≥ 0.95	≤ 10	4000 K	≥80	23400 lm	Black	3.95 kg
KLHV-180W-5000K-D	180 W	≥ 0.95	≤ 10	5000 K	≥80	23400 lm	Black	3.95 kg
KLHV-210W-4000K-D	210 W	≥ 0.95	≤ 10	4000 K	≥80	27300 lm	Black	3.95 kg
KLHV-210W-5000K-D	210 W	≥ 0.95	≤ 10	5000 K	≥80	27300 lm	Black	3.95 kg

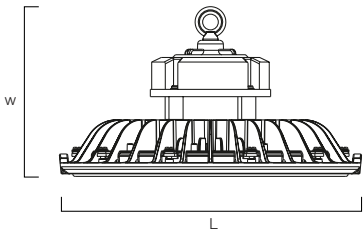
Dimmable : 0-10V
Accessories : Hanging Chain



TECHNICAL DRAWING



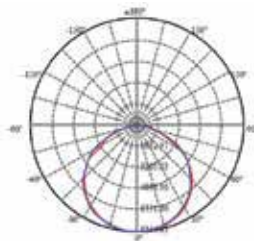
Top View



First View

DIMENSION

System Power	Ø	Height (h)
130 W	320 mm	180 mm
180 W	330 mm	186 mm
210 W	330 mm	186 mm





The Saucer Genx Neo Highbay is an advanced LED luminaire designed for both dry and damp locations, featuring a sleek black powder coating. This versatile range is ideal for illuminating expansive areas such as manufacturing plants, warehouses, and assembly lines. Environmentally friendly and energy-saving, this luminaire boasts high efficacy, providing exceptional illumination while minimizing energy consumption. With selectable CCT and power options, it offers customizable lighting solutions to suit various settings. Additionally, it is seamlessly compatible with motion and lux sensors, further enhancing its functionality and efficiency.

Features & Benefits

- Delivers excellent illumination & comfort
- Suitable for dry and damp location use
- CCT Tunable
- Wattage Tunable
- Long life & photobiologically safe LEDs
- 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: -20 °C to +45 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

Pressure die-cast aluminum alloy housing with polyester powder coating (heat sink for

efficient thermal management, sturdiness & excellent corrosion resistance).

Light source

High efficiency long life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED >175 lm/W and viewing angle of 120° to ensure better uniformity.

Optics & Cover

High quality Polycarbonate cover with integrated lens for uniform distribution (for detailed photometric data, please refer LM79 report & IES file)

Electronic driver

Built-in potted electronic LED driver with APFC (SMPS based constant current supply), lower THD, Open Circuit protection, Over Voltage protection & other safety test.

Mounting

Suspended using heavy-duty eye bolt provided with the fixture.

Accessories / Sensor compatibility

Plug-in sensor (optional PIR or microwave sensor) and Reflector

Applications

Cement & Steel Plants
Warehouses
Factories & Assembly Lines
Toll plazas

Saucer GenX Neo Highbay

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Highest Wattage Lumens (lm) 3000 K / 4000 K / 5000 K	System Efficacy (lm/W)
SAUCERGENX NEO HB 130WLED 8 SWSC PC 90	90 W / 110 W / 130 W	≥ 0.95	≤ 10	≥ 80	15500 lm / 17500 lm / 17000 lm	≥ 130 lm/W
SAUCERGENX NEO HB 160WLED 8 SWSC PC 90	120 W / 140 W / 160 W	≥ 0.95	≤ 10	≥ 80	21000 lm / 23000 lm / 22000 lm	≥ 130 lm/W
SAUCERGENX NEO HB 160WLED 8HE SWSC PC 90	120 W / 140 W / 160 W	≥ 0.95	≤ 10	≥ 80	23000 lm / 24500 lm / 24000 lm	≥ 145 lm/W
SAUCERGENX NEO HB 210WLED 8 SWSC PC 90	170 W / 190 W / 210 W	≥ 0.95	≤ 10	≥ 80	27500 lm / 31000 lm / 29000 lm	≥ 130 lm/W
SAUCERGENX NEO HB 210WLED 8 HE PC 90	170 W / 190 W / 210 W	≥ 0.95	≤ 10	≥ 80	31000 lm / 33000 lm / 31500 lm	≥ 145 lm/W

Nominal Voltage (V) : 120 - 277 V

Colour of Fixture : Black

Spare codes for ordering

Dimmable : 0-10V

Accessories : Hanging Chain

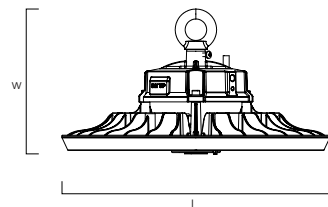
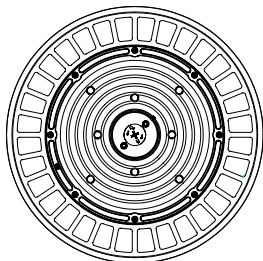
Emergency Battery Pack : LSCELVOD0005

Sensor : LSCELXOX0014

Reflector : 130/160W - LSCPTMLOP048
210W - LSCPTMLOP049

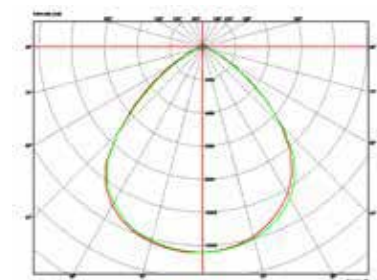


TECHNICAL DRAWING



DIMENSION

System Power	Ø	Height (h)
90 W / 110 W / 130 W	234 mm	154 mm
120 W / 140 W / 160 W	269 mm	168 mm
170 W / 190 W / 210 W	299 mm	162 mm



HAVELLS



The Hexa Mini Wall Packs are crafted with exquisite aesthetics and utilizing cutting-edge switchable wattage and CCT technology, our outdoor lighting solutions are designed to elevate your outdoor spaces with a seamless blend of functionality and beauty. Our family of wall-mounted wall packs is meticulously designed to complement the geometry of any area. They provide focused illumination while minimizing light spillage, ensuring precise and controlled lighting to enhance visibility and aesthetics. With their sleek and compact design, these fixtures exude sophistication and style, perfect for any outdoor setting.

