

Welcome to the 2020/21 Empyrean Lighting™ Catalogue



We're an award winning, Australian based company who designs, manufactures and supplies ultra-high quality LED lighting solutions for a variety of applications worldwide.

Being at the forefront of the LED revolution, we specialise in deign and control and can provide a customised, personal and professional approach for any lighting requirement. We are committed to the continual innovation, research and development of LED technology.



OUR MISSION. OUR VISION. OUR VALUES. OUR PROMISE.

Our Mission:

Green Efficient Safe.

Our mission at Empyrean Lighting[™] is to protect our planet and improve our quality of life by presenting an efficient, green and safe lighting alternative to the worldwide market.

Our Vision

At Empyrean Lighting[™] we have set our sight on being one of the pre-eminent LED lighting designers and distributors in the world. No small feat considering the traditional nature of the lighting industry.

As LED specialists we ensure our finger is on the pulse of this dynamic technology and that we are playing an active role in its development and proliferation.

Our Values:

Empyrean Lighting™ is a company strengthened by its core values. While we pride ourselves on our modern thinking, cutting edge technology and business practices, we proudly uphold traditional standards of conduct and ethics throughout our organisation.

Simple courtesies like politeness, respect, mutual trust and customer satisfaction are paramount in even our most basic of interactions. Our goal is to be a company with whom it is a pleasure to do business.

Our Values:

Inherent to Empyrean Lighting™ is our commitment to transparency. We use expert staff to compile and deliver indepth financial and environmental analysis to clients to ensure expectations are set legitimately. And through our dedication to product quality we further guarantee these expectations are met.



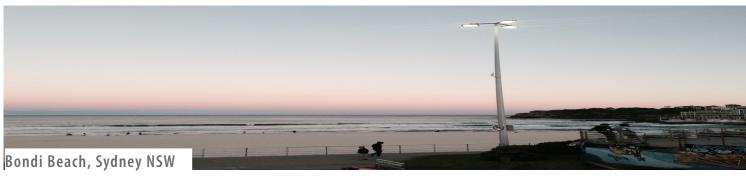
















CERAMIC LED SERIES







ANDROMEDA CERAMIC RANGE

OUR ANDROMEDA™ CERAMIC SERIES has been designed to compete with low cost LED luminaires. We've reduced the amount of aluminium used in the frame and utilised ceramic heatsink materials in our patented

Our Andromeda™ Ceramic Series features unparalleled thermal management which guarantees performance and lifespan. The versatility in this range is possible through multiple options in output, articulation, frame material, colour and CCT. There is literally an Andromeda™ for every application!

BENEFITS OF OUR RANGE

- USES 50%-75% LESS ELECTRICITY THAN HIGH INTENSITY DISCHARGE LUMINAIRES
- LIFESPAN OF 60,000 HRS+ (TO L70)
- IS IP66
- IS AVAILABLE IN SPECIFIC POWER AND LENS TYPES FOR GENERAL APPLICATION AREAS
- START UP AND SHUT DOWN IMMEDIATELY.
- PERFECT FOR PHOTO SENSOR OR MOTION SENSOR CONTROLS
- HAS LOW INRUSH & OPERATING CURRENTS
- CONTAINS NO HARMFUL OR TOXIC SUBSTANCES (NO HG)
- DOES NOT EMIT UV RADIATION & DOES NOT
- REQUIRE UV BLOCKING FILTERS HAS ROBUST CONSTRUCTION, PERFECT FOR TOUGH & CHALLENGING CONDITIONS
- ELIMINATES MERCURY RECYCLING COSTS













Andromeda C Flood

CERAMIC LED FLOODLIGHT



















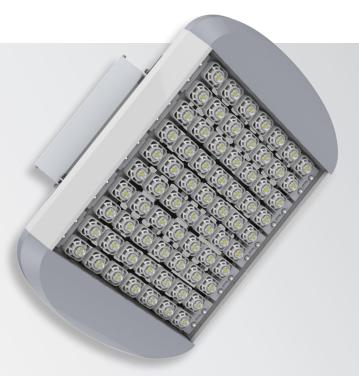












PRODUCT INFORMATION

Nichia High Power LED 6063 Aluminium (Marine Grade)

Ceramic Diode Seat with Polycarbonate Pixel Rails

BRACKET MATERIAL

BRACKET TYPE Wall Mount, Surface Mount, Suspended (Hook)

FRAME COLOUR Silver, White MECHANICAL IMPACT RESISTANCE IK10 IP RATING IP66 -40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 90-305VAC, 50/60Hz (Standard) Non-dimmable standard LIFESPAN 60,000 hours to L70 B10 POWER 40W - 410W

POWER FACTOR 0.95

BEAM ANGLE Distribution Ranges - Refer to lens options page

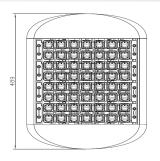
IESNA Type I,II,III, IV & V distribution

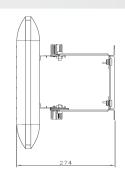
120 lm/W

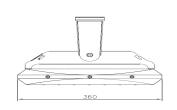
5,000-5,500K Cool White >70 (CRI) Standard

Additional Options - Frame options 304SS & 316SS. Dimmable with 0-10V, PWM, DALI, PE Cell or Nema 7. Varying input voltage including 24V DC to 480V. CCT Options - \sim 4000K Natural White & \sim 3000K Warm

SCHEMATIC OF ANDROMEDA C FLOOD 140W & 165W







LUMINOUS EFFICACY

PRODUCT CODE	POWER	OUTPUT (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)	
Andromeda-C-Flood-40	40W	4,800	800mA	261	360	274	4.2kg	
Andromeda-C-Flood-45	45W	5,400	800mA	261	360	274	4.5kg	
Andromeda-C-Flood-70	70W	8,400	800mA	337	360	274	5.1kg	
Andromeda-C-Flood-85	85W	10,200	800mA	337	360	274	5.5kg	
Andromeda-C-Flood-110	110W	13,200	800mA	413	360	274	5.9kg	
Andromeda-C-Flood-125	125W	15,000	800mA	413	360	274	6.3kg	
Andromeda-C-Flood-140	140W	16,800	800mA	489	360	274	6.7kg	
Andromeda-C-Flood-165	165W	19,800	800mA	489	360	274	7.2kg	
Andromeda-C-Flood-180	180W	21,600	800mA	565	360	274	8.3kg	
Andromeda-C-Flood-210	210W	25,200	800mA	565	360	274	8.6kg	
Andromeda-C-Flood-220	220W	26,400	800mA	641	360	274	9.2kg	
Andromeda-C-Flood-250	250W	30,000	800mA	641	360	274	10.4kg	
Andromeda-C-Flood-280	280W	33,600	800mA	717	360	274	12.0kg	
Andromeda-C-Flood-320	320W	38,400	800mA	869	360	274	14.8kg	
Andromeda-C-Flood-360	360W	43,200	800mA	945	360	274	15.0kg	
Andromeda-C-Flood-370	370W	44,400	800mA	869	360	274	15.3kg	
Andromeda-C-Flood-410	410W	49,200	800mA	945	360	274	16.1kg	









