

LED - PRODUCT CATALOGUE



Halonix Technologies Pvt. Ltd.

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JOIN THE GREEN REVOLUTION

ABOUT US

Halonix Technologies Pvt. Ltd. is amongst India's fastest growing residential and institutional lighting companies. The success of Halonix lies in its unparalleled ability to develop, test and deploy lighting solutions that are relevant to Indian conditions. Thanks to its focus on innovation and quality control, the brand is widely accepted across India by consumers and trade alike.

Halonix is a progressive, environment friendly lighting company. It is abreast of emerging technologies like LED and CFL and offers a wide range of products across LED, CFL, Luminaires, Home decorative lighting, Halogens and High intensity discharge lamps. As a brand that stands for 'The Right Light', Halonix continues to push the boundaries to develop better solutions across the spectrum of home and commercial lighting.

Halonix has state-of-the-art manufacturing facilities and has been accredited with ISO 9001, ISO 14001, and OHSAS 18001 certification. It has a dedicated R&D team having own NABL accredited test labs situated at the plant itself with a fully equipped state-of-the-art laboratory that tests and develops products tailor-made for India.

PAN INDIA PRESENCE



Our Network

Corporate Office	: Noida
Regional Offices	: Bengaluru, Kolkata, Mumbai
Warehouses	: (North) Delhi, Dehradun, Jaipur, Kundli, Lucknow, Noida, Zirakpur (East) Bhubaneswar, Guwahati, Siliguri, Kolkata, Patna, Ranchi (South) Bengaluru, Cochin, Chennai, Hyderabad, Vijaywada (West) Ahmedabad, Bhiwandi, Indore, Raipur, Nagpur

HALONIX ADVANTAGES

Halonix offers only reliable products. which conforms all safety, reliability and performance criteria:

Safety

- Conform Indian IS and International IEC standards
- Surge tests as per Indian voltage conditions

Reliability

- Conform low voltage, high voltage, high temperature, high humidity, low temperature, switching tests
- Conform for life testing
- Conform for thermal tests

Performance

- Conform for close-tolerance electrical parameter test
- Colorimetric test -Integrating sphere
- Photometric test-Goniophotometer
- State-of-art production facility
- State-of-art testing facility
- NABL accredited own test lab facility
- Halonix deals with only reputed LED manufacturers

LED ADVANTAGES

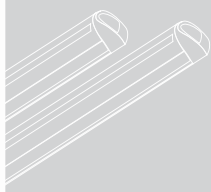
Excellent performance	With best quality LEDs
Low maintenance	Long life of upto 50,000 burning hours
Excellent thermal management	Ideal heat dissipation with good quality heat sink
Reduces power consumption	Saves lighting and HVAC load with energy efficient LED products
Instant start	Safe instantaneous light output
High luminous efficacy	Good system efficacy with least losses
Lower ownership cost	Can achieve lower payback period with maintenance free LED products
Better colour rendering	Excellent visual perception even in dark thus ideal for CCTV
LED certification	Contains green lighting with no UV/IR radiations and causes no light pollution

LED LAMPS



Pg **1**

**LED TUBELIGHTS
& BATTENS**



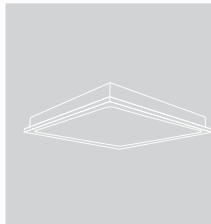
Pg **9**

LED DOWN LIGHTERS



Pg **17**

LED FLAT PANELS



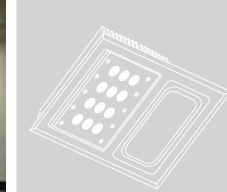
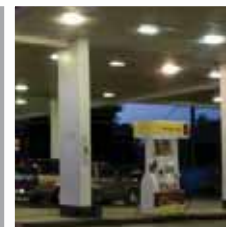
Pg **33**

LED BAY LIGHTS



Pg **43**

LED CANOPY LIGHT



Pg **55**

LED STREET LIGHTS



Pg **58**

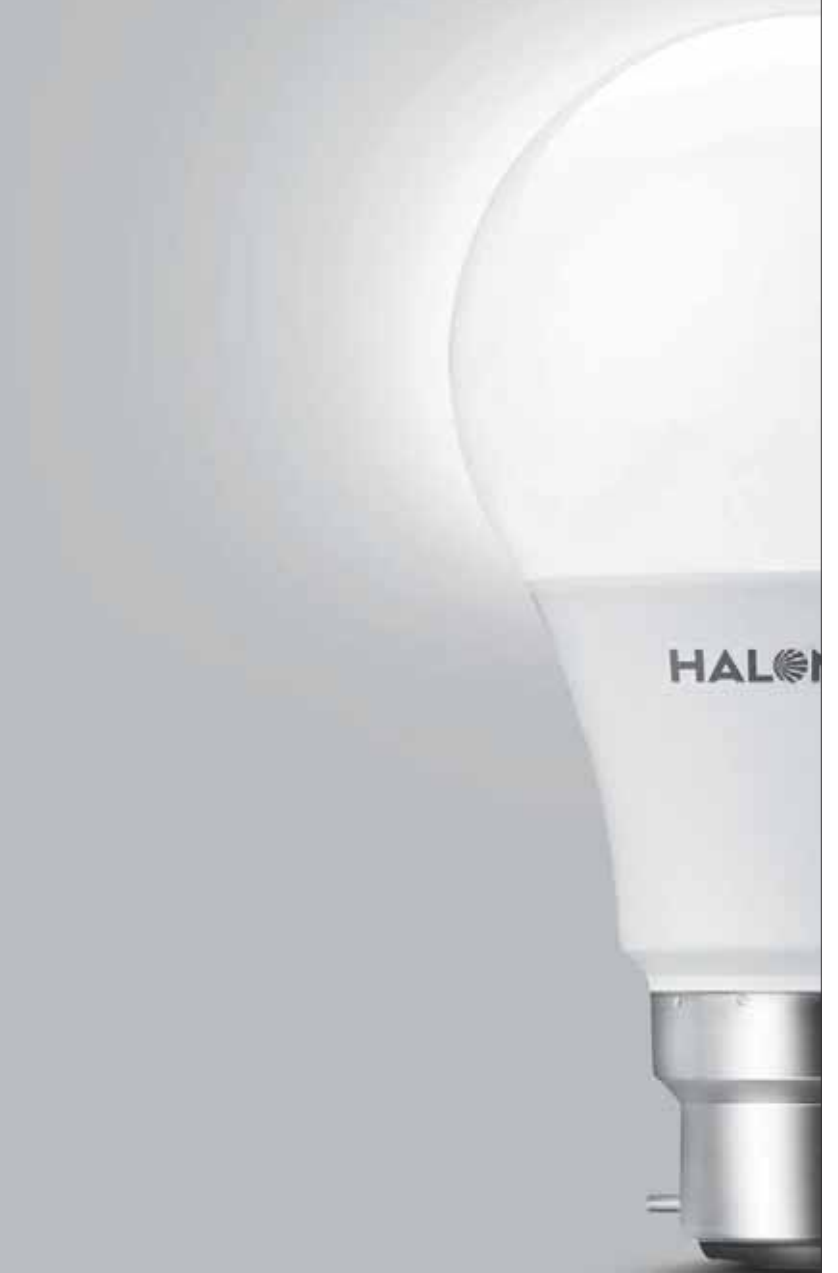
LED FLOOD LIGHTS



Pg **81**

LED LAMPS

ASTRON | ASTRON-I | ASTRON-II



ASTRON LED BULB

Retrofit omnidirectional high quality LED bulb designed with long lasting LED source offers 85% energy saving compared with an incandescent lamp.

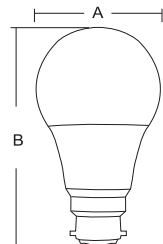
Base
B22d and E27

Housing
Thermal conductive engineering plastic white color housing with acrylic cover

Degree of protection
IP20

Surge voltage protection
Up to 2KV

Dimension diagram



TECHNICAL DETAILS							
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						A	B
LED BULB-ASTRON 3W CW	3W	6500K	>70	220-240VAC, 50Hz	>0.9	45	80
LED BULB-ASTRON 5W CW	5W	6500K	>70	220-240VAC, 50Hz	>0.9	45	80
LED BULB-ASTRON 7W CW	7W	6500K	>70	220-240VAC, 50Hz	>0.9	60	100
LED BULB-ASTRON 9W CW	9W	6500K	>70	220-240VAC, 50Hz	>0.9	65	115
LED BULB-ASTRON 12W CW	12W	6500K	>70	220-240VAC, 50Hz	>0.9	65	125
LED BULB-ASTRON 15W CW	15W	6500K	>70	220-240VAC, 50Hz	>0.9	70	130

*Also available in WW CCT

RECOMMENDED USAGE



HOME



DECORATIVE
LIGHTS



TABLE LAMPS



WALL LIGHTS



ASTRON-I

LED CANDLE LAMP

Elegantly designed high quality retrofit LED candle lamp best suitable for decorative lighting solution and chandelier lamps available in various colours.

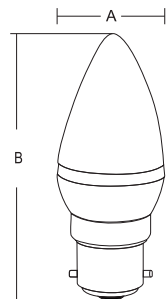
Base
B22d and E27

Housing
Engineering plastic with acrylic cover

Color
White, Yellow, Red, Green, Blue, Orange

Degree of protection
IP20

Dimension diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
					A	B
LED BULB-ASTRON-I	0.5W	>70	220-240VAC, 50Hz	>0.9	30	80