Features & Benefits

- It has the function to change the CCT and wattage of the product through a slide switch.
- Suitable for wet locations.
- Delivers excellent illumination & comfort
- Long life, Patent free & 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: up to -20 °c +55 °c
- Operating voltage range: 110 V - 277 V
- Average life L70B50: 50000 hours
- Provision of photo sensor (Optional)

Housing & Finish

Grey clour, Pressure die-cast aluminium housing for efficient thermal management, sturdiness & excellent corrosion resistance. The housing suitable for wet location protection for high reliability in outdoor applications.

Light source

High efficiency long life LED mounted on MCPCB on opposite ends of fixture. Lumen efficacy of LED >140 lm/W (For detailed photometric data, please refer LM79 report & IES files).

Cover

White, polycarbonate diffuser, for glare-free efficient light distribution.

Electronic driver

Powered by integral electronic LED driver with APFC, lower THO, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection & other safety tests.

Mounting

Can be fixed directly into the wall using SS Screws

Applications

Exterior building lighting
Yard and dock lighting
Parking lot lighting
Industrial lighting
Roadway lighting
Security lighting
Airport lighting

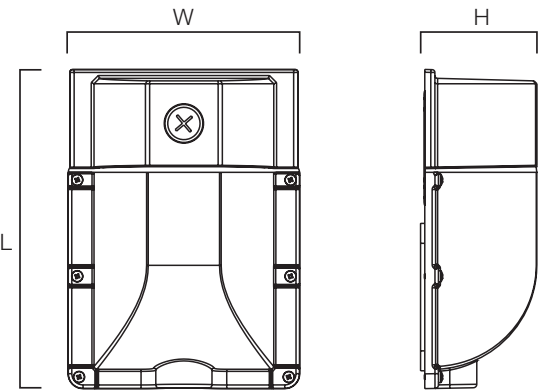
HEXA MINI WALL PACK 24 W

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	System Efficacy (lm/W)
SAP Code						
HEXA MINI WALL PACK 24W LED SWSC LOEKBBPNP17J024	12 W / 18 W / 24 W	0.90	≤20	≥70	1500 Lm / 2250 Lm / 3000 Lm	≥125 lm/W

Nominal Voltage (V) : 120 V-277 V
Weight : 2.7 kg
Colour of Fixture : Grey
Photocell: Optional

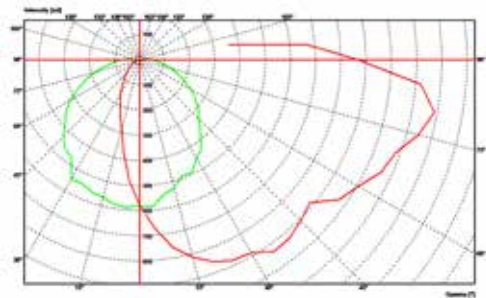


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
12 W / 18 W / 24 W	227 mm	165 mm	83 mm





The Half Cut Wall Packs are crafted with exquisite aesthetics and utilizing cutting-edge switchable wattage and CCT technology, our outdoor lighting solutions are designed to elevate your outdoor spaces with a seamless blend of functionality and beauty. Our family of wall-mounted wall packs is meticulously designed to complement the geometry of any area. They provide focused illumination while minimizing light spillage, ensuring precise and controlled lighting to enhance visibility and aesthetics. With their sleek and compact design, these fixtures exude sophistication and style, perfect for any outdoor setting.

Features & Benefits

- It has the function to change the CCT and wattage of the product through a slide switch.
- Suitable for wet location.
- Delivers excellent illumination & comfort Long life, Patent free & 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: upto -20 °C +40 °C
- Operating voltage range: 110 V - 277 V
- Average life $L_{70B_{50}}$: 50000 hours
- Provision of photo sensor (Optional)

Housing & Finish

Grey color, pressure die-cast aluminum housing for efficient thermal management, sturdiness & excellent corrosion resistance. The housing is suitable for wet locations protection for high reliability in outdoor applications.

Light source

High-efficiency long-life LED mounted on MCPCB on opposite ends of the fixture. Lumen efficacy of LED >160 lm/W (For detailed photometric data, please refer to LM79 report & IES files).

Cover

Milky white, polycarbonate diffuser, for glare-free efficient light distribution.

Electronic driver

Powered by DOB (SMPS-based constant current supply) with lower THD, Output Open/ Short circuit protection.

Mounting

Can be fixed directly into the wall using SS Screws

Applications

Exterior building lighting
Yard and dock lighting
Parking lot lighting
Industrial lighting
Roadway lighting
Security lighting
Airport lighting

Hexa Half Cut Wall Pack Waterproof SEMI Cut Off

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	System Efficacy (lm/W)
SAP Code						
HEXAHCWPA75WLED850ASYMTGSWSCIP65 LOEOBCP8P46J075	75 W / 60 W / 45 W	0.90	≤20	≥80	9000 lm / 9000 lm / 9000 lm	≥120 lm/W
HEXAHCWPA120WLED850ASYMTGSWSCIP65 LHEOBCP8P46J120	120 W / 96 W / 72 W	0.90	≤20	≥80	14400 lm / 14400 lm / 14400 lm	≥120 lm/W