Andromeda C Pole Mount

CERAMIC POLE MOUNT LED LUMINAIRE



























LIGHT SOURCE HOUSING

BRACKET MATERIAL **BRACKET TYPE**

OPERATING TEMP

FRAME COLOUR MECHANICAL IMPACT RESISTANCE IP RATING

Nichia High Power LED 6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails

Pole Mount 60mm Outer Diameter with Adjustable

Angle Mount -10° to 15° & Secure Point Cable Silver, White

IK10 IP66 -40°C to 70°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE LIFESPAN **POWER** POWER FACTOR **BEAM ANGLE**

LUMINOUS EFFICACY

90-305VAC, 50/60Hz (Standard) Non-dimmable standard 60,000 hours to L70 B10

40W - 250W 0.95

Distribution Ranges - Refer to lens options page

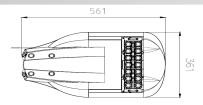
IESNA Type I,II,III, IV & V distribution

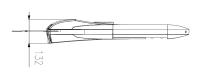
120 lm/W

5,000-5,500K Cool White >70 (CRI) Standard

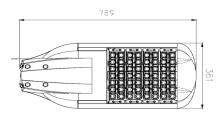
Additional Options - Frame options 304SS & 316SS. Dimmable with 0-10V, PWM, DALI, PE Cell or Nema 7. Varying input voltage including 24V DC to 480V. CCT Options - \sim 4000K Natural White & \sim 3000K Warm

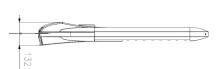
SCHEMATIC OF ANDROMEDA C POLE 70W & 85W





SCHEMATIC OF ANDROMEDA C POLE 140W & 160W





PRODUCT CODE	POWER	OUTPUT* (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)	
Andromeda-C-PoleM-40	40W	4,800	800mA	561	361	132	8.3kg	
Andromeda-C-PoleM-45	45W	5,400	800mA	561	361	132	8.5kg	
Andromeda-C-PoleM-70	70W	8,400	800mA	637	361	132	9.4kg	
Andromeda-C-PoleM-85	85W	10,200	800mA	637	361	132	9.5kg	
Andromeda-C-PoleM-110	110W	13,200	800mA	713	361	132	10.0kg	
Andromeda-C-PoleM-125	125W	15,000	800mA	713	361	132	10.6kg	
Andromeda-C-PoleM-140	140W	16,800	800mA	789	361	132	11.0kg	
Andromeda-C-PoleM-160	160W	19,200	800mA	789	361	132	11.6kg	
Andromeda-C-PoleM-180	180W	21,600	800mA	865	361	132	12.0kg	
Andromeda-C-PoleM-210	210W	25,200	800mA	865	361	132	12.5kg	
Andromeda-C-PoleM-220	220W	26,400	800mA	941	361	132	13.0kg	
Andromeda-C-PoleM-250	250W	30,000	800mA	941	361	132	13.8kg	









Andromeda C Pole Mount

SMALL CERAMIC POLE MOUNT LED LUMINAIRES





























LIGHT SOURCE HOUSING

BRACKET MATERIAL BRACKET TYPE FRAME COLOUR MECHANICAL IMPACT RESISTANCE

IP RATING
OPERATING TEMP

Nichia High Power LED 6063 Aluminium (Marine Grade)

Ceramic Diode Seat with Polycarbonate Pixel Rails

ST12

Pole Mount 60mm Diameter Silver, White, Black

IK10 IP66 -40°C to 70°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE
DIMMABLE
LIFESPAN
POWER
POWER FACTOR
BEAM ANGLE

LUMINOUS EFFICACY

CCT

90-305VAC, 50/60Hz (Standard) Non-dimmable standard 50,000 hours to L70 20W, 25W, 30W

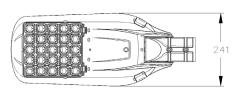
0.95

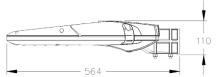
Customisable - Refer to lens options page IESNA Type I,II,III, IV & V distribution 120 lm/W (Cool & Natural White) 110lm/W (Warm White)

5,000-5,500K Cool White >70 (CRI) Standard

Additional Options - Frame options 304SS & 316SS. Dimmable with 0-10V, DALI, PE Cell or Nema 7. Varying input voltage including 24V DC to 480V. CCT Options - ~4000K Natural White & ~3000K Warm

SCHEMATIC OF 20W/25W/30W





PRODUCT CODE	POWER	OUTPUT* (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-PoleMS-20	20W	2,400	800mA	564	241	110	4kg
Andromeda-C-PoleMS-25	25W	3,000	800mA	564	241	110	4.3kg
Andromeda-C-PoleMS-30	30W	3,600	800mA	564	241	110	4.6kg











POLE MOUNT SOLAR LIGHT



























PRODUCT INFORMATION

LIGHT SOURCE HOUSING

BATTERY HOUSING BRACKET MATERIAL

BRACKET

FRAME COLOUR MECHANICAL IMPACT RESISTANCE

IP RATING

Lumileds

6063 Aluminium (Marine Grade)

Ceramic Diode Seat with Polycarbonate Pixel Rails Seperate box to be housed on or in the pole

Made to suit existing pole mount diameter to hold

solar panel & pole mount luminaire

Grey

IKO8 (Bracket & Frame Only)

IP66

LUMINAIRE SPECIFICATIONS

INPUT VOLTAGE DIMMABLE LIFESPAN **POWER POWER FACTOR** BEAM ANGLE

LUMINOUS EFFICACY

CCT

Yes - controller provided for dimming options

100,000 hours to L70 20W, 30W, 45W 0.95

Customisable - see Andromeda C Lens page for

distribution options

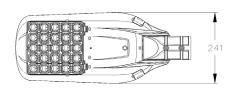
140lm/W

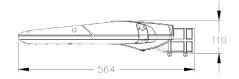
5,000-5,500K Cool White >70 (CRI) Standard

*Also available in 4,000K Natural White

SCHEMATIC OF 30W POLE MOUNT LUMINAIRE

Indicative Images Only - Solar Pole Mount product includes light, solar panel and bracket to attach to existing pole





SOLAR PANEL & BATTERY SPECIFICATIONS

POWER CONSUMPTION SOLAR PANEL POWER GENERATION BATTERY RATING BATTERY LIFESPAN **OPERATING HOURS** BATTERY CHARGING TIME

PoleMS-30W 30W 60W 38AH; 12.8V LIFEP04

2000 Cycles Up to 40hrs in dim mode

7hrs (full sun)

PoleMS-45W 45W

80W

60AH; 12.8V LIFEP04 2000 Cycles

Up to 40hrs in dim mode 7hrs (full sun)