RECOMMENDED USAGE



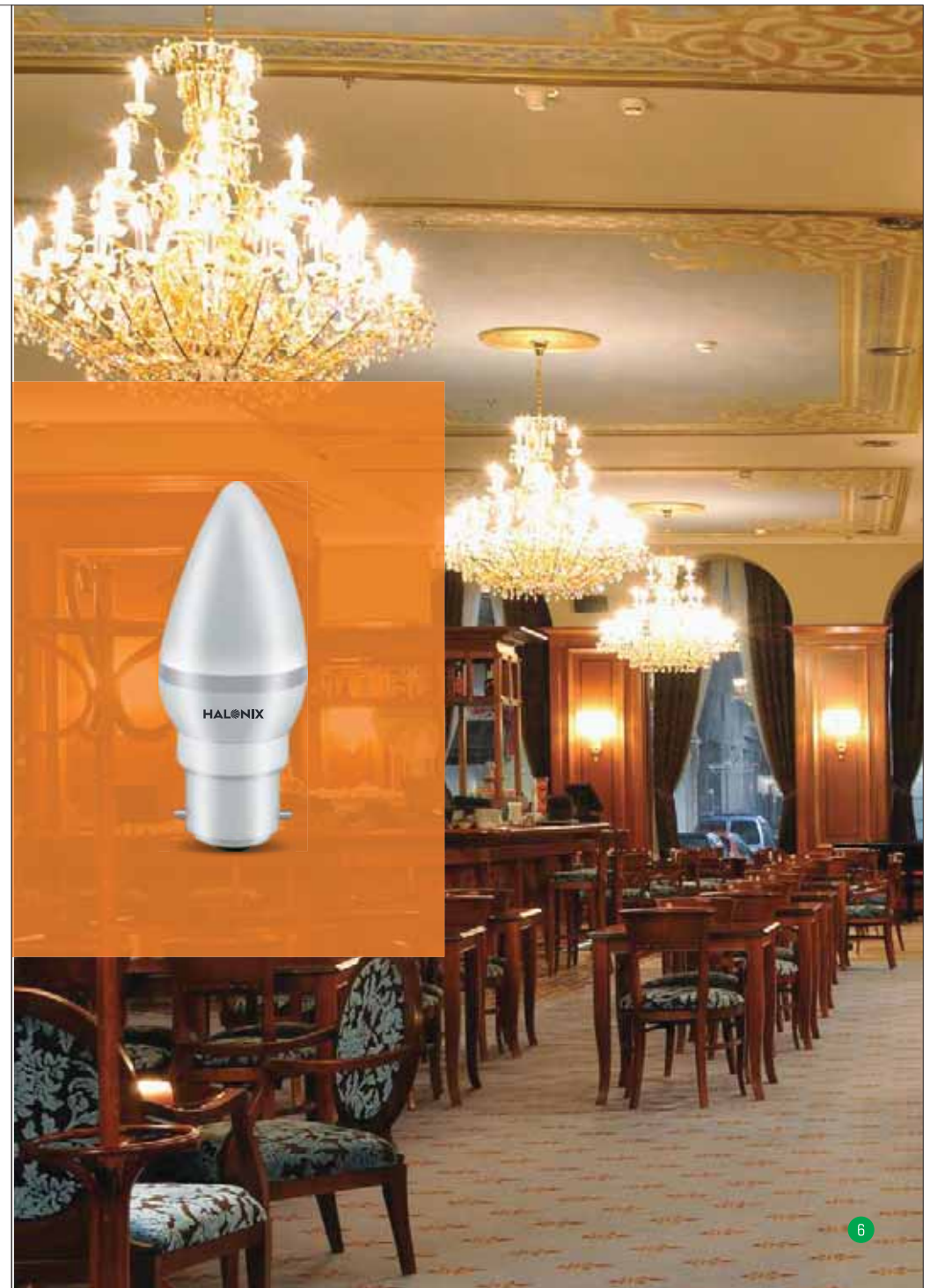
DECORATIVE
LIGHT



CHANDELIER
LIGHT



WALL LIGHTS



ASTRON-II

LED NIGHT BULB

Elegantly designed high quality retrofit full dome colored LED night bulb available in various colours. Perfect usage as night bulbs.

Housing

Engineering plastic with acrylic cover

Base

B22d and E27

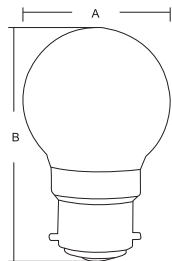
Color

White, Yellow, Red, Green, Blue, Orange

Degree of protection

IP20

Dimension diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
					A	B
LED BULB-ASTRON-II	0.5W	>70	220-240VAC, 50Hz	>0.9	40	70

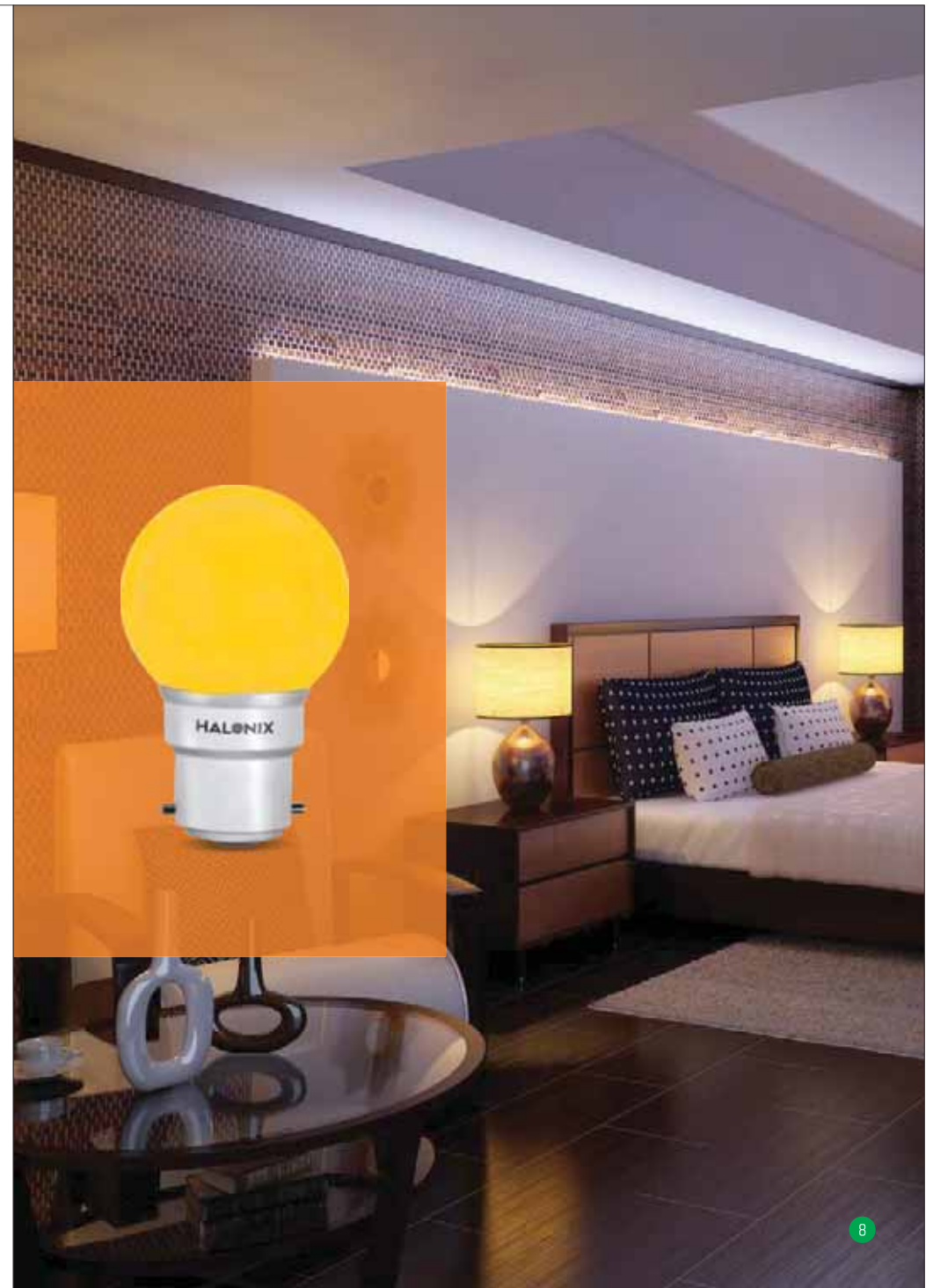
RECOMMENDED USAGE



DECORATIVE
LIGHT



CHANDELIER
LIGHT



LED TUBELIGHTS & BATTENS

ELECTRA | FLARE PLUS | LED BATTEN - ANTIRUST



ELECTRA

LED T8 TUBELIGHT

Retrofit LED T8 tubelight with high efficiency driver designed with milky/clear diffuser or full glass/PC cover for even light distribution offers comfortable working environment in commercial and industrial applications. It is a perfect replacement of conventional fluorescent T8 tubelight with longer life and energy saving.

Housing

Anodised extruded aluminium housing with PMMA cover or full glass/PC cover with plastic end caps

Accessories

Constant current driver suitable for 140-280VAC working range

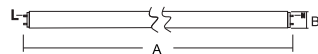
Mounting

Suitable for Recess/Surface/Pendant/Wall mounted luminaires

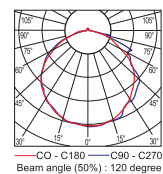
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						A	B
HLTLC-01-18-CW	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26
HLTLD-01-18-CW	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26
HLTLD-01-20-CW	20W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26
HLTLD-01-22-CW	20W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26

GLASS/PC

HLTLD-NI03-18-CW-Glass	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26
HLTLD-NI03-18-CW-PC	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1200	26

* Also available in NW & WW CCT

RECOMMENDED USAGE



INDUSTRIAL
AREAS



WAREHOUSE



HOSPITAL



HOSPITALITY



RETAIL



OFFICE



FLARE PLUS

LED T5 BATTEN

Indoor decorative LED batten with inbuilt LED tube and driver designed with high transmittance optics for even light distribution offers comfortable working environment for general lighting solution.

Housing

Aluminium housing with glare free milky diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

Mounting

Surface/Wall

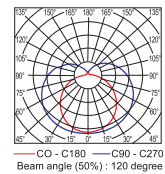
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS							
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						A	B
HLB-03-10-CW	10W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	620	35
HLB-03-18-CW	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1240	35
HLB-03-20-CW	20W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1240	35
HLB-03-22-CW	22W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	1240	35

* Also available in WW CCT

RECOMMENDED USAGE



INDUSTRIAL
AREAS



WAREHOUSE



HOSPITAL



HOSPITALITY



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OFFICE



LED BATTEN-ANTIRUST

Range of corrosion resistant, impact proof polycarbonate housing & opal diffuser suitable for wet locations and dusty areas. It is specially designed for indoor industrial applications to reduce failure rates and reinforce the unit's sturdy properties. It offers high luminous efficacy with uniform light distribution.

Housing

Corrosion resistant and unbreakable polycarbonate housing with weather proof gasket for LEDs enclosed with opal diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

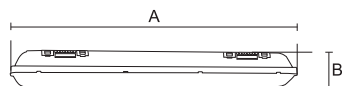
Mounting

Surface/Pendant

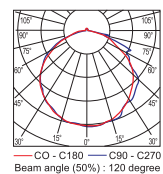
Degree of protection

IP65

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLB-04-20-CW	20W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	580	85	65
HLB-04-40-CW	40W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	1180	85	65

* Also available in WW CCT

RECOMMENDED USAGE



INDUSTRIAL
AREAS



PHARMACEUTICAL
PLANTS



RETAIL



MANUFACTURING
UNITS



LED DOWN LIGHTERS

MINI | MOD | COOL | BACK LIT



MINI

LED DOWN LIGHTER

MINI circular and square down lighters are the range of compact and elegantly designed down lighters with advance technology which offers 70% low power consumption and are resistant to shock and vibration. They are replacement of standard halogen MR16 spot lights.