Nominal Voltage (V) : 120 V-277 V

Weight : 2.7 kg

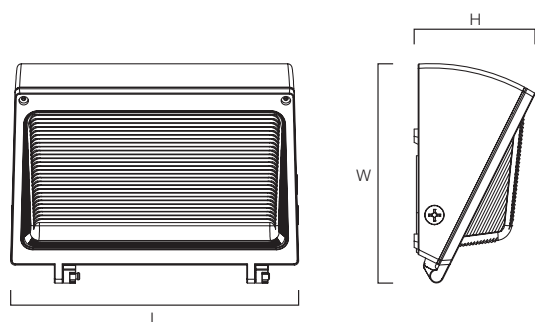
Colour of Fixture : Grey

Accessories : Hanging Chain

Optics: Polycarbonate

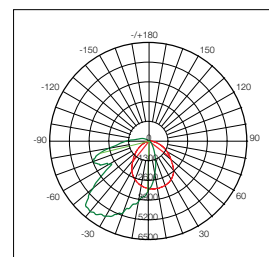
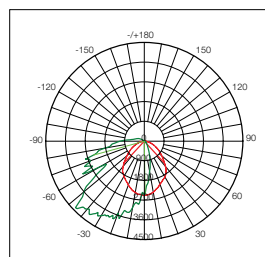


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
120W SWSC	329 mm	251 mm	138 mm
70W SWSC	329 mm	251 mm	138 mm



HAVELLS

27



Jeta Flare Flood Light, environmental friendly, long life, die cast aluminum housing with LEDs as light source, suitable for highlighting architectural features or area lighting. Product has functionality to change CCT and Wattage through slide switch. Product Mounting can be done via 1/2" knuckle or bracket mount. On/ off photocell comes standard on all models.

Features & Benefits

- Delivers excellent illumination & comfort in high-ceiling areas
- Suitable for wet location use.
- Available in black, bronze, & white finish color
- Drivers have the function to change the CCT and wattage through the slide switch
- Long-life, patent-free & photographically safe LED's
- The high-performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain mercury
- On/off photocell comes standard on all models
- Operating temperature -40 °C to +45 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70B_{50}}$: 50000 hours

Housing & Finish

Pure polyester powder-coated die-cast aluminum housing in black/bronze/white finish with an aesthetically designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistance. The M16 gland is used for cable entry.

Light source

High-efficiency long-life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED >160 lm/W and viewing angle of 100°.

Optics & Cover

PC lens cum diffuser for symmetric distribution, thermal shock, and impact resistance fixed to the housing with an aluminum frame and SS screws (For detailed Photometric data, please refer to the LM79 report & IES file)

Electronic driver

Powered by a dimmable Class 2 non-isolated LED driver with a constant current output. It is suitable for wet location use. The drivers have the function to change the CCT and wattage of the end product through a slide switch. The drivers comply with UL 8750: 2015

Mounting

Wall or surface mounting using bracket mount.

Applications

Billboard
Buildings and Monuments
General areas
Construction sites

Jeta Flare Flood Light

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	LPW
SAP Code						
JETAFLAREFLA60WLED850ASYWBKMLTGSWSCIP65 LOEPBAU8PA6K060	60 W / 50 W / 40 W	0.95	≤20	≥80	8400 lm / 8400 lm / 8000 lm	140
JETAFLAREFLA60WLED850ASYWBUMLTGSWSCIP65 LOEPBAU8P16K060	60 W / 50 W / 40 W	0.95	≤20	≥80	5600 lm / 5600 lm / 5300 lm	140

Nominal Voltage (V) : 120 V-277 V

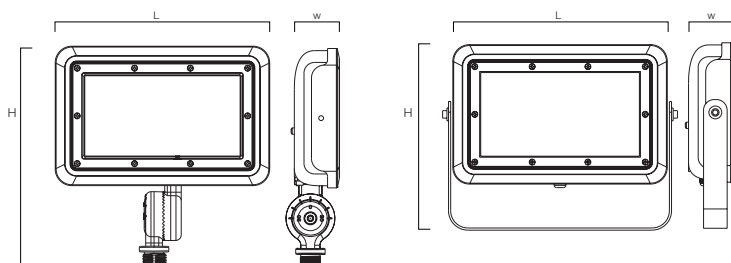
Weight : 1.11 kg

Mounting : Knuckle / U Clamp

Colour of Fixture : Black / Bronze and White

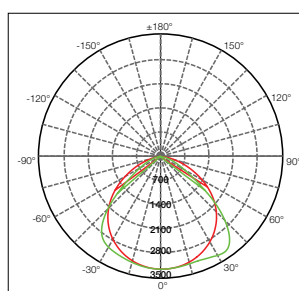


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
40 W / 50 W / 60 W with Knuckle	210 mm	230 mm	46 mm
40 W / 50 W / 60 W with U Clamp	210 mm	188 mm	46 mm





The LED Lighting Jeta Flare Flood Light is an environmentally friendly, long-lasting luminaire featuring a die-cast aluminum housing with LEDs as its light source. Perfect for accentuating architectural features or providing area lighting, this product offers the flexibility to adjust both CCT and wattage settings through a convenient slide switch. Mounting options include bracket mounting for easy installation. Additionally, all models come standard with an on/off photocell for added convenience.

Features & Benefits

- Delivers excellent illumination & comfort in high-ceiling areas
- Suitable for wet location use.
- Available in black, bronze, and white finish color
- Drivers have the function to change the CCT and wattage of the product through a slide switch
- Long life, Patent free & photographically safe LED's
- High performance DOB ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- On/off photocell comes standard on all models
- Operating temperature: -30 °C to +50 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

Pure polyester powder-coated die-cast aluminum housing in black/bronze/white finish with an aesthetically designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistance. The M16 gland is used for cable entry.

Light source

High-efficiency long-life LED module with SMD LED package mounted on MCPCB. Lumen efficacy of LED >160 lm/W and viewing angle of 100°.

Optics & Cover

PC reflector for maximum light output. Tempered protective toughened glass, thermal shock, and impact resistant pasted to the housing with adhesive. (For detailed Photometric data, please refer LM79 report & IES file)

Electronic driver

Powered by dimmable (Driver on board)DOB with constant current output and suitable for wet location use. It has the function to change the CCT and wattage of the end product through a slide switch.

Mounting

Wall or surface mounting using bracket mount.