PRODUCT CODE	POWER	OUTPUT* (LUMENS)
Andromeda-C-PoleMS-20+Solar Andromeda-C-PoleMS-30+Solar	20W 30W	2,800 4,200
Andromeda-C-PoleMS-45+Solar	45W	6,300



Andromeda C High Mast

CERAMIC LED HIGH MAST LUMINAIRE

















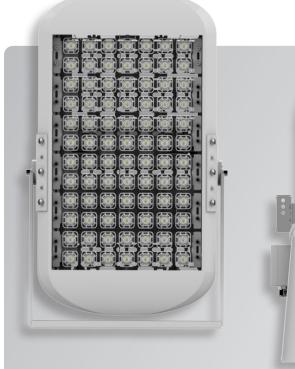












PRODUCT INFORMATION

BRACKET MATERIAL BRACKET TYPE

MECHANICAL IMPACT RESISTANCE IP RATING **OPERATING TEMP**

Ceramic Diode Seat with Polycarbonate Pixel Rails Trunnion Arm Silver, White, Black

Nichia High Power LED 6063 Aluminium (Marine Grade)

IK10 IP66 -40°C to 55°C

TECHNICAL SPECIFICATIONS

LUMINOUS EFFICACY

90-305VAC, 50/60Hz (Standard), Varying input

available from 24V DC to 480V.

Non-dimmable standard LIFESPAN 60,000 hours to L70 B10 POWER 140W - 410W

POWER FACTOR **BEAM ANGLE**

Distribution Ranges - Refer to lens options page

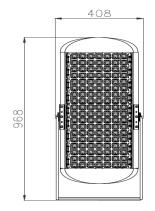
IESNA Type I,II,III, IV & V distribution

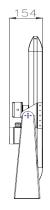
120 lm/W

5,000-5,500K Cool White >70 (CRI) Standard

Additional Options - Frame options 304SS & 316SS. Dimmable with 0-10V, PWM, DALI, PE Cell or Nema 7. CCT Options - ~4000K Natural White & ~3000K Warm White.

SCHEMATIC OF ANDROMEDA C HMAST 360W & 410W







OUTPUT INPUT (LUMENS) CURRENT (mA) LENGTH (MM) DEPTH (MM) Andromeda-C-HMast-140 140W 16,800 800mA 516 154 10.2kg Andromeda-C-HMast-160 160W 19,200 800mA 516 408 154 10.9kg Andromeda-C-HMast-180 180W 21,600 800mA 589 408 154 11.4kg Andromeda-C-HMast-210 210W 25,200 800mA 589 408 154 11.7kg Andromeda-C-HMast-220 220W 26,400 800mA 665 408 154 12.5kg Andromeda-C-HMast-250 30,000 800mA 743 13.0kg 250W 408 154 Andromeda-C-HMast-280 819 280W 33,600 800mA 408 14.9kg 154 Andromeda-C-HMast-320 897 320W 38,400 800mA 408 154 16.5kg Andromeda-C-HMast-360 360W 43.200 800mA 968 408 154 17.2kg Andromeda-C-HMast-370 370W 44.400 800mA 892 408 154 18.0kg Andromeda-C-HMast-410 410W 49,200 800mA 968 408 154 18.5kg



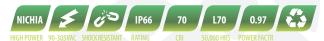






Andromeda C High Mast

CERAMIC LED HIGH MAST LUMINAIRE

















Nichia High Power LED 6063 Aluminium (Marine Grade)

Ceramic Diode Seat with Polycarbonate Pixel Rails

BRACKET MATERIAL Trunnion Arm Silver, White, Black

MECHANICAL IMPACT RESISTANCE IK10

DRIVER MOUNTING 4 x Drivers per Light. Remote mounted at base

of pole internally. Optional external waterproof enclosure for exterior pole mounting.

IP RATING **OPERATING TEMP** -40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 90-305VAC, 50/60Hz (Standard), Varying input

> available from 24V DC to 480V. Non-dimmable standard

LIFESPAN 60,000 hours to L70 B10 1000W

POWER POWER FACTOR 0.97 BEAM ANGLE

Distribution Ranges - Refer to lens options page

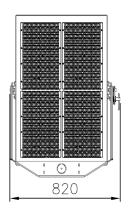
IESNA Type I,II,III, IV & V distribution

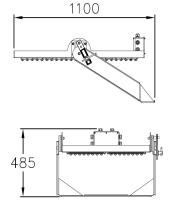
LUMINOUS EFFICACY 120 lm/W

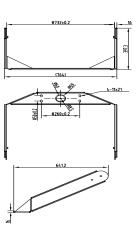
5,000-5,500K Cool White >70 (CRI) Standard

Additional Options - Frame options 304SS & 316SS. Dimmable with 0-10V, PWM, DALI, PE Cell or Nema 7. CCT Options - ~4000K Natural White & ~3000K Warm White.

SCHEMATIC OF ANDROMEDA C HMAST 1000W + BRACKET







PRODUCT CODE	POWER	OUTPUT (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-HMast-1000	1000W	120,000	800mA	1100	820	4854	67kg