Housing

Aluminium housing with white and satin finish

Accessories

Constant current driver suitable for 140-280VAC working range

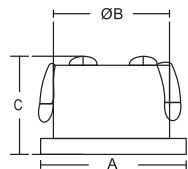
Mounting

Recess

Degree of protection

IP20

Dimension diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	ØB	C
HLDLR-R05-01-CW	1W	6500K	>70	220-240VAC, 50Hz	>0.9	30	25	20
HLDLR-R05-03-CW	3W	6500K	>70	220-240VAC, 50Hz	>0.9	45	40	30
HLDLR-S05-01-CW	1W	6500K	>70	220-240VAC, 50Hz	>0.9	30	25	20
HLDLR-S05-03-CW	3W	6500K	>70	220-240VAC, 50Hz	>0.9	45	40	30

*Also available in WW CCT

RECOMMENDED USAGE



HOME



EXHIBITION
HALL



HOSPITALITY



RETAIL



FURNITURE
CABINATES



MOD-ROUND

LED RECESS DOWN LIGHTER

Range of ultra slim circular LED down lighter designed for general lighting solution with edge lit technology for glare free and uniform distribution of light. This luminaire is specially designed with high transmittance light guide profile to create soft light output and comfortable ambience for indoor lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with glare free diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

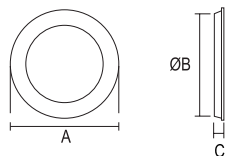
Mounting

Recess

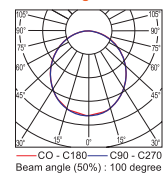
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	ØB	C
HLDLR-R06-06-CW	6W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	120	100	15
HLDLR-R06-12-CW	12W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	170	150	15
HLDLR-R06-18-CW	18W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	225	200	15

*Also available in NW & WW CCT

RECOMMENDED USAGE



HOME



OFFICE



HOSPITALITY



RETAIL



HOSPITAL



BANK



MOD-ROUND

LED SURFACE DOWN LIGHTER

Range of ultra slim circular LED down lighter designed for general lighting solution with edge lit technology for glare free and uniform distribution of light. This luminaire is specially designed with high transmittance light guide profile to create soft light output and comfortable ambience for indoor lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with glare free diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

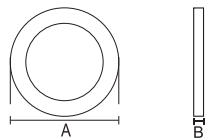
Mounting

Surface

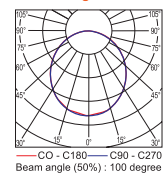
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						A	B
HLDLS-R06-06-CW	6W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	120	30
HLDLS-R06-12-CW	12W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	170	30
HLDLS-R06-18-CW	18W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	225	30

*Also available in NW & WW CCT

RECOMMENDED USAGE



HOME



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BANK



MOD-SQUARE

LED RECESS DOWN LIGHTER

Range of ultra slim square LED down lighter designed for general lighting solution with edge lit technology for glare free uniform distribution of light. This luminaire is specially designed with high transmittance light guide profile to create soft light output and comfortable ambience for indoor lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with glare free diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

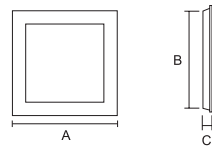
Mounting

Recess

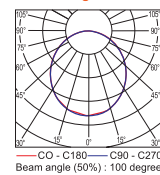
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLDLR-S06-08-CW	8W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	120	100	15
HLDLR-S06-15-CW	15W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	195	170	15
HLDLR-S06-22-CW	22W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	225	200	15

*Also available in NW & WW CCT

RECOMMENDED USAGE



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BANK



MOD-SQUARE

LED SURFACE DOWN LIGHTER

Range of ultra slim square LED down lighter designed for general lighting solution with edge lit technology for glare free and uniform distribution of light. This luminaire is specially designed with high transmittance light guide profile to create soft light output and comfortable ambience for indoor lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with glare free diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

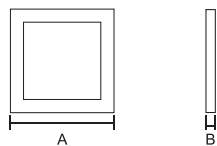
Mounting

Surface

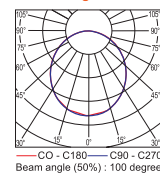
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						A	B
HLDLS-S06-08-CW	8W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	120	30
HLDLS-S06-15-CW	15W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	195	30
HLDLS-S06-22-CW	22W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	225	30

*Also available in NW & WW CCT

RECOMMENDED USAGE



HOME



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HOSPITAL



BANK



COOL

LED DOWN LIGHTER

Aesthetically designed LED down lighter for general lighting solution with aluminium fins technology heat sink which offers high quality of bright light with reduced energy cost and longer life. It is designed with optimized heat dissipation to deliver a long lasting efficient solution.

Housing

Injection moulded engineering plastic housing with acrylic diffuser and aluminium heat sink

Accessories

Constant current driver suitable for 140-280VAC working range

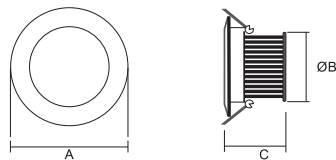
Mounting

Recess

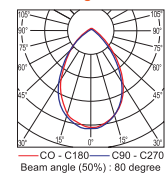
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	ØB	C
HLDLR-02-05-CW	5W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	90	65	50
HLDLR-02-09-CW	9W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	100	75	65
HLDLR-02-15-CW	15W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	145	120	80
HLDLR-02-18-CW	18W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	195	165	105
HLDLR-02-30-CW	30W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	240	200	105

*Also available in NW & WW CCT

RECOMMENDED USAGE



HOME



OFFICE



HOSPITALITY



RETAIL



HOSPITAL



BANK



BACK-LIT

LED DOWN LIGHTER

Aesthetically designed LED down lighter with high efficiency offers uniform glare free light output with reduced energy cost and longer life. It is designed with back lit technology and with optimized aluminium heat sink to deliver a long lasting efficient solution.

Housing

Aluminium die cast housing with white finish

Accessories

Constant current driver suitable for 140-280VAC working range

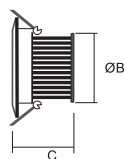
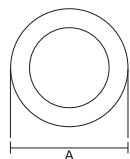
Mounting

Recess

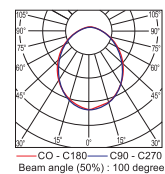
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	ØB	C
HLDLR-14-15-CW	15W	5700-6500K	>70	220-240VAC, 50Hz	>0.95	195	175	65
HLDLR-14-30-CW	30W	5700-6500K	>70	220-240VAC, 50Hz	>0.95	225	200	65

*Also available in WW CCT

RECOMMENDED USAGE



HOME



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HOSPITALITY



RETAIL



HOSPITAL

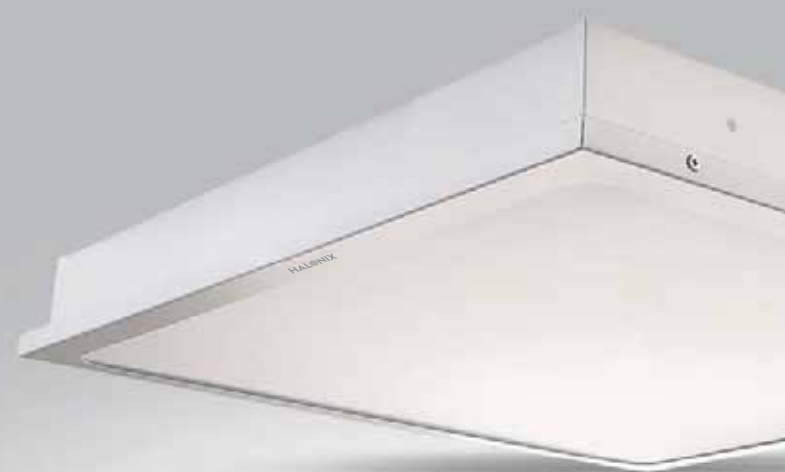


BANK



LED FLAT PANELS RADIANCE

OPAL | ULTRASLIM



OPAL

LED FLAT PANEL 2'X2'

Highly energy efficient 2'X2' LED flat panel is specially designed with long lasting LED source with high efficiency optical performance and full opal diffuser that creates comfortable working environment with excellent energy saving and maintenance free operation.

Housing

Epoxy powder coated CRCA MS housing in white finish with PMMA opal diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

Mounting

Recess/Surface

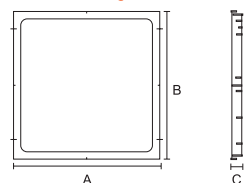
Degree of protection

IP20

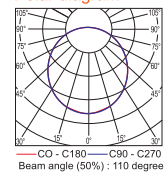


Also available in dimmable option

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
RECESS								
HLFPR22-02-36-CW	36W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70
HLFPR22-02-40-CW	40W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70
HLFPR22-02-48-CW	48W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70
SURFACE								
HLFPS22-02-36-CW	36W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70
HLFPS22-02-40-CW	40W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70
HLFPS22-02-48-CW	48W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	595	595	70

*Also available in WW CCT

RECOMMENDED USAGE



OFFICE



HOSPITALITY



RETAIL



HOSPITAL



BANK



OPAL

LED FLAT PANEL 1'X4'

Highly energy efficient 1'X4' LED flat panel is specially designed with long lasting LED source with high efficiency optical performance and full opal diffuser that creates comfortable working environment with excellent energy saving and maintenance free operation.