Applications

Recreational Buildings/Fields
Schools
Warehouse
Factories
Retail Locations

Jeta Flare Flood Light

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	LPW
SAP Code						
JETAFLAREFLA100WLED850ASYWBUMLTGSWSCIP65 LOEPBAU8P16K100	100 W / 80 W / 60 W	0.90	≤20	≥80	14000 lm / 14000 lm / 13500 lm	140
JETAFLAREFLA150WLED850ASYWBUMLTGSWSCIP65 LOEPBAU8P16K150	150 W / 120 W / 100 W	0.90	≤20	≥80	21000 lm / 21000 lm / 20500 lm	140

Nominal Voltage (V) : 120 V-277 V

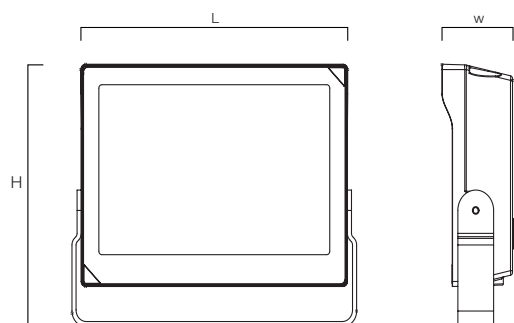
Weight : 3.1 kg

Mounting : U Clamp/Slip Fitter Adapter

Colour of Fixture : Black and Bronze

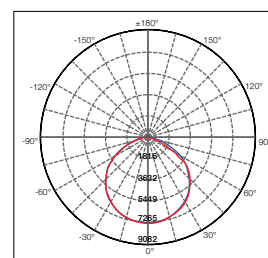
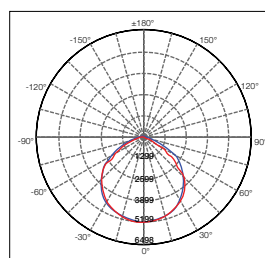


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
60 W / 80 W / 100 W	261 mm	225 mm	69 mm
100 W / 120 W / 150 W	290 mm	246 mm	73 mm





The Endura Pro LED Weatherproof Batten is an energy-saving, environmentally friendly luminaire designed for longevity. With its corrosion-resistant and impact-proof construction, this surface-mountable waterproof fixture features a PC housing and opal finish cover, making it ideal for wet locations. Additionally, the product offers the convenience of adjusting both CCT and wattage settings through a slide switch located on the driver.

Features & Benefits

- Delivers excellent illumination & comfort in high-ceiling areas
- Suitable for wet location use
- Drivers have the function to change the CCT and wattage of the product through a slide switch
- Long life, Patent free & photographically safe LED's
- High-performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Operating temperature: -20 °C to +35 °C
- Operating voltage range: 120 V - 277 V
- Average life $L_{70B_{50}}$: 50000 hours

Housing & Finish

Made up of scratch-resistant unbreakable polycarbonate in a grey finish. PG 16x1.5 cable gland is used for maintaining ingress protection.

Light source

High-efficiency long-life LED package in integral module with lumen efficacy of >170 lm/W and viewing angle of 120° to ensure better uniformity.

Cover

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

Reflector

Power-coated CRCA sheet acts as a reflector and control gear tray.

Electronic driver

Powered by a UL-approved built-in isolated low THD electronic driver (SMPS-based constant current supply) with low THD, Output short-circuit/open circuit protections

Mounting

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

Applications

Battery rooms
Chilling plants
Thermal Power Stations

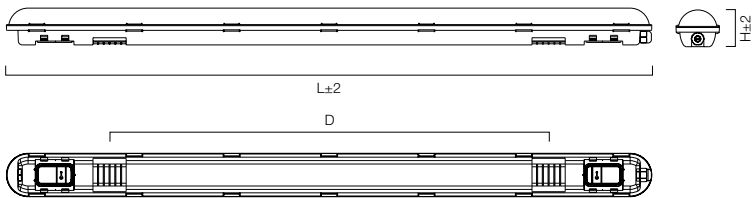
Endura Pro LED Weatherproof Batten

SAP Description	Switchable Wattage (W)	Power Factor	THD (%)	CRI (Ra)	Maximum wattage Lumens (lm) 5000 K / 4000 K / 3000 K	LPW
SAP Code						
ENDURA PRO LED BATTEN 4FT 48W SWSC IP66D LOEKAAP5IZ7J048	36 W / 42 W / 48 W	0.95	≤10	≥80	6240 lm / 6240 lm / 6000 lm	130

Nominal Voltage (V) : 120 V - 277 V
 Weight : 1.8 kg
 Colour of Fixture : Grey

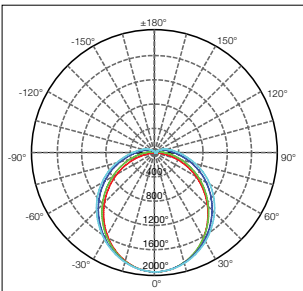


TECHNICAL DRAWING



DIMENSION

System Power	Length (l)	Width (w)	Height (h)
36 W / 42 W / 48 W	1200 mm	123 mm	80 mm





Our innovative Parking Lot Light is a new-generation, energy-saving, and environmentally friendly luminaire designed for longevity. This versatile fixture boasts a pressure die-cast aluminum construction, ensuring durability and waterproof performance. Utilizing high-efficacy power LEDs as its light source, it offers exceptional illumination for parking lots, streets, commercial areas, and beyond. With customizable options for brightness, color temperature, and controls, it provides tailored solutions to meet various lighting requirements.

Features & Benefits

- Delivers excellent illumination
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiation
- Environment friendly as it does not contain mercury
- Instant light with low running temperature
- Operating temperature: -20 °C to +40 °C
- Operating voltage range: 100 V - 300 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing & Finish

Pressure die-cast aluminum alloy for housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistance. The cable gland is used for maintaining ingress protection.

Finish

Pure Polyester powder coated grey after phosphochromate treatment.

Light source

High Power SMD white led chip module mounted on MCPCB with Lumen efficacy of 160 lm/W used to enhance the lumen output.