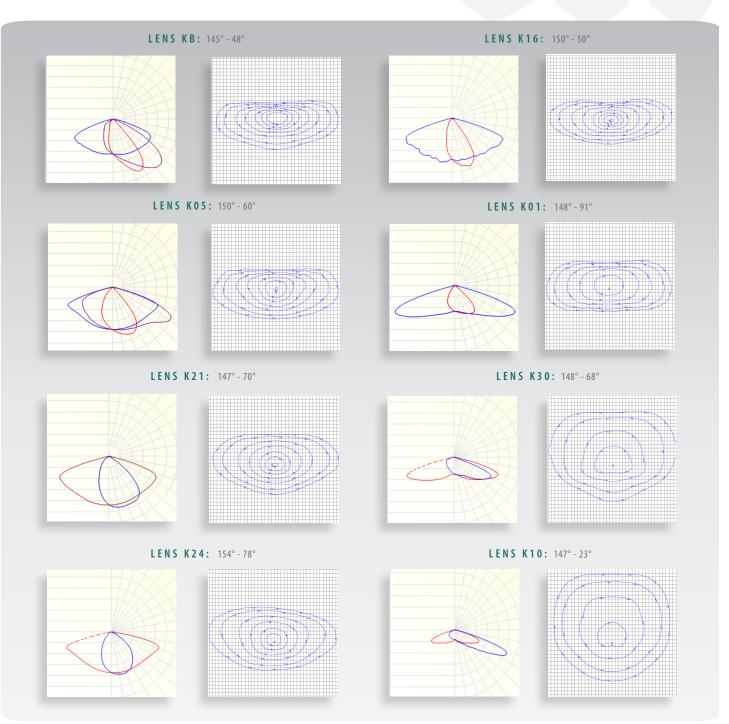






CERAMIC LUMINAIRES

STREET/PATH LIGHTING



IESNA Types

1	II	III	IV	٧
KB	K01	K30	K10	K14
K05	K21			K18
K13	K24			K81
K16	TM			LE
K64				

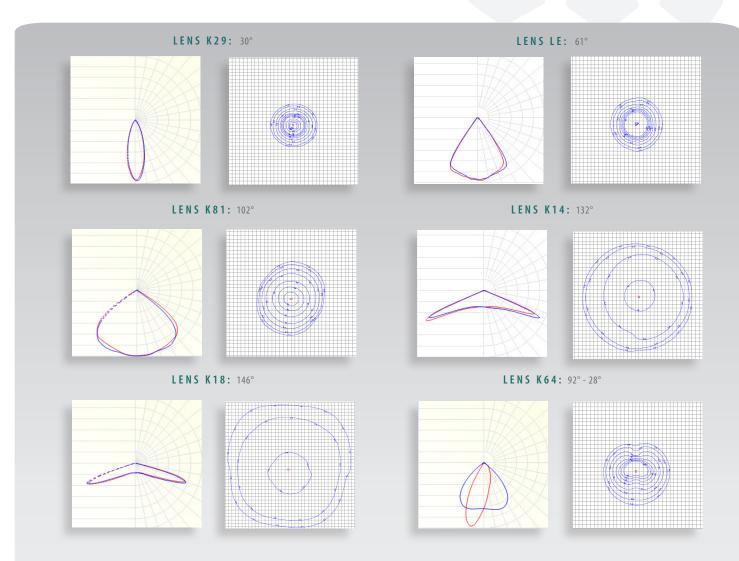






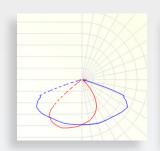
CERAMIC LUMINAIRES

GENERAL LIGHTING



TUNNEL LIGHTING

LENS K13: 135°-60°









LENS TM: 144° - 79°

Andromeda C Mounting Options

CERAMIC LUMINAIRES

Standard (Wall Mount)

Standard adjustable wall/ceiling mount bracket on Flood. Bracket material options - ST12, 304SS, 316SS.



Rod Mount

Mounting bracket suitable for rod mounting with a threaded 3/4 inch pipe. Bracket material options - ST12, 304SS, 316SS.



FLOOD

Canopy (Surface Mount)

Flat surface bracket for mounting directly to ceiling, stud or wall. Bracket material options - ST12, 304SS, 316SS.



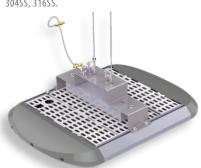
Slip Fit

Pole fitted sleeve for Andromeda Flood units. Non adjustable. 60mm0D Pole/Arm Spigot not included. Bracket material options - ST12, 304SS, 316SS.



Suspension (Hooks)

Dual ST12 hooks attached to the surface bracket for suspension mounting.Bracket material options - ST12, 304SS, 316SS.



HIGH MAST

Trunnion

Heavy duty adjustable trunnion mount for High Mast luminiare. Suitable for cross beams and wall mounting. Bracket material options - ST12, 304SS & 316SS.



Forward Bracket

Bracket for 1000W High Mast luminaire suitable for forward throw mounting on cross beams. Bracket material options - ST12, 304SS & 316SS.



POLE MOUNT

Standard (Pole Mount)

Standard adjustable pole mount to pole diameter 60mm. Adapters available for other diameters.



SHIELD OR BLIND OPTIONS ARE AVAILABLE FOR ALL LUMINAIRES WITH ANY MOUNTING BRACKET. CONTACT EMPYREAN LIGHTING TO DISUCSS REQUIREMENTS





CERAMIC LUMINAIRES

POLE MOUNT WALL THIN



POLE MOUNT SLEEVE

Pole top range 33.7mm/ 48mm



POLE MOUNT DUAL



POLE CURVE EXTENDED



POLE MOUNT WALL THICK



POLE MOUNT SLEEVE

Pole top range 48mm-100mm



POLE MOUNT QUAD



POLE MOUNT CORNER



POLE MOUNT TOP



POLE MOUNT SLEEVE

Pole top range 100mm-150mm



POLE MOUNT CURVE



FOR CUSTOM POLE MOUNTING CONTACT EMPYREAN LIGHTING











OUR NEBULA™ LUMINAIRES represent unparalleled diversity in the Linear LED market. Rugged, IP66 fittings are ideal for wall washing any edifice or feature in vibrant colours, yet are just as at home on mine sites, or on large machinery providing general or customised illumination.

This series is highly customisable and able to work with a variety of control systems including DMX512 and DALI.

BENEFITS OF OUR RANGE

- SAVES UP TO 80% ON ELECTRICTY COSTS WHEN COMPARED WITH TRADITIONAL SOLUTIONS
- HAVE MULTIPLE LENS ANGLES AVAILABLE FOR PINPOINT ACCURACY
- ARE AVAILABLE IN A RANGE OF COLOUR OPTIONS INCLUDING SPECIFIC CCTS & RGB
- RATED TO IP66
- CONTAINS NO MERCURY WHICH ELIMINATES RECYCLING COSTS
- DOES NOT EMIT UV RADIATION







































PRODUCT INFORMATION

MEASUREMENTS		Length	Width	Depth	Weight
	20W	120mm	107mm	180mm	2.5kg
	40W	268mm	203mm	161mm	3.8kg
	60W	293mm	203mm	161mm	5.0kg
	80W	418mm	203mm	161mm	10.2kg
	100W	518mm	203mm	161mm	12.0kg

LIGHT SOURCE Nichia High Power LED

HOUSING Aluminium alloy and adjustable mounting bracket

BRACKET MATERIAL

MOUNTING Standard bracket for wall/ceiling mount

FRAME COLOUR Silver IP RATING IP66 -40°C to 55°C OPERATING TEMP

TECHNICAL SPECIFICATIONS

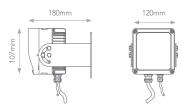
INPUT VOLTAGE DIMMABLE OPTIONAL LIFESPAN **EFFICACY** POWER BEAM ANGLE CCT

85-277VAC, 50/60Hz or 24VDC 5-100%, RGB with DMX 512

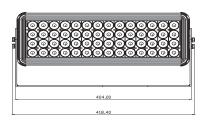
50,000 hours 100lm/W

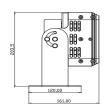
20W, 40W, 60W, 80W, 100W 10°, 40°, 40° Elongated 5,000-5,500K Cool White* 4,000-4,500K Natural White 2,700-3,000K Warm White

SCHEMATIC OF MULTI 20W



SCHEMATIC OF MULTI 80W





PRODUCT CODE BUILDER E.G. NEBULA-M40W-40CW-S

PRODUCT CODE	POWER	BEAM Angle	ССТ	TRIM	DIMMING
NEBULA-M	20W	-10	-WW (Warm White)	-S (Silver)	-DD (DALI)
	40W	-40	-NW (Natural White)		-D (0-10V)
	60W	-40E	-CW (Cool White)		-P (PWM)
	80W		-RGB		
	120W				









