Housing

Epoxy powder coated CRCA MS housing in white finish with PMMA opal diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

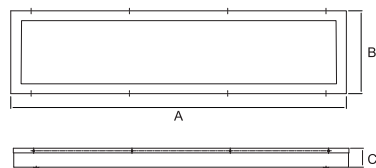
Mounting

Recess/Surface

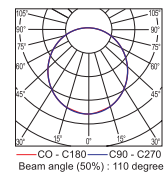
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFPR14-02-36-CW	36W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	1197	297	70
HLFPS14-02-36-CW	36W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	1197	297	70

*Also available in VW CCT

RECOMMENDED USAGE



OFFICE



HOSPITALITY



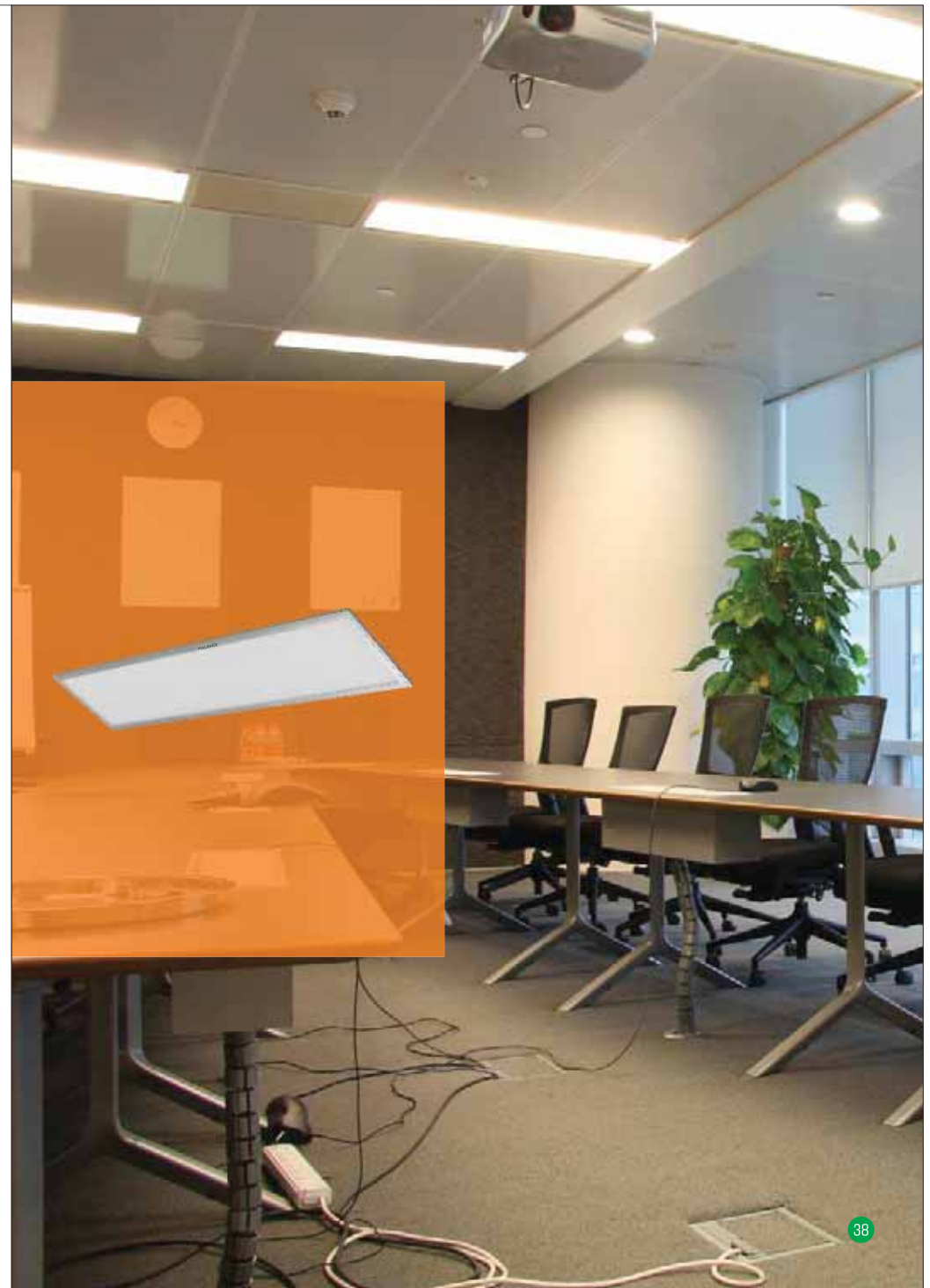
RETAIL



HOSPITAL



BANK



ULTRASLIM

LED FLAT PANEL 2'X2'

Aesthetically designed 2'X2' LED based ultra slim flat panel with edge lit technology for general lighting solution which offers soft and glare free light output. This luminaire is specially designed with high transmittance light guide profile to create comfortable working environment.

Housing

Extruded anodized aluminium housing acrylic diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

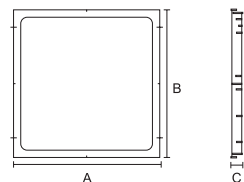
Mounting

Recess/Pendant

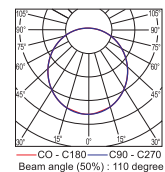
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFPU22-02-36-CW	36W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	598	598	10

*Also available in WW CCT

RECOMMENDED USAGE



OFFICE



HOSPITALITY



RETAIL



HOSPITAL



BANK



ULTRASLIM

LED FLAT PANEL 1'X1'

Aesthetically designed 1'X1' LED flat panel with back lit technology for general lighting solution which offers soft and glare free light output. This luminaire is specially designed with high transmittance light guide profile to create comfortable working environment.

Housing

Extruded anodized aluminium housing acrylic diffuser

Accessories

Constant current driver suitable for 140-280VAC working range

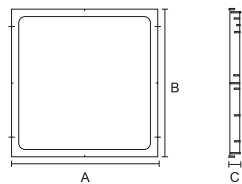
Mounting

Recess

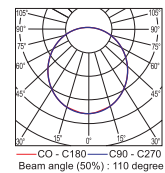
Degree of protection

IP20

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFPU22-02-18-CW	18W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	297	297	10
HLFPU22-02-24-CW	24W	5700-6500K	>70	220-240VAC, 50Hz	>0.9	297	297	10

*Also available in WW CCT

RECOMMENDED USAGE



OFFICE



HOSPITALITY



RETAIL



HOSPITAL



BANK



LED BAY LIGHTS



LED BAY LIGHT

RECTANGLE-WITHOUT LENS

Innovative flat designed LED bay light without lens luminaire complies with separate control gear compartment for better heat management for LED chips that offers stable and consistent performance over lifetime.

Housing

Epoxy graphite grey powder coated pressure die cast aluminium housing with weather proof gasket for LEDs and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 100-280VAC working range

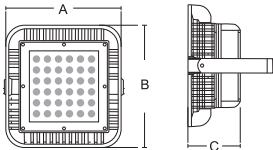
Mounting

Pendant

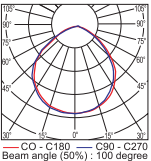
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLBL-ML01-60-CW	50W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-80-CW	80W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-100-CW	100W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-120-CW	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-150-CW	150W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-200-CW	200W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145
HLBL-ML01-250-CW	250W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145
HLBL-ML01-300-CW	300W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145

RECOMMENDED USAGE



INDUSTRIAL
AREAS



MANUFACTURING
UNITS



RETAIL



WAREHOUSE

LED BAY LIGHT

RECTANGLE-WITH LENS

Innovative flat designed LED bay light with lens luminaire complies with separate control gear compartment for better heat management for LED chips that offers stable and consistent performance over lifetime.

Housing

Epoxy graphite grey powder coated pressure die cast aluminium housing with weather proof gasket for LEDs and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 100-280V AC working range

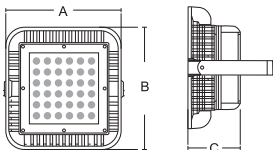
Mounting

Pendant

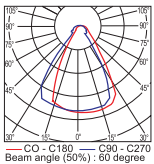
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLBL-ML01-60-CWL	50W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-80-CWL	80W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-100-CWL	100W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-120-CWL	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-150-CWL	150W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	340	325	145
HLBL-ML01-200-CWL	200W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145
HLBL-ML01-250-CWL	250W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145
HLBL-ML01-300-CWL	300W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	445	420	145

RECOMMENDED USAGE



INDUSTRIAL
AREAS



MANUFACTURING
UNITS



RETAIL



WAREHOUSE



MODULAR LED BAY LIGHT

WITH LENS

Modular concept is combination of pieces designed to give solution as per the customer requirement in easier and faster way. A module of LED 30W is designed which can be then combined with n modules to result into a required product design. It is specially designed for offering high efficiency with good heat dissipation. It offers high light output with good uniformity.

Housing

Epoxy powder coated pressure die cast aluminium housing with polycarbonate lens enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 100-280V AC working range

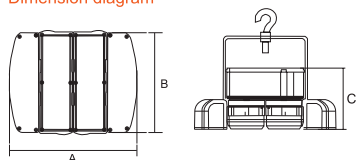
Mounting

Pendant

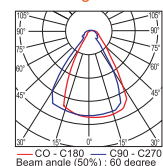
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLMBLD-10-60-CWL	60W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	305	240	130
HLMBLD-10-90-CWL	90W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	385	240	130
HLMBLD-10-120-CWL	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	465	240	130
HLMBLD-10-150-CWL	150W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	545	240	130

RECOMMENDED USAGE



INDUSTRIAL
AREAS



MANUFACTURING
UNITS



RETAIL



WAREHOUSE



LED WELL GLASS

Elegantly designed well glass luminaire ideal solution for dusty environment and offers stable and consistent performance over lifetime. It provides good visual appearance with glare free uniform light.

Housing

Pressure die cast aluminium housing for effective thermal management with high quality polycarbonate milky/clear diffuser

Accessories

Constant current driver suitable for 100-280V AC working range

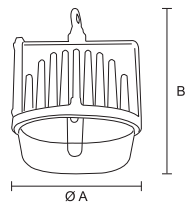
Mounting

Pendant

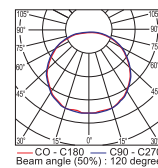
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)	
						ØA	B
HLWL-02-40-CW	40W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.90	175	275
HLWL-02-70-CW	70W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.90	175	275

RECOMMENDED USAGE



INDUSTRIAL AREAS



POWER PLANTS



WAREHOUSE



MINES



LED BULK HEAD

Range of capsule shape bulkhead with polycarbonate diffuser offers proper visibility and it is ideal solution for numerous indoor and outdoor applications.