Optics

PC cover with integrated lens to ensure better uniformity of light distribution. (For detailed Photometric data, Please refer to the LM79 report & IES file)

Electronic Driver

Built-in potted electronic LED driver with APFC (SMPS-based constant current supply), lower THD, Open Circuit protection, High Voltage, and Low Voltage Cut-off, Over Voltage protection, Surge

Mounting

Suitable for Square / Round Pole mount(H/G)" for side entry, pole mounting with bracket arm OD 40 mm-60 mm. The recommended mounting height with suitable inground reinforcement is 9-12 meters.

Applications

City road lighting
Shopping center perimeter lighting
Parking Lots
General outdoor area lighting

Parking Lot / Area Light

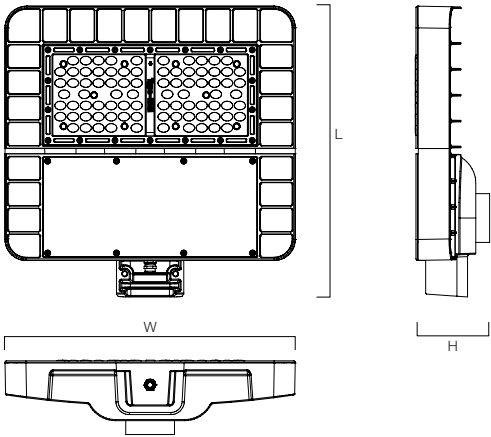
SAP Code	SAP Description	System Power (W)
KLTL100SB-XX-YY-Z	100W SHOEBOX XX UL/DLC 5K	100 W
KLTL120SB-XX-YY-Z	120W SHOEBOX XX UL/DLC 5K	120 W
KLTL150SB-XX-YY-Z	150W SHOEBOX XX UL/DLC 5K	150 W
KLTL200SB-XX-YY-Z	200W SHOEBOX XX UL/DLC 5K	200 W
KLTL240SB-XX-YY-Z	240W SHOEBOX XX UL/DLC 5K	240 W
KLTL300SB-XX-YY-Z	300W SHOEBOX XX UL/DLC 5K	300 W
KLTL350SB-XX-YY-Z	350W SHOEBOX XX UL/DLC 5K	350 W

Power Factor	THD (%)	CRI (Ra)	System Lumens (lm)	System Efficacy (lm/W)
≥ 0.95	≤15	≥70	13000 lm	130 lm/w
≥ 0.95	≤15	≥70	15600 lm	130 lm/w
≥ 0.95	≤15	≥70	19500 lm	130 lm/w
≥ 0.95	≤15	≥70	26000 lm	130 lm/w
≥ 0.95	≤15	≥70	31000 lm	130 lm/w
≥ 0.95	≤15	≥70	39000 lm	130 lm/w
≥ 0.95	≤15	≥70	50050 lm	143 lm/w

Nominal Voltage (V) : 110 V - 277 V | 277 V - 480 V
Color of Fixture : BLACK / WHITE / BRONZE
Photocell : Optional
Mounting Options : Optiona Slip Fitter, Square Pole Mount, Trunnion, Round Pole Mount

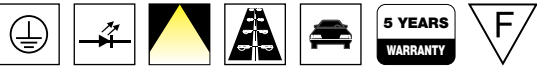


TECHNICAL DRAWING



DIMENSION

System Power	Length (L)	Width (W)	Height (H)	Mounting Bracket Dia (Ø)
150 W	389 mm	388 mm	99 mm	49 mm
300 W	538 mm	388 mm	98 mm	49 mm





Our Backlit LED mirrors have a unique design featuring a regular batten, ensuring reliability and durability. Ideal for use in hotels, motels, apartment complexes, and resorts, this innovative design eliminates the need for a driver on the back of the frame and requires very little maintenance. With easy and quick replacement of the batten, maintenance is hassle-free. Each batten boasts a lifespan of up to 50,000 hours, ensuring long-lasting performance. Additionally, all four battens operate on independent power sources, preventing the mirror from becoming completely dark or light-less.

Features & Benefits

- Anti-fog/condensation-free vanity with a sandblasted border
- Zero revenue 1053 mirror
- Backed with shatter-proof film
- Pencil Polished edge & corners
- Suitable for dry and damp location use
- Sandblasted border by fingerprint protection treatment
- East to install & maintain with hang-on mechanical system
- Long-life, patent-free, & photobiological-safe LEDs
- Easy maintenance & replacement of the batten
- Anti-rust ecological (copper-free) glass.
- Operating voltage range: 100 V -277 V
- Average life $L_{70}B_{50}$: 50000 hours

Batten

Elegantly designed aluminum heat sink for efficient heat dissipation mated with high efficacy polycarbonate diffuser and end caps to provide glare-free uniform light distribution.

Light source

All battens are equipped with high-efficiency long-life SMD LED modules with a lumen efficacy of 160 lm/W to enhance the lumen output (For detailed photometric data, please refer to the LM79 report & IES file).

Mirror

Anti-rust ecological (copper-free) glass, flat minimum 4.8mm thick, backed with shatter proof film congestion-free reflection Pencil polished edge & corner.

Batten's Electronics Driver

Built-in potted electronic LED driver with

APFC (SMPS based constant current supply), lower THD, Open Circuit protection, High Voltage and Low Voltage Cut-off, Over Voltage protection, Surge

Mounting

Wall mount Bar/Mounting Rail

Applications

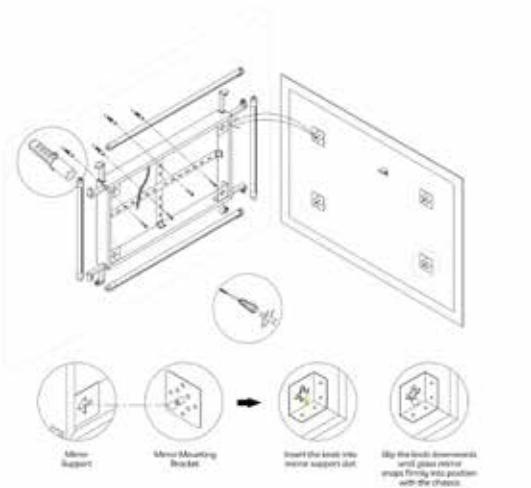
Hotels
Motels
Resorts
House/apartments
Casinos