PRODUCT INFORMATION

MEASUREMENTS

LIGHT SOURCE

Width Depth

Weight 91mm 4.5kg

1000mm 65mm Osram High Power LED

Aluminium alloy and adjustable mounting brackets

HOUSING BRACKET MATERIAL FRAME COLOUR Silver, Black IP RATING IP66 OPERATING TEMP -40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE LIFESPAN POWER

CCT

90-305VAC, 50/60Hz or 24VDC

50,000 hours 24W

BEAM ANGLE 60E° (Elongated), 50E° (Elongated), 30°

> 5,000-5,500K Cool White 4,000-4,500K Natural White

2,700-3,000K Warm White Red, Green or Blue

* FIGURES REPRESENTED IN LUMEN OUTPUT TABLE BELOW AT 2,700K

SCHEMATIC OF LINEAR 24W





OUTPUT

WARM WHITE

2,040 lm 24W

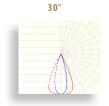


DISTRIBUTION DIAGRAMS

60E° (Elongated)







PRODUCT CODE BUILDER

E.G. NEBULA-L18WLV-30-CWB

PRODUCT CODE	POWER	VOLTAGE	BEAM ANGLE	ССТ	TRIM
NEBULA-L	24W	LV (24VDC)	-60E	-WW (WarmWhite)	S (Silver)
			-50E	-NW (Natural White)	B (Black)
			-30	-CW (Cool White)	









FIXED CCT VARIABLE CONTROL LED



















PRODUCT INFORMATION

MENSIONS			Length	Width	Depth	Weight
	Multi	20W	120mm	107mm	180mm	2.5kg
		40W	268mm	203mm	161mm	3.8kg
		60W	293mm	203mm	161mm	5.0kg
		80W	418mm	203mm	161mm	10.2kg
		100W	518mm	203mm	161mm	12.0kg
	Linear	18W	600mm	70mm	121mm	3.2kg
		24W	1000mm	70mm	121mm	4.5kg
		36W	1200mm	70mm	121mm	5 9ka

IP66

INGRESS PROTECTION

POWER FACTOR

CCT

DIN

LIGHT SOURCE Nichia High Power LED

HOUSING Aluminium alloy and adjustable mounting brackets

BRACKET MATERIAL

BRACKET TYPE Wall Mount, Surface Mount

FRAME COLOUR Silver, Black

MECHANICAL IMPACT RESISTANCE IKO8 (Bracket & Frame Only)

IP RATING IP66

OPERATING TEMPERATURE -40°C to +55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 90-305VAC, 50/60Hz LIFESPAN 50,000 hours to L70

POWER Multi - 20W, 40W, 60W, 80W, 100W

Linear - 18W, 24W, 36W

>0.97

DIMMABLE 5-100% - DALI & DMX 512 for RGB **BEAM ANGLE** Multi - 10°, 40° (20W only), 40° Elongated

Linear- 10°, 15°, 25°, 30°, 50°

Multi 5,000-5,500K Cool White* 4,000-4,500K Natural White

2,700-3,000K Warm White

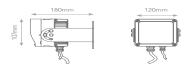
RGB or Blue

Linear 5,000-5,500K Cool White

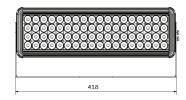
4,000-4,500K Natural White

RGB or Blue

SCHEMATIC OF NEBULA MULTI 20W

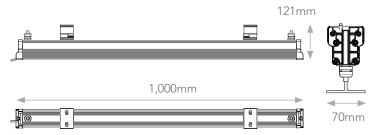


SCHEMATIC OF NEBULA MULTI 80W





SCHEMATIC OF NEBULA LINEAR 24W



APPLICATIONS













POLARIS LED RANGE

IN RESPONSE TO the recent trend toward D&C projects, and the need for more cost effective LED solutions, we've released our Polaris™ range of luminaires. The Polaris™ is a high quality, compliant, product series backed by our exemplary customer service and comprehensive 5 year warranty. Further they are fully compliant to all relevant Australian standards and their performance is backed by NATA certified testing done here in Australia.

If you're looking for a high quality, comprehensively compliant and supported product series for your next project, don't' look any further than our Polaris™ series of luminaires, which includes high bays, pole top, floodlights, and security lights.

BENEFITS OF OUR RANGE

- USES 50%-75% LESS ELECTRICITY THAN HIGH INTENSITY DISCHARGE LUMINAIRES
- LIFESPAN OF 50,000 HRS+ TO (L70)

- LOW INRUSH & OPERATING CURRENTS NO HARMFUL OR TOXIC SUBTANCES (NO
- RECYCLABLE
 DOES NOT REQUIRE UV BLOCKING FILTERS













HIGH INTENSITY LED LIGHTS

















PRODUCT INFORMATION









WEIGHT RANGE LIGHT SOURCE

HOUSING

BRACKET MATERIAL

MOUNTING OPTIONS

FRAME COLOUR

CONTROL MECHANICAL IMPACT RESISTANCE

IP RATING

OPERATING TEMP

1.4kg to 2.4kg

Nichia High Power LED Ceramic Diode Seat with Polycarbonate

Pixel

Carbon Steel

Suspended (Standard 1 Hook) or

Ceiling Mount available

Black, White 0-10V, DALI IK10

IP65

-25°C to 50°C

TECHNICAL SPECIFICATIONS

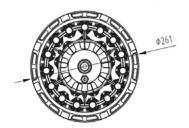
INPUT VOLTAGE 176~264VAC, 50/60Hz DIMMABLE OPTIONAL Yes, 0-10V or DALI LIFESPAN 50,000 hours to L70 POWER 100W, 150W, 200W 60°, 90°, 120° **BEAM ANGLE LUMINOUS EFFICACY** 150 lm/W CCT 5,000K Cool White*

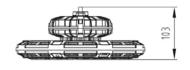
4,000K Natural White 3,000K Warm White*

* FIGURES REPRESENTED IN LUMEN OUTPUT TABLE BELOW AT 5,000K

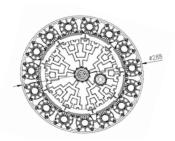
* MOQ'S APPLY FOR 3,000K PLEASE CONTACT EMPYREAN DIRECTLY

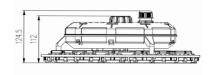
SCHEMATIC OF POLARISHB-C-100W





SCHEMATIC OF POLARISHB-C-200W





PRODUCT CODE **POWER** OUTPUT* DIAMETER DEPTH Weight (LUMENS) (MM) (MM) PolarisHB-C-100W 100W 15,000 261 103 1.4kg PolarisHB-C-150W 150W 22,500 261 103 1.4kg PolarisHB-C-200W 200W 30,000 288 124.5 2.4kg