Housing

Pressure die cast aluminium housing enclosed with high strength polycarbonate opal diffuser

Accessories

Constant current driver suitable for 100-280V AC working range

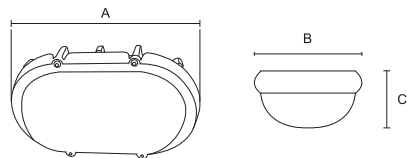
Mounting

Surface/Wall

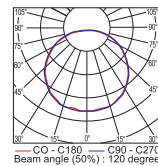
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLBH-02-10-CW	10W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.90	170	105	75
HLBH-02-15-CW	15W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.90	170	105	75

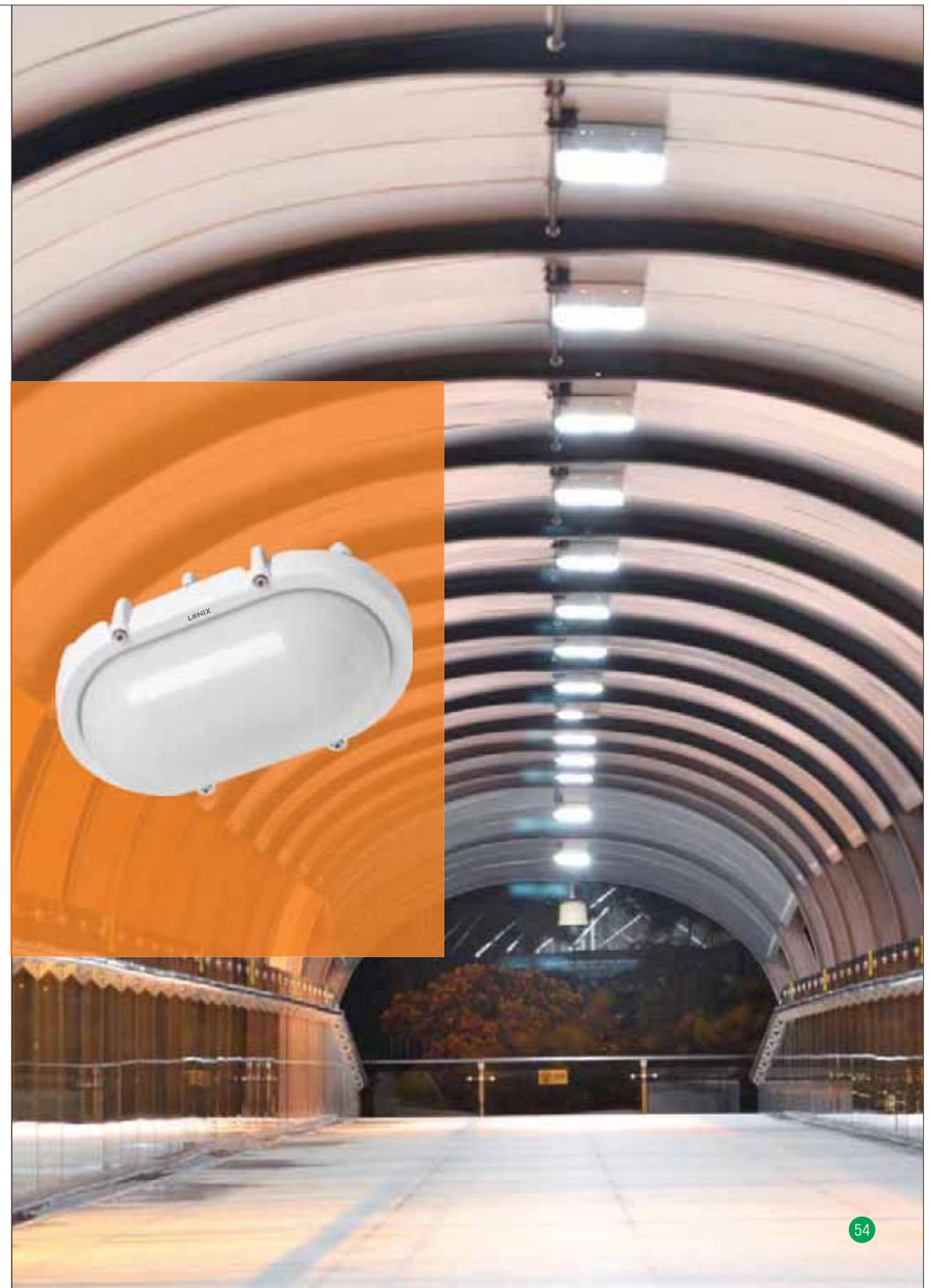
RECOMMENDED USAGE



INDUSTRIAL
AREAS



COMPOUND
WALL



LED CANOPY LIGHT



LED CANOPY LIGHT

Elegantly designed LED canopy light is versatile lighting solution addresses different lighting requirements under canopies for truss mounting and also in industrial spaces.

Housing

Epoxy powder coated pressure die cast aluminium housing with weather proof gasket for LEDs and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 100-280V AC working range

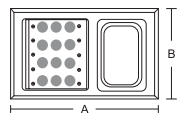
Mounting

Recess

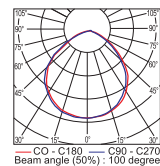
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLPL-01-40-CW	40W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	330	300	80
HLPL-01-70-CW	70W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.95	330	300	80

RECOMMENDED USAGE



UNDER CANOPY



PUBLIC HALLS



PETROL PUMPS



LED STREET LIGHTS

LUMOS MINI | LUMOS PLUS | LUMOS SUPER | SOLARAN | LED POST TOP LANTERN



LUMOS-MINI

LED STREET LIGHT

Elegantly designed highly efficient mid power LED street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminum reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

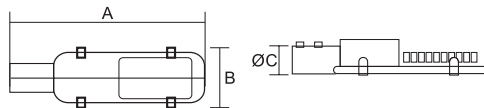
Mounting

Pole - side mounting suitable up to 40mm OD pipe

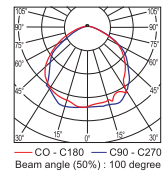
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-07-12-CW	12W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	350	110	40
HLSLD-07-15-CW	15W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	350	110	40
HLSLD-07-18-CW	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	350	110	40
HLSLD-07-25-CW	25W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	395	155	40
HLSLD-07-30-CW	30W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	395	155	40

RECOMMENDED USAGE



STREETS



PARKING



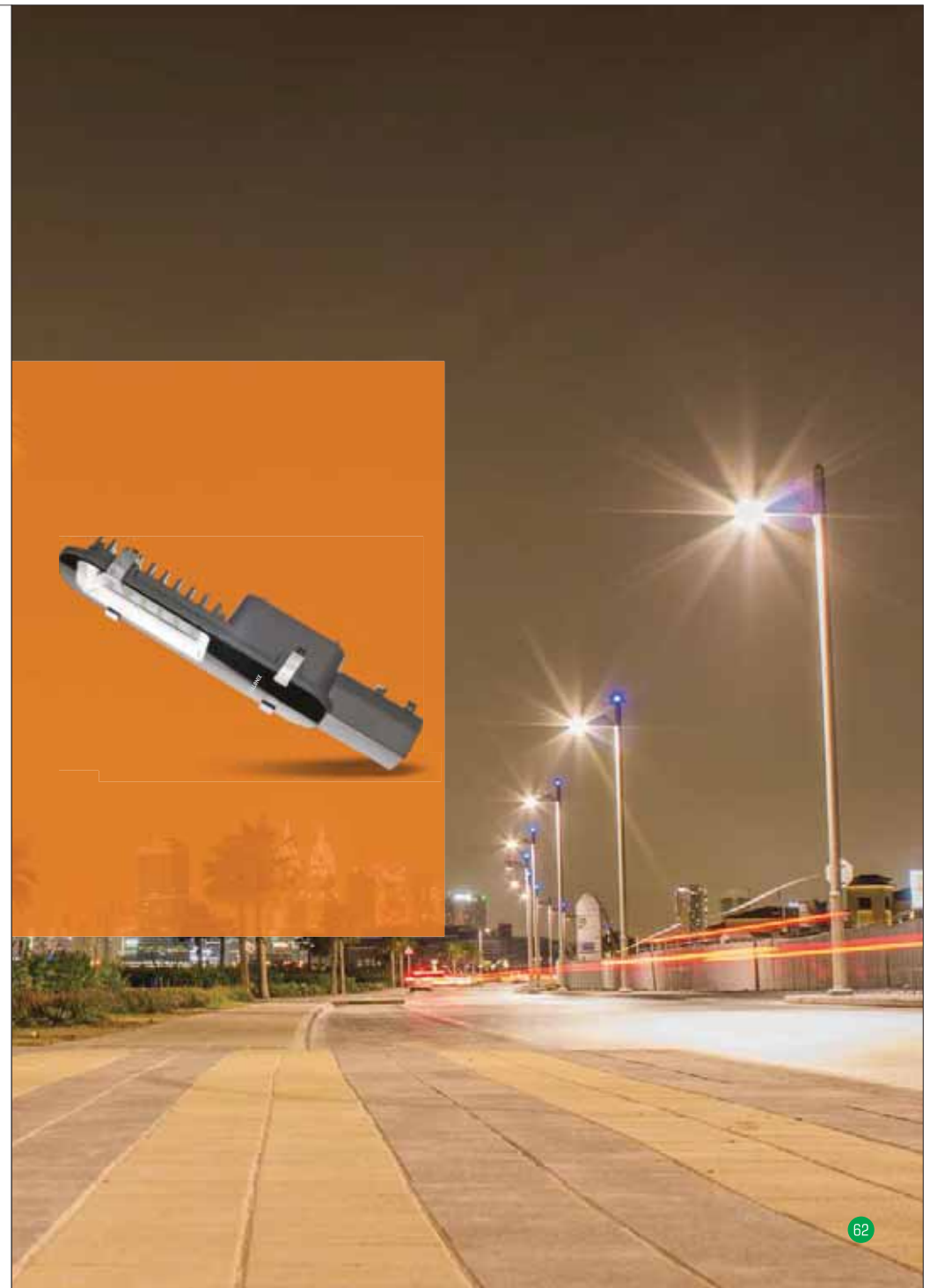
PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



LUMOS-MINI ELEGANT

LED STREET LIGHT

New range of compact size mid power LED street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminum reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

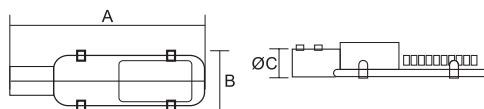
Mounting

Pole - side mounting suitable up to 40mm OD pipe

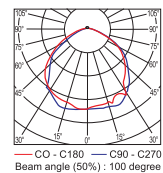
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-07-12-CW-E	12W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-07-15-CW-E	15W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-07-18-CW-E	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-07-25-CW-E	25W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-07-30-CW-E	30W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40

RECOMMENDED USAGE



STREETS



PARKING



PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



LUMOS-PLUS

LED STREET LIGHT

Elegantly designed highly efficient mid power LED street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor.