Backlit LED Mirror

SAP Code	System Power (W)	TUBES NEEDED
KLAT-VML2436	21 W	2 x 10.5W
KLAT-VML3040	21 W	2 x 10.5W
KLAT-VML3642	30 W	3 x 10.5W
KLAT-VML4048	30 W	3 x 10.5W
KLAT-VML3040	42 W	4 x 10.5W
KLAT-VML3042	51 W	2 x 10.5W, 2 x 15W
KLAT-VML4242	60 W	4 x 15W
KLAT-VML3636	60 W	4 x 15W
KLAT-VML3648	66 W	2 x 15W, 2 x 18W
KLAT-VML4254	66 W	2 x 15W, 2 x 18W



TECHNICAL DRAWING



DIMENSION

System Power	Length (L)	Width (W)
21 W	24 in	36 in
21 W	30 in	40 in
30 W	36 in	42 in
30 W	40 in	48 in
42 W	30 in	40 in
51 W	30 in	42 in
60 W	42 in	42 in
60 W	36 in	36 in
66 W	36 in	48 in
66 W	42 in	54 in





Our Canopy Lights are Crafted to deliver efficient and reliable illumination, they are ideal for gas stations, parking lots, and covered walkways. Utilizing advanced LED technology, these fixtures provide optimal visibility, enhancing safety and security. Experience long-lasting performance and energy savings, illuminating your outdoor areas with confidence. Create a well-lit environment that seamlessly blends functionality with aesthetics.

Features & Benefits

- A Reliable lighting solution for building entrances
- Enhances safety and enhances in visibility.
- Efficient illumination for outdoor spaces.
- Provides coverage for covered walkways.

Housing

CRCA housing white powder coated for efficient thermal management

Diffuser

Clear white polycarbonate diffuser for efficient light distribution.

Applications

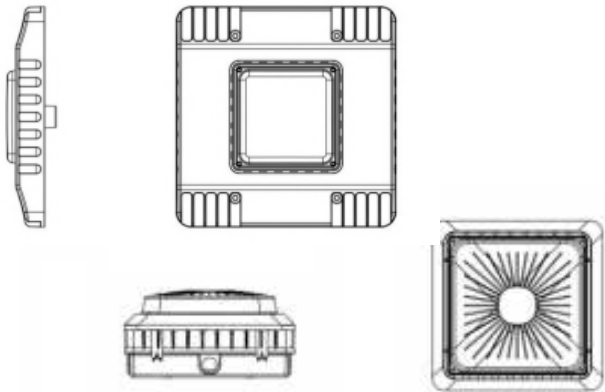
Outdoor seating area
Covered walkways
Building entrances
Loading docks
Gas Stations
Parking lots
Car Washes

Canopy Light

SAP Code / SAP Description	System Power (W)	Input Voltage	Lumen Efficacy	Color Temp. (CCT)	Dimming	Beam Angle
KLSN-CP3B-45WSASA2-WH50	45	100-277 VAC	> 133 lm/W	5000 K	1 -10V dimming	160 Deg.
KLSN-CP3B-55WSASA2-WH50	55	100-277 VAC	> 133 lm/W	4000k, 5000k	1 -10V dimming	160 Deg.
KLSN-CP3B-75WSASA2-WH50	75	100-277 VAC	> 133 lm/W	4000k, 5000k	1 -10V dimming	160 Deg.
KLSN-CP3B-120WSASA2-WH50	120	100-277 VAC	> 130 lm/W	5000 K	1 -10V dimming	120 Deg.
KLSN-CP3B-150WSAMA2-WH50	150	100-277 VAC	> 140 lm/W	5000 K	1 -10V dimming	110 Deg.



TECHNICAL DRAWING



DIMENSION

System Power	Length (mm)	Width (mm)	Height (mm)
45W	227 mm	227 mm	115 mm
55W	227 mm	227 mm	115 mm
75W	255 mm	255 mm	255 mm
120W	380 mm	380 mm	65 mm
150W	520 mm	520 mm	128 mm





A well-illuminated sign serves multiple purposes, including wayfinding, advertising, information dissemination, and presentation. Havells offers a comprehensive suite of sign solutions designed to illuminate signs and effectively convey messages.

Features & Benefits

- Reliable illumination with a rated life of 50,000 hours
- Connect up to 20 in a series
- No External Drivers needed
- Benefit from peace of mind with a generous 5-year warranty
- SAM listed for compliance and quality assurance
- UL certified for safety and reliability standards
- Experience double-sided brilliance with our innovative sign tube design
- Achieve crisp and vibrant lighting with a color temperature of 6000K
- Ensure durability in any conditions with IP65 weatherproof rating
- Versatile compatibility, operating on a 100 v - 277 v temperature

Housing Material

The housing of Rapid Lamp Gen 2 LED retrofit tubes is made from durable materials such as high-strength glass or polycarbonate, ensuring longevity and resistance to environmental factors.

Strength and Durability

Rapid Lamp Gen 2 tubes are designed to withstand various outdoor conditions including weather elements like rain, wind, and extreme temperatures, thanks to their robust construction and quality materials.

Applications

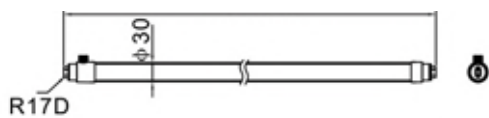
Pylon Signs
Monument Signs
Awnings
Canopy Fascia
Building Wraps

Rapid Lamp Gen 2

SAP Code	System Power (W)	CRI (Ra)	Color Temp. (CCT)	Lumen (lm)
2SL07T10XX0450	7 W	≥80	6000K	910lm
2SL13T10XX0600	13 W	≥80	6000K	1560lm
2SL13T10XX0750	13 W	≥80	6000K	1690lm
2SL16T10XX0900	16 W	≥80	6000K	2080lm
2SL21T10XX1050	21 W	≥80	6000K	2700lm
2SL21T10XX1200	21 W	≥80	6000K	2730lm
2SL28T10XX1500	28 W	≥80	6000K	3640lm
2SL28T10XX1600	28 W	≥80	6000K	3640lm
2SL38T10XX1800	38 W	≥80	6000K	4750lm
2SL38T10XX2100	38 W	≥80	6000K	4750lm
2SL28T10XX2475	51 W	≥80	6000K	6630lm
2SL28T10XX2700	51 W	≥80	6000K	6630lm
2SL38T10XX2925	60 W	≥80	6000K	8450lm
2SL38T10XX3000	60 W	≥80	6000K	8450lm