HIGH INTENSITY POLE MOUNT LED



























PRODUCT INFORMATION

WEIGHT RANGE 1.2kg LIGHT SOURCE Nichia High Power LED LENS Ceramic Pixel HOUSING Plastic FRAME COLOUR Silver, White, Bronze

MECHANICAL IMPACT RESISTANCE IK08 IP RATING IP66 OPERATING TEMP -40°C to 55°C





TECHNICAL SPECIFICATIONS

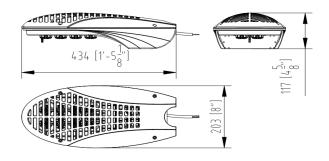
INPUT VOLTAGE 100-240VAC, 50/60Hz or 24VDC DIMMABLE Non Dimmable LIFESPAN 50,000 hours POWER 20W, 30W, 35W, 40W 145° - 65° BEAM ANGLE

LUMINOUS EFFICACY 130lm/W 5,000K Cool White*

4,000K Natural White 3,000K Warm White

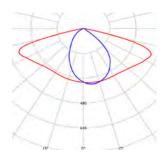
* FIGURES REPRESENTED IN LUMEN OUTPUT TABLE BELOW AT 5,000K

SCHEMATIC OF POLE MOUNT



PRODUCT CODE	POWER	OUTPUT* (LUMENS)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	
PolarisPM-20W	20W	2,600	434	203	117	
PolarisPM-30W	30W	3,900	434	203	117	
PolarisPM-35W	35W	4,550	434	203	117	
PolarisPM-40W	40W	5,200	434	203	117	

BEAM ANGLE 120°







































PRODUCT INFORMATION

WEIGHT RANGE LIGHT SOURCE LENS HOUSING BRACKET MATERIAL MOUNTING OPTIONS FRAME COLOUR CONTROL IP RATING **OPERATING TEMP**

0.74kg to 3.78kg Nichia High Power LED Ceramic Plastic Metal Plate

Trunnion Bracket Black

Remote Control (RGB Option Only)

-30°C to 55°C





TECHNICAL SPECIFICATIONS

INPUT VOLTAGE DIMMABLE OPTIONAL LIFESPAN POWER BEAM ANGLE LUMINOUS EFFICACY CCT

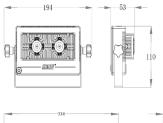
RGB (16 Colour Options)

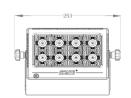
100-240VAC, 50/60Hz Non Dim 30,000 hours 10W, 30W, 50W, 70W, 100W 120°

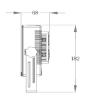
100 lm/W ~5,500K Cool White*

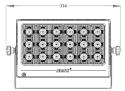
RGB

SCHEMATICS OF FLOOD 10W, 50W & 100W





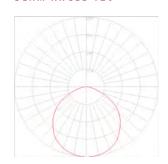






PRODUCT CODE	POWER	OUTPUT* (LUMENS)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	
PolarisFL-10W	10W	1,100	194	110	53	
PolarisFL-30W	30W	3,000	176	120	38	
PolarisFL-50W	50W	5,000	253	182	68	
PolarisFL-70W	70W	7,000	200	193	38	
PolarisFL-100W	100W	10,000	334	221	68	

BEAM ANGLE 120°













HIGH INTENSITY LED LIGHTS

















WORKING MODES













WEIGHT RANGE 0.87kg - 1.1kg LIGHT SOURCE Nichia High Power LED LENS Ceramic Pixel HOUSING Plastic with Metal Plate Bracket

FRAME COLOUR Black, White IP RATING OPERATING TEMP -40°C to 55°C

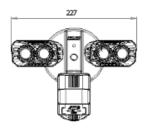
TECHNICAL SPECIFICATIONS

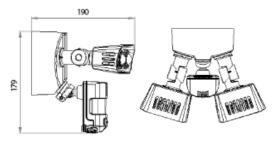
INPUT VOLTAGE 100-240VAC, 50/60Hz or 24VDC DIMMABLE Non Dimmable LIFESPAN 50,000 hours POWER 18W & 36W **BEAM ANGLE** 120° LUMINOUS EFFICACY 110lm/W CRI 80 CCT

5,000K Cool White

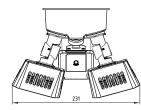
Test Mode: Proof sensor is working Auto Mode: Light turns on for 1-10min when motion sensor detects movement. On Time Mode: Light works during daytime and night time via the on/off switch D2D (Dusk to Dawn): Lights will turn on automatically at night and off at dawn

SCHEMATIC OF SECURITY LIGHTS



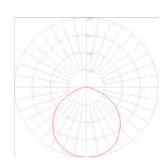








BEAM ANGLE 120°



TYPICAL APPLICATIONS







8









CORONA™ PANEL RANGE

OUR CORONA™ LED PANEL SERIES are aesthetically beautiful, light weight, efficient and ideal for new or retrofit projects requiring a modern and versatile solution.

BENEFITS OF OUR RANGE

- USES ~50% LESS ELECTRICITY THAN FLUORESCENT TECHNOLOGY
- LASTS ON AVERAGE THREE TIMES LONGER THAN FLUORESCENT TUBES
- IS AVAILABLE IN A VARIETY OF SIZES FOR ANY ENVIRONMENT OR APPLICATION
- GENERATES VERY LITTLE HEAT WHICH REDUCES LOADS ON AIR-CONDITIONING, LESSENS FIRE RISK AND IMPROVES SAFETY
- DO NOT REQUIRE A STARTER OR BALLAST - FURTHER REDUCING ENERGY USE AND FIXTURE WEIGHT
- CONTAINS NO HARMFUL OR TOXIC SUBSTANCES AND ARE FULLY RECYCLABLE
- ELIMINATES MERCURY RECYCLING COSTS
- DOES NOT EMIT UV RADIATION
- CYANOSIS OBSERVATION INDEX (COI) COMPLIANT UNITS AVAILABLE
- MOST PRODUCTS HAVE VEET AND IPART **APPROVALS**













ULTRA SLIM PANEL LIGHTS



























LENGTH WIDTH DEPTH 595mm 595mm 8mm

LumenMax/Epistar Frosted PC or Prismatic Aluminium alloy MOUNTING

Default - mount in T-Bar ceiling grid Recessed with Plaster Frame Kit,

Suspended, Hard Surface, Box Frame.