Accessories

Constant current driver suitable for 140-280VAC working range

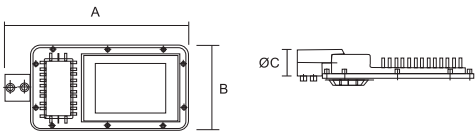
Mounting

Pole - side mounting suitable up to 50mm OD pipe

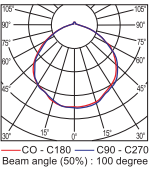
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-07-36-CW	36W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-07-45-CW	45W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-07-60-CW	60W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-07-72-CW	72W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50

RECOMMENDED USAGE

- STREETS

PARKING

PLAY
GROUNDS

INDUSTRIAL
AREAS

SERVICE
LANE



LUMOS-PLUS ELEGANT

LED STREET LIGHT

New range of compact size mid power LED street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor.

Accessories

Constant current driver suitable for 140-280VAC working range

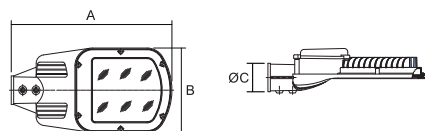
Mounting

Pole - side mounting suitable up to 60mm OD pipe

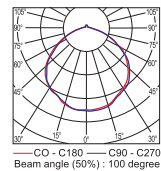
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-07-36-CW-E	36W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-07-45-CW-E	45W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-07-60-CW-E	60W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-07-72-CW-E	72W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60

RECOMMENDED USAGE



STREETS



PARKING



PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



LUMOS-SUPER

LED STREET LIGHT

Elegantly designed highly efficient high power LED without lens street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

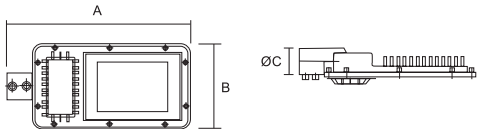
Mounting

Pole - side mounting suitable upto 40mm OD pipe for 25W to 30W, 50mm OD pipe for 36W to 120W and 60mm OD pipe for 160W

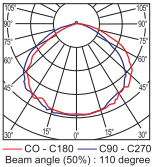
Degree of protection

IP66

Dimension diagram

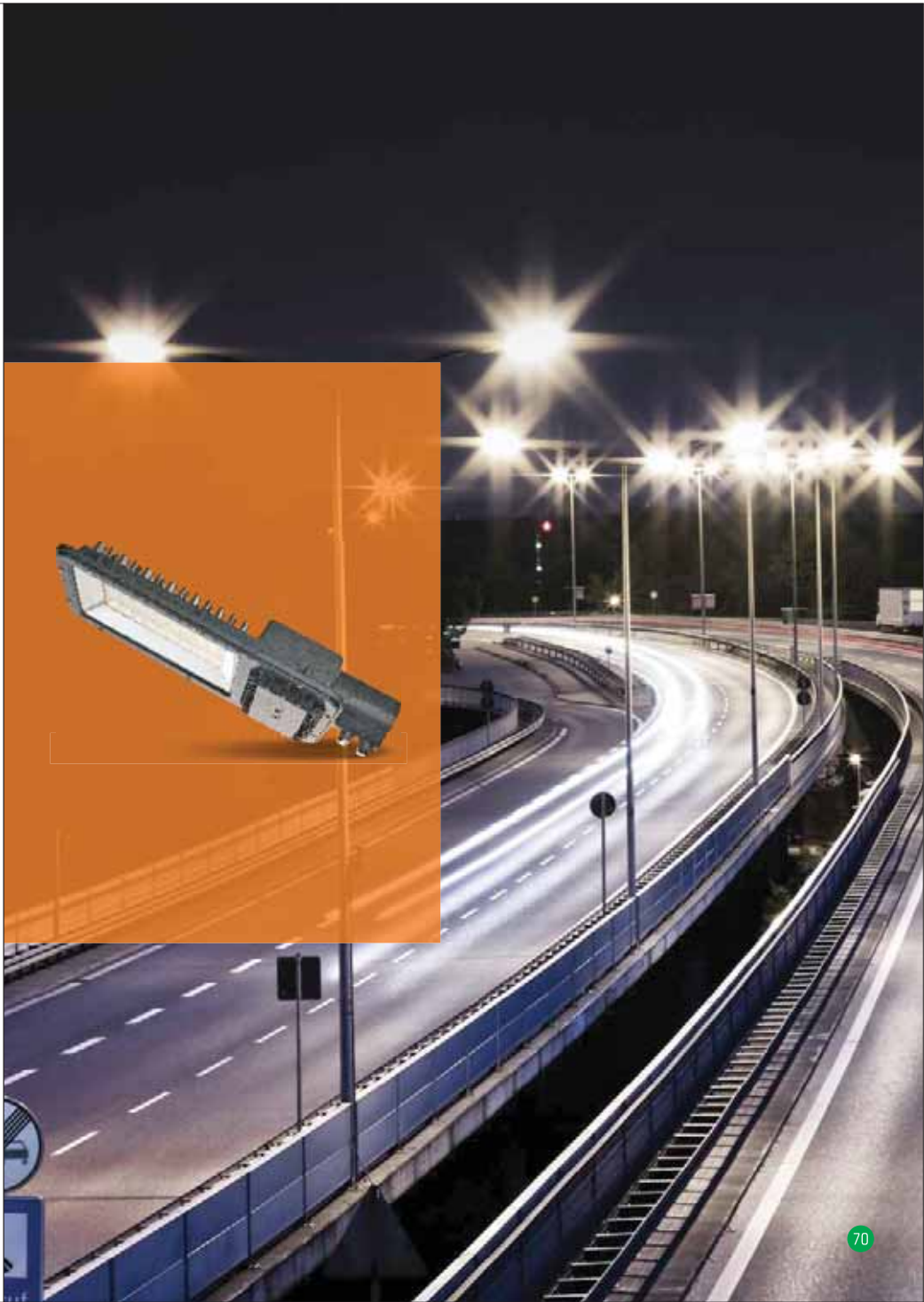


Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-09-25-CW	25W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	395	155	40
HLSLD-09-30-CW	30W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	395	155	40
HLSLD-09-36-CW	36W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-09-45-CW	45W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-09-60-CW	60W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-09-72-CW	72W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	435	205	50
HLSLD-09-90-CW	90W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	505	250	50
HLSLD-09-120-CW	120W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	505	250	50
HLSLD-09-160-CW	160W	5700 - 6500K	>70	220-240VAC,50Hz	>0.9	590	290	60

RECOMMENDED USAGE



LUMOS-SUPER ELEGANT

LED STREET LIGHT

New range of compact size high power LED without lens street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

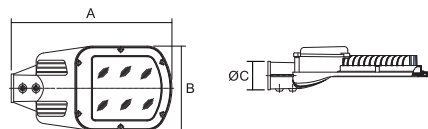
Mounting

Pole - side mounting suitable upto 40mm OD pipe for 18W to 30W and 60mm OD pipe for 36W to 160W.

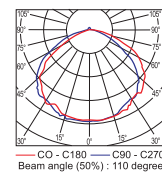
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-09-18-CW-E	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-25-CW-E	25W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-30-CW-E	30W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-36-CW-E	36W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-45-CW-E	45W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-60-CW-E	60W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-72-CW-E	72W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-90-CW-E	90W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60
HLSLD-09-120-CW-E	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60
HLSLD-09-160-CW-E	160W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60

RECOMMENDED USAGE



STREETS



MAIN ROADS



PARKING



PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



LUMOS-SUPER

LED STREET LIGHT- WITH LENS

Elegantly designed highly efficient high power LED with lens street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

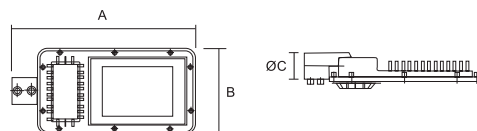
Mounting

Pole - side mounting suitable upto 40mm OD pipe for 25W to 30W, 50mm OD pipe for 36W to 120W and 60mm OD pipe for 160W

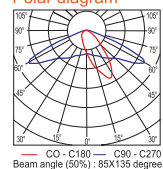
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-09-25-CW	25W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	395	155	40
HLSLD-09-30-CW	30W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	395	155	40
HLSLD-09-36-CW	36W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	435	205	50
HLSLD-09-45-CW	45W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	435	205	50
HLSLD-09-60-CW	60W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	435	205	50
HLSLD-09-72-CW	72W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	435	205	50
HLSLD-09-90-CW	90W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	505	250	50
HLSLD-09-120-CW	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	505	250	50
HLSLD-09-160-CW	160W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	590	290	60

*Beam angle can be customized as per client specific requirement.

RECOMMENDED USAGE



STREETS



MAIN ROADS



PARKING



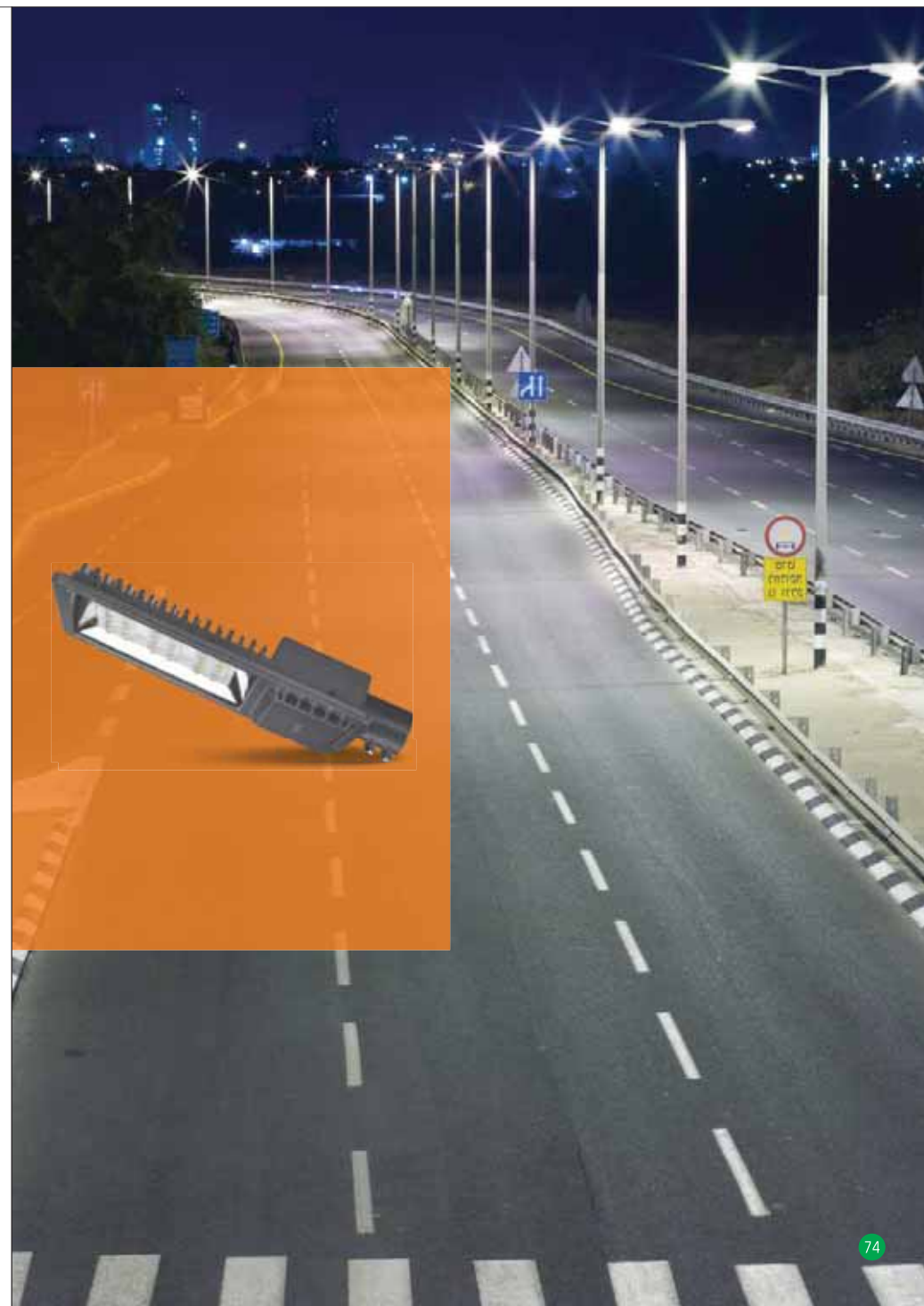
PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