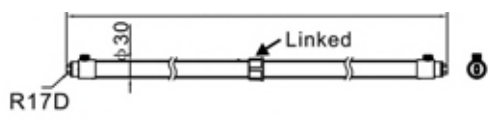


TECHNICAL DRAWING



Sizes:

F36, F42, F48, F60, F64, F72, F84, F96, F108, F117, F120



Sizes:

F108, F117, F120 (2 Pcs per Lamp) for Easy Shipping and Handling.

DIMENSION

SAP Code	System Power	Ø	Length (L)
2SL07T10XX0450	7 W	30	18 in
2SL13T10XX0600	13 W	30	24 in
2SL13T10XX0750	13 W	30	30 in
2SL16T10XX0900	16 W	30	36 in
2SL21T10XX1050	21 W	30	42 in
2SL21T10XX1200	21 W	30	48 in
2SL28T10XX1500	28 W	30	60 in
2SL28T10XX1600	28 W	30	64 in
2SL38T10XX1800	38 W	30	72 in
2SL38T10XX2100	38 W	30	80 in
2SL28T10XX2475	51 W	30	96 in
2SL28T10XX2700	51 W	30	108 in
2SL38T10XX2925	60 W	30	117 in
2SL38T10XX3000	60 W	30	120 in





The generation 3 sign solution from Havells brilliantly fulfills various functions such as wayfinding, advertising, information dissemination, and presentation. Havells offers a comprehensive suite of sign solutions with the Generation 3 sign lamps tailored for slimmer cabinets effectively conveying messages and illuminating slim sign cabinets.

Features & Benefits

- Designed for slimmer cabinets,
- Boasting a 50,000-hour rated life and backed by a 5-year warranty
- Connect up to 20 in a series
- No External Drivers needed
- SAM listed for compliance and quality assurance
- UL certified for safety and reliability standards
- Experience double-sided brilliance with our innovative sign tube design
- Achieves crisp and vibrant lighting with a color temperature of 6000k
- Ensure durability in any conditions with IP65 weatherproof rating
- Versatile compatibility, operating on 100 v - 277 v temperature

Rotatable Ends (R17D)

The rotatable ends, featuring an R17D base, provide flexibility during installation, allowing the tubes to be easily positioned and adjusted to fit different sign cabinets or fixtures.

Driverless Operation

Rapid Lamp Gen2 LED Retrofit tubes are engineered with integrated drivers, eliminating the need for external drivers. This plug-and-play Design simplifies installation and reduces the risk of compatibility issues, making it a hassle-free solution for sign illumination projects.

LENS

Special Lens are used for better dispersion of light to 180°

Applications

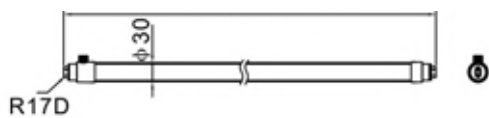
Retail Signage
Outdoor Advertising
Wayfinding Signage
Street Signs and Traffic Signals
Architectural Lighting
Event Signage

Rapid Lamp Gen 3

SAP Code	System Power (W)	CRI (Ra)	Color Temp. (CCT)	Lumen (lm)
3SL16T10XX0900	16 W	≥80	6000K	2080lm
3SL21T10XX1050	21 W	≥80	6000K	2700lm
3SL21T10XX1200	21 W	≥80	6000K	2730lm
3SL28T10XX1500	28 W	≥80	6000K	3640lm
3SL28T10XX1600	28 W	≥80	6000K	3640lm
3SL38T10XX1800	38 W	≥80	6000K	4750lm
3SL38T10XX2100	38 W	≥80	6000K	4750lm
3SL51T10XX2475	51 W	≥80	6000K	6630lm
3SL51T10XX2700	51 W	≥80	6000K	6630lm
3SL60T10XX2925	60 W	≥80	6000K	8450lm
3SL60T10XX3000	60 W	≥80	6000K	8450lm

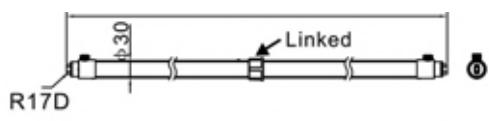


TECHNICAL DRAWING



Sizes:

F36, F42, F48, F60, F64, F72, F84, F96, F108, F117, F120



Sizes:

F108, F117, F120 (2 Pcs per Lamp) for Easy Shipping and Handling.

DIMENSION

SAP Code	System Power	Ø	Length (L)
3SL16T10XX0900	16 W	30	36 in
3SL21T10XX1050	21 W	30	42 in
3SL21T10XX1200	21 W	30	48 in
3SL28T10XX1500	28 W	30	60 in
3SL28T10XX1600	28 W	30	64 in
3SL38T10XX1800	38 W	30	72 in
3SL38T10XX2100	38 W	30	80 in
3SL51T10XX2475	51 W	30	96 in
3SL51T10XX2700	51 W	30	108 in
3SL60T10XX2925	60 W	30	117 in
3SL60T10XX3000	60 W	30	120 in





The Rapid Bracket enables the lamps to be seamlessly integrated into both new-build sign cabinets and other settings. Our side-mount bracket is specifically designed for installing lamps inside side cabinets. Additionally, our back-mounting bracket can be utilized on walls or ceilings to provide illumination in tight spaces, such as awnings, canopy fascia, and building wraps. These brackets are user-friendly and versatile, allowing our lamps to be utilized in various settings.