White TRIM OPERATING TEMPERATURE -20°C to +45°C

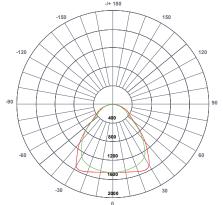
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 110VAC 60Hz, 230VAV 50Hz 0-10V/PWM, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10) POWER 30W, 40W, 50W 19

BEAM ANGLE 120° CRI >80

5,700K Cool White 4,000K Natural White 3,000K Warm White

BEAM ANGLE = 120°

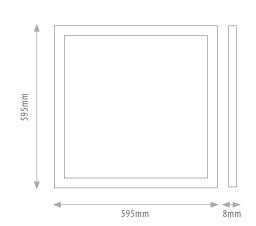




0 U T P U T

	Cool	Natural	Warm	
	White	White	White	
30W	3,700 lm	3,500 lm	3,200 In	
40W	4,000 lm	3,800 lm	3,600 In	
50W	4,900 lm	4,700 lm	4,500 lm	

SCHEMATIC OF CORONA-600SS



PRODUCT CODE BUILDER

E.G. Corona-600SS-W-NW plus Corona-DriverFF-40W-ND

PRODUCT	LENGTH	LENS	TRIM	POWER	ССТ
Corona	- 600SS	"Blank" (Frosted) P (Prismatic)	- W (White)	30W 40W	CW (Cool White NW (Natural White)
		(**************************************		50W	WW (Warm White)

DRIVER & POWER OPTIONS

DriverFF (NonDim) 30W, 40W, 50W Driver-Dim (0-10V) 30W, 40W, 50W Driver-DALI 25W, 40W, 60W







ULTRA SLIM PANEL LIGHTS





























MEASUREMENTS	LENGTH	WIDTH	DEPTH
	595/	295/	8mm

1,195mm 595mm LumenMax/Epistar LED Frosted PC or Prismatic

HOUSING Aluminium alloy MOUNTING

Default - mount in T-Bar ceiling grid Recessed with Plaster Frame Kit, Suspended, Hard Surface, Box Frame.

White OPERATING TEMPERATURE -20°C to +45°C

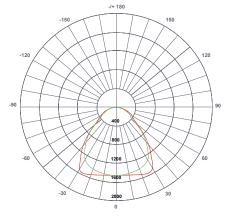
TECHNICAL SPECIFICATIONS

110VAC 60Hz, 230VAC 50Hz 0-10V/PWM, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10) POWER 26W, 40W, 70W

UGR 19 BEAM ANGLE 120° CRI >80

5,700K Cool White 4,000K Natural White 3,000K Warm White

 $BEAM ANGLE = 120^{\circ}$



Unit: cd c0/180 ___: PRISMASTIC c90/270 : STANDARD

0 U T P U T

	Cool	Natural	Warm	
	White	White	White	
26W	2,500 lm	2,300 lm	2,100 lm	
40W	4,200 lm	4,000 lm	3,800 lm	
70W	5,900 lm	5,700 lm	5,500 lm	

SCHEMATIC OF CORONA-1200RS



E.G.Corona-1200RS-W-NW plus Corona-DriverFF-26W-ND

PRODUCT CODE BUILDER

PRODUCT	LENGTH	WIDTH	LENS	TRIM	POWER	ССТ
Corona	- 600 - 1200	RS(300) RS(300)	"Blank" (Frosted) P (Prismatic)	- W (White)	26W 26W 40W	CW (Cool White) NW (Natural White) WW (Warm White)
		R6S(600)			70W 40W 70W	

DRIVER & POWER OPTIONS

DriverFF (NonDim) 26W, 40W, 70W Driver-Dim (0-10V) 26W, 40W, 70W Driver-DALI 25W, 40W, 60W







RECTANGULAR PANEL LIGHTS

















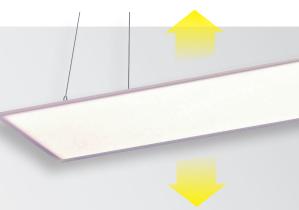


UP & DOWN









UP/DOWN PANEL

26W or 40W panel with frosted backing which emits ~30% of total lumens upwards.

PRODUCT INFORMATION

MEASUREMENTS LENGTH WIDTH DEPTH 1,195mm 295mm 12mm

Epistar

Frosted PC or Prismatic (Down Only)

Aluminium alloy MOUNTING Suspended TRIM White -20°C to +45°C

TECHNICAL SPECIFICATIONS

110VAC 60Hz, 230VAC 50Hz 0-10V/PWM, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10)

POWER 26W, 40W 19 **BEAM ANGLE** 120° CRI >80

5,700K Cool White 4,000K Natural White 3,000K Warm White

SCHEMATIC OF CORONA-U1200R



0 U T P U T

	Cool	Natural	Warm
	White	White	White
26W	U: 715 lm	U: 650 lm	U: 620 lm
	D: 1,620 lm	D: 1,560 lm	D: 1,430 lm
40W	U: 1,100 lm	U: 1,000 lm	U: 950 lm
	D: 2,500 lm	D: 2,400 lm	D: 2,250 lm

PRODUCT CODE BUILDER

E.G. Corona-U1200RS-W-NW plus Corona-Driver-DALI-40W

PRODUCT RANGE	ТҮРЕ	LENGTH (MM)	LENS	TRIM	POWER	ССТ	MOUNTING
Corona	- U (Up/Down)	1200R (1200)	P (Prismatic)	- W (White)	26W 40W	CW (Cool White) NW (Natural White) WW (Warm White)	- S (Suspended)

DRIVER & POWER OPTIONS

DriverFF (NonDim) 26W, 40W Driver-Dim (0-10V) 26W, 40W Driver-DALI 25W, 40W







SMALL PANEL LIGHTS



























MEASUREMENTS

LENS HOUSING

MOUNTING TRIM

OPERATING TEMPERATURE

LENGTH DEPTH 145 / 180 / 240mm 12mm 125 / 160 / 220mm

Epistar LED Frosted PC or Prismatic Aluminium alloy

Recessed (with 2 x spring clips)

110VAC 60Hz, 230VAC 50Hz

White -20°C to +45°C

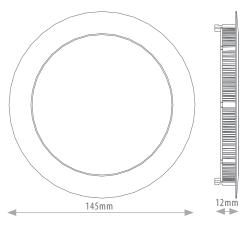
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE DIMMABLE LIFESPAN POWER **BEAM ANGLE** CRI

0-10V/PWM, DALI or Tridonic 50,000 hours (to L70 B10) 8W, 15W, 24W 120° >75 5,700K Cool White

4,000K Natural White 3,000K Warm White

SCHEMATIC OF CORONA-145C



0 U T P U T

	Cool	Natural	Warm
	White	White	White
8W	650 lm	600 lm	450 lm
15W	1,300 lm	1,200 lm	1,000 lm
24W	2,200 lm	2,000 lm	1,800 lm

PRODUCT CODE BUILDER

E.G. Corona-240C-W-NW plus Corona-DriverFF-24W-ND

PRODUCT RANGE	DIAMETER (MM)	LENS	POWER	ССТ
Corona	- 145C (145) - 180C (180)	"Blank" (Frosted) P (Prismatic)	- 8W - 15W	CW (Cool White) NW (Natural White)
	- 240C (240)		- 24W	WW (Warm White)