LUMOS-SUPER ELEGANT

LED STREET LIGHT- WITH LENS

New range of compact size high power LED with lens street light offers excellent thermal management and uniform distribution of light.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor

Accessories

Constant current driver suitable for 140-280VAC working range

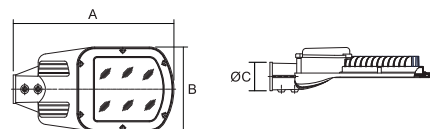
Mounting

Pole - side mounting suitable upto 40mm OD pipe for 18W to 25W, 50mm OD pipe for 30W to 160W

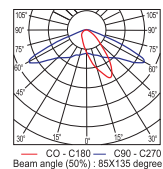
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLSLD-09-18-CW-E	18W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-25-CW-E	25W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-30-CW-E	30W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	320	100	40
HLSLD-09-36-CW-E	36W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-45-CW-E	45W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-60-CW-E	60W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-72-CW-E	72W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	360	180	60
HLSLD-09-90-CW-E	90W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60
HLSLD-09-120-CW-E	120W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60
HLSLD-09-160-CW-E	160W	5700 - 6500K	>70	220-240VAC, 50Hz	>0.9	560	260	60

*Beam angle can be customized as per client specific requirement.

RECOMMENDED USAGE



STREETS



MAIN ROADS



PARKING



PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANE



SOLARAN

LED SOLAR STREET LIGHT SYSTEM

The sun is an exhaustive, reliable, ecofriendly, never ending source of power of natural light. Concerning the global crises of power, global warming and scarcity of resources use of photovoltaic (PV) is an attractive source of energy supply. Solar street light is an ideal solution for lighting the area in remote location where the electricity is unavailable or erratic. Solar street light is also best suitable for urban areas, to reduce dependency on conventional power and contributes towards greener energy. Solar street light with LED technology is more reliable and energy efficient instead of CFL. Use of solar energy is highly reliable, energy efficient, green energy and long life makes this solution effective to overcome crisis of energy demands in future.

Key components

LED Luminaire: Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass front visor ensuring effective heat dissipation with high brightness and high efficacy LEDs

PV Panel: Multicrystalline solar cells with improved efficiency

Battery: LMLA tubular low discharge, long life battery

Pole: Galvanized pole with adequate sheet thickness hence corrosion free

Charge controller & LED driver: Dusk to dawn charge controller with over voltage, deep discharge and reverse battery protection along with constant current driver

Degree of protection
IP66

TECHNICAL DETAILS					
Cat Ref. Nos.	System Wattage	CCT	CRI	Photovoltaic(PV)	Battery
HLSSLD-1P02-12-CW 2DA	12W	5700-6500K	>70	50Wp	40AH
HLSSLD-1P02-12-CW 3DA	12W	5700-6500K	>70	60Wp	60AH
HLSSLD-1P02-15-CW 3DA	15W	5700-6500K	>70	75Wp	75AH
HLSSLD-2P02-2X12-CW 2DA	2x12W	5700-6500K	>70	2X50Wp	2X40AH
HLSSLD-1P02-24-CW 2DA	24W	5700-6500K	>70	100Wp	75AH
HLSSLD-1P02-30-CW 2DA	30W	5700-6500K	>70	120Wp	100AH
HLSSLD-1P02-4x30-CW 2DA	4x30W	5700-6500K	>70	4X120Wp	4X100AH

*Solar system can be customized as per client specific requirement.

RECOMMENDED USAGE



STREETS



PARKING



PLAY
GROUNDS



INDUSTRIAL
AREAS



SERVICE
LANES



LED POST TOP LANTERN

Decorative LED post top lantern is functional and economical luminaire designed with glare free clear acrylic diffuser which allows the achievement of high luminous performance and an attractive visual comfort with good downward symmetrical light distribution.

Housing

Epoxy powder coated pressure die cast aluminium spigot and lid cover with graphite grey finish and clear acrylic cover

Accessories

Constant current driver suitable for 100-280V AC working range

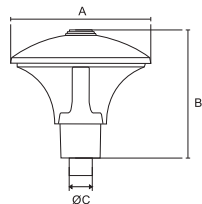
Mounting

Pole - side mounting suitable upto 60mm OD pipe

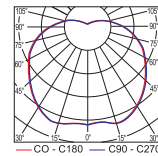
Degree of protection

IP65

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	ØC
HLPT-01-30-CW	30W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	395	410	60
HLPT-01-40-CW	40W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	395	410	60
HLPT-01-45-CW	45W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	395	410	60

RECOMMENDED USAGE



PATHWAY



PARKING



GARDEN



TOWNSHIP



LED FLOOD LIGHTS



MULTI-LED FLOOD LIGHT

WITHOUT LENS

A range of highly reliable energy efficient multi mid power LED without lens flood light designed with optimized optical performance and good heat dissipation with uniform distribution and high lighting efficiency suitable for facade lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass.

Accessories

Constant current driver suitable for 140-280 VAC working range

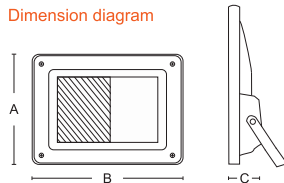
Mounting

Bracket

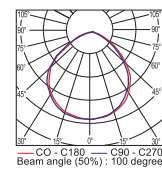
Degree of protection

IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS

Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFL-ML05-30-CW	30W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	190	155	55
HLFL-ML05-36-CW	36W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	190	155	55
HLFL-ML05-60-CW	60W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	230	190	120
HLFL-ML05-90-CW	90W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	290	235	155
HLFL-ML05-100-CW	100W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	290	235	155
HLFL-ML05-120-CW	120W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	290	235	155

RECOMMENDED USAGE



FACADE LIGHTING



AREA LIGHTING



PARKING



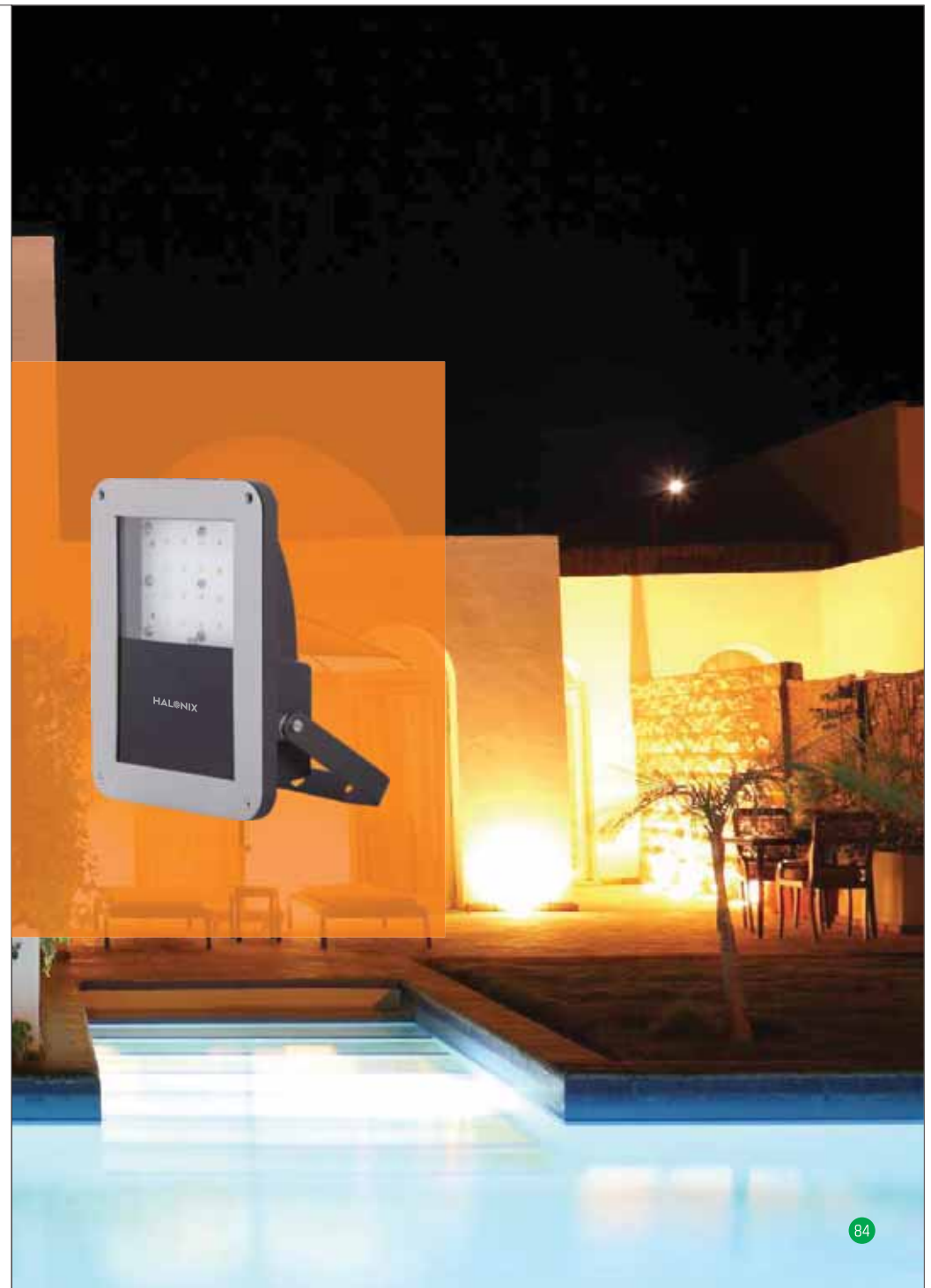
PLAY GROUNDS



WARE HOUSE



TOWNSHIP



MULTI-LED FLOOD LIGHT

WITHOUT LENS

A range of highly reliable energy efficient multi high power LED without lens flood light designed with optimized optical performance and good heat dissipation with uniform distribution and high lighting efficiency suitable for facade lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass.