Features & Benefits

- Constructed from durable plastic material, these brackets consist of two parts designed with high di-electric strength, ensuring safe and reliable installations.
- Users can easily assemble and install the brackets without the need for specialized tools, offering convenience and efficiency.
- Specifically designed for use with Rapid Lamps 2 and Rapid Lamps 3, ensuring seamless integration and optimal performance.
- Available in two variants, Back Mount and Side Mount, providing flexibility in installation configurations to suit various applications and preferences.

Fixture Mounting

For signage, Rapid Brackets offer a reliable means of mounting without the hassle of traditional installation methods.

High Di-electric Strength Material

Constructed from materials with high di-electric strength, such as Polycarbonate or ABS (Acrylonitrile Butadiene Styrene). These brackets offer reliable insulation properties making them suitable for use in electrical applications where safety is paramount.

Two-Part Design

Rapid brackets feature a simplistic yet effective two-part design, enabling swift installation without the need for complex tools or equipment.

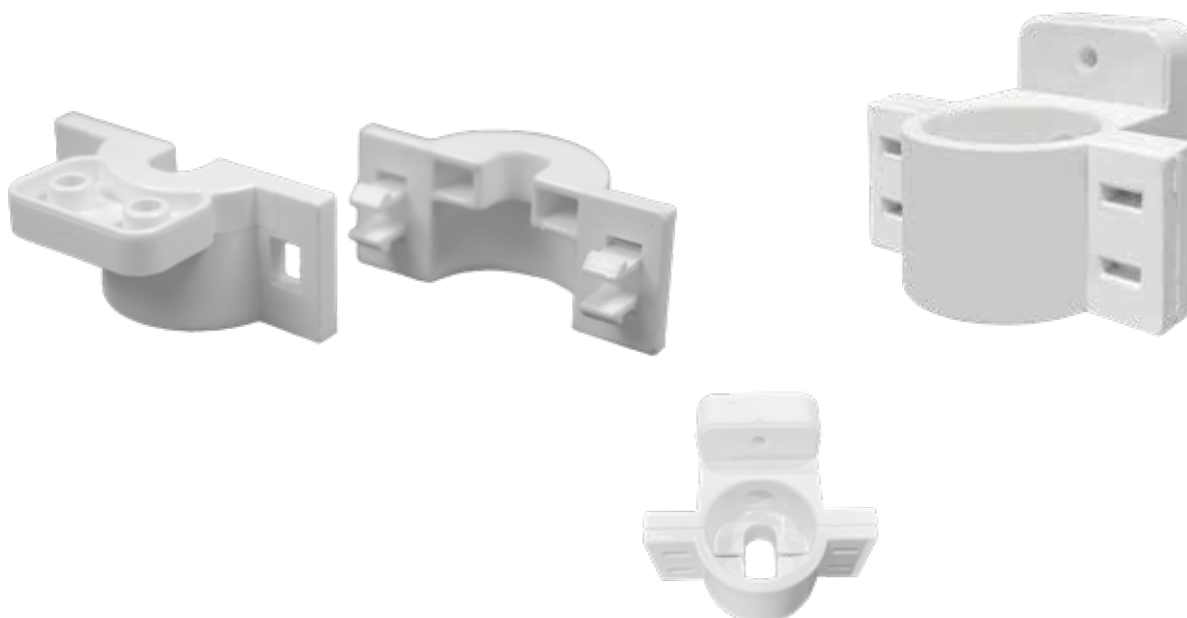
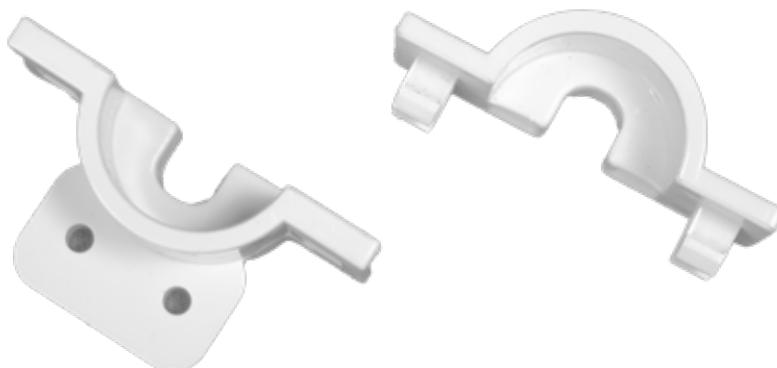
Applications

Side Mount: Sign cabinets

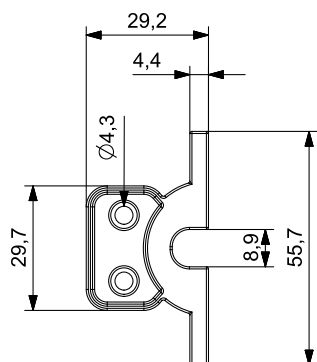
Back Mount: Awnings, Canopy Fascia,
& Building Wraps

Rapid Bracket

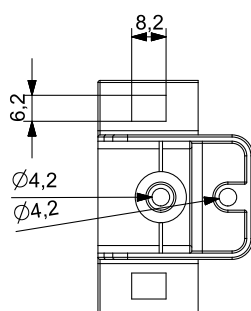
Tube Size(in)	Ø	Length (L)
18	30	16 1/4"
24	30	22 1/4"
30	30	28 1/4"
36	30	34 1/4"
42	30	40 1/4"
48	30	46 1/4"
60	30	58 1/4"
64	30	62 1/4"
72	30	70 1/4"
84	30	82 1/4"
96	30	94 1/4"
108	30	106 1/8"
117	30	115 1/8"
120	30	118 1/8"



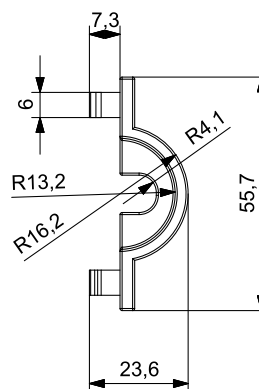
TECHNICAL DRAWING



Side Mounting Bracket



Back Mounting Bracket



Top Cover



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