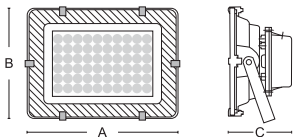
Accessories

Constant current driver suitable for 140-280 VAC working range

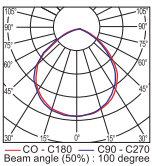
**Mounting
Bracket**

**Degree of protection
IP66**

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFLD-ML01-100-CW	100W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	290	235	155
HLFLD-ML01-150-CW	150W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	340	250	150
HLFLD-ML01-200-CW	200W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	420	330	150
HLFLD-ML01-250-CW	250W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	420	330	150
HLFLD-ML01-300-CW	300W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	445	420	145

RECOMMENDED USAGE



FAÇADE LIGHTING



AREA LIGHTING



PARKING



PLAY GROUND



WARE HOUSE



TOWNSHIP

MULTI-LED FLOOD LIGHT WITH LENS

A range of highly reliable energy efficient multi high power LED with lens flood light designed with optimized optical performance and good heat dissipation with uniform distribution and high lighting efficiency suitable for facade lighting.

Housing

Epoxy powder coated pressure die casted aluminium housing with bright anodised aluminium reflector and enclosed with heat resistant and toughened glass.

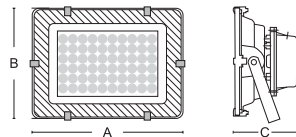
Accessories

Constant current driver suitable for 140-280 VAC working range

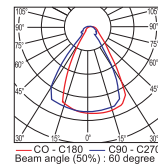
Mounting Bracket

Degree of protection
IP66

Dimension diagram



Polar diagram



TECHNICAL DETAILS								
Cat Ref. Nos.	System Wattage	CCT	CRI	Rated Voltage	Power Factor	Dimensions(mm)		
						A	B	C
HLFLD-ML01-100-CWL	100W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	290	235	155
HLFLD-ML01-150-CWL	150W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	340	250	150
HLFLD-ML01-200-CWL	200W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	420	330	150
HLFLD-ML01-250-CWL	250W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	420	330	150
HLFLD-ML01-300-CWL	300W	5700-6500K	>70	220V-240VAC, 50Hz	>0.9	445	420	145

RECOMMENDED USAGE



FAÇADE
LIGHTING



AREA
LIGHTING



PARKING



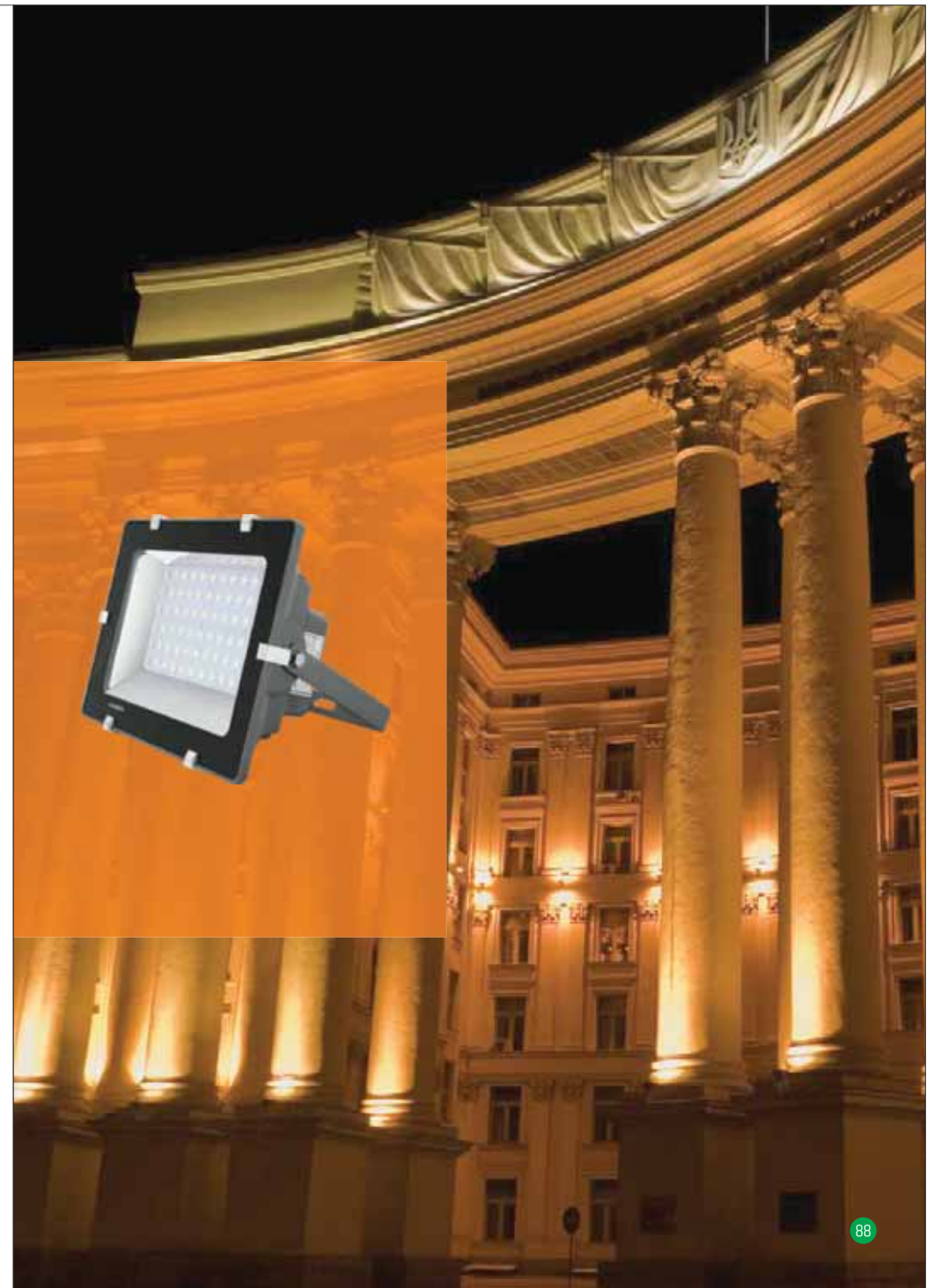
PLAY
GROUNDS



WARE
HOUSE



TOWNSHIP



GLOSSARY

Alternating Current (AC): Electrical current in which the flow of electric charge continually reverses direction.

Ambient Lighting: Lighting that is designed to provide uniform light levels throughout an area.

Beam Angle: Size of the cone of light produced by lighting source measured in degrees.

CCT (Color correlated temperature): The absolute temperature of a blackbody whose chromaticity most nearly resembles that of the light source. Usually specified in Kelvin (K). The lower the Kelvin temperature, the warmer the light feels, or appears. CW: 5500-7000K; NW: 4000-5500K; WW: 2700-3200K

CRCA: Cold rolled cold annealed

CRI: Color rendering international system to rate lighting device ability to render object colors. CRI range (0-100) Natural outdoor light has a CRI of 100.

Diffuser: Optical element used to mix light ray to improve uniformity of light.

Direct Current (DC): Electrical current in which the flow of electric charge moves in one direction only.

Efficacy: The light output of a light source divided by the total electrical power input to that source, expressed in lumens per watt (lm/W).

Goniophotometer: A photometric device for testing the luminous intensity distribution, efficiency and luminous flux of luminaires.

Glare: Glare is caused by brightness of any objects within the visual field which is brighter than the adaptation level of eye.

Heat Dissipation: This is the transition of thermal energy from a hotter object to a cooler object. In case of LED products heat sinks made from high quality aluminium and other alloys accomplish this.

Illuminance: The intensity of light falling on a surface area. Its unit is lux (lx).

Infrared: Electromagnetic radiation with wavelength range from 700 nm – 3000 nm.

IP: Ingress Protection, Degree of protection against dust and water.

LED: Light emitting diode solid state semiconductor device that converts electrical energy directly into light.

Luminaires: Lighting fixture complete with lamp, housing, power supply and optical components used to direct light.

Luminous Efficacy: Measurement of how effective the light source is converting electrical energy to lumens of visible light. Usually expressed in lumens per watt (lm/W).

Light Intensity: It is the measure of light output in specified direction. Its unit is Candela(cd).

Luminance: Luminance is the measure of the brightness of a surface upon the eye. It is the ratio of luminous intensity to the area.

MS: Mild Steel, A material that is used in housing of luminaires.

Power Factor: The active power divided by the apparent power (i.e., product of the rms input voltage and rms input current of a driver).

Ultraviolet (UV): Invisible radiation that is shorter in wavelength and higher in frequency than visible violet light. UV rays are light waves that are similar to the light from the sun. UV radiation can cause oxidation, fading of colors of furniture, carpet, draperies and art work.

Uniformity: It is the ratio of minimum to average illuminance.

Watt: The unit of electrical power as used by an electrical device during its operation. Many lamps come with rating in watt to indicate their power consumption.

CORPORATE OFFICE

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Tel: +91 - 022 - 42646362

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Halonix Technologies Pvt Ltd.
No.6, "Legacy" 1st Floor, Convent Road, Richmond Town, Bengaluru - 560025. Tel: +91 - 080 - 30527032

MANUFACTURING UNIT

Halonix Technologies Pvt Ltd.
Plot No.5, Sector 12, IIE SIDCUL, Haridwar, Uttarakhand - 249403

NOTES:

- All dimensions are in 'mm'
- Tolerance-Dimensions ± 10 mm; Beam angle ± 10 degree
- The image depicted in the catalogue may vary from the actual product
- ØB: cut out dimension
- HALONIX TECHNOLOGIES PVT. LTD. reserves the right to make any changes in the design and data without any prior notice