DRIVER & POWER OPTIONS

DriverFF (NonDim) 8W, 15W, 24W Driver-Dim (0-10V) 8W, 15W, 24W Driver-DALI 12W, 25W







LARGE PANEL LIGHTS

















PRODUCT INFORMATION

N &









DIAMETER DEPTH 380 / 580 / 980mm 13.5 / 15mm

Epistar LED
Frosted PC
Aluminium alloy

Wall/Ceiling Mount or Suspension

110VAC 60Hz, 277VAC 50Hz

50,000 hours (to L70 B10) 25W, 40W, 60W, 65W

White

Optional

120°

IG TEMPERATURE -20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

MOUNTING

TRIM

ESPAN

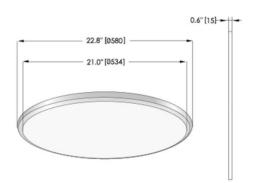
AM ANGLE

>80

5,000-6,000K Cool White 3,800-4,500K Natural White 2,800-3,500K Warm White

580 mm Diamater option also available as Up/Down in 40W & 60W. Contact Empyrean for more details.

SCHEMATIC OF CORONA-580C-W40W



0 U T P U T

	Cool	Natural	Warm
	White	White	White
25W	2,600 lm	2,500 lm	2,300 lm
40W	3,600 lm	3,400 lm	3,200 lm
60W	5,220 lm	5,000 lm	4,800 lm
65W	6,100 lm	6,000 lm	5,900 lm

WALL/CEILING MOUNT

SUSPENSION MOUNT





PRODUCT CODE BUILDER

E.G. Corona-580C-W-NW plus Corona-Driver-Dim-40W

PRODUCT	DIAMETER	TRIM	POWER	ССТ
Corona	- 380C (380) - 580C (580)	-W (White)	- 25W 40W	CW (Cool White) NW (Natural White)
	- 980C (980)	-	60W 65W	WW (Warm White)

DRIVER & POWER OPTIONS

DriverFF (NonDim) 25W, 40W, 60W, 65W Driver-Dim (0-10V) 25W, 40W, 60W, 65W Driver-DALI 25W, 40W, 60W







RECTANGULAR ULTRA SLIM PANEL







LENGTH

1,195mm







DEPTH

8mm



HOUSING MOUNTING

Frosted PC or Prismatic Aluminium alloy Default - mount in T-Bar ceiling grid

Recessed with Plaster Frame Kit, Suspended, Hard Surface, Box Frame.

WIDTH 295mm

TRIM White

TECHNICAL SPECIFICATIONS

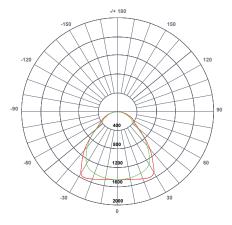
INPUT VOLTAGE 110VAC 60Hz, 240VAC 50Hz 0-10V/PWM, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10) **POWER** 26W, 40W, 70W **BEAM ANGLE** 120°

CRI 95

~3,970K Natural White

*CYANOSIS OBSERVATION INDEX (NATA LABORATORY CERTIFIED TO AS/NZS 1680.2.5:1997)

$BEAM ANGLE = 120^{\circ}$



Unit: cd

c0/180 : PRISMASTIC c90/270 : STANDARD

SCHEMATIC OF CORONA-1200RS





E.G. Corona-1200RSP-CYW-NW plus Corona-DriverFF-40W-ND

PRODUCT RANGE	LENGTH (MM)	WIDTH (MM)	LENS	CYANOSIS	TRIM	POWER	ССТ
Corona	- 1200	RS(300)	"Blank" (Frosted) P (Prismatic)	- CY	W (White)	26W 40W	NW (Natural White)

DRIVER & POWER OPTIONS

DriverFF (NonDim) 26W, 40W Driver-Dim (0-10V) 26W, 40W Driver-DALI 25W, 40W







SQUARE ULTRA SLIM PANEL



























DEPTH

8mm



LENGTH 595mm

595mm Frosted PC or Prismatic Aluminium alloy

Default - mount in T-Bar ceiling grid Recessed with Plaster Frame Kit,

Suspended, Hard Surface, Box Frame.

WIDTH

White

TECHNICAL SPECIFICATIONS

110VAC 60Hz, 240VAV 50Hz 0-10V/PWM, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10) 30W, 40W, 50W

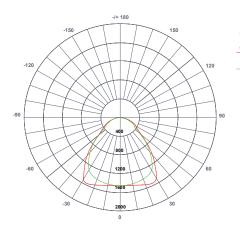
BEAM ANGLE 120°

~3,970K Natural White

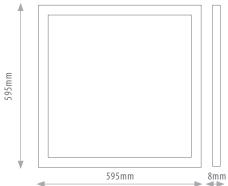
1.0

SCHEMATIC OF CORONA-600SS

$BEAM\ ANGLE = 120^{\circ}$



Unit: cd c0/180 _ : PRISMASTIC c90/270 : STANDARD



PRODUCT CODE BUILDER

E.G.Corona-600SS-CYW-NW plus Corona-DriverFF-50W-ND

PRODUCT RANGE	LENGTH (MM)	LENS	CYANOSIS	TRIM	POWER	ССТ
Corona	- 600SS	"Blank" (Frosted) P (Prismatic)	- CY	W (White)	30W 40W	NW (Natural White)
					50W	

DRIVER & POWER OPTIONS

DriverFF (NonDim) 30W, 40W, 50W Driver-Dim (0-10V) 30W, 40W, 50W Driver-DALI 25W, 40W, 60W





^{*}CYANOSIS OBSERVATION INDEX (NATA LABORATORY CERTIFIED TO AS/NZS 1680.2.5:1997)



FIXTURES



STANDARD

NO KIT REQUIRED:

Fits into T-Bar Ceiling Grid. Driver housed in ceiling.



RECESSED WITH FRAME KIT

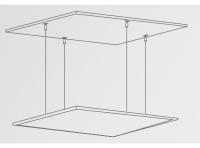
MOUNTING CODE: Corona-RecessedKit-1200RS/600S/600R-W Kit is recessed into plaster ceiling (cut out). Driver is housed in ceiling or on top of panel.





SUSPENDED

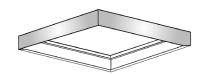
MOUNTING CODE: Corona-Mount-SuspensionKit Driver is housed in ceiling or on top of panel.





BOX FRAME

SURFACE MOUNT BOX: Corona-BoxFrame-1200R/600S-W Contains panel and driver (between panel and surface).





HARD SURFACE

MOUNTING CODE: Corona-Mount-HardSurface Driver is housed between panel and surface.











CORONA™ PANEL RANGE

OUR CORONA™ BACKLIT LED PANEL SERIES are aesthetically beautiful, light weight, efficient and ideal for new or retrofit projects requiring a modern and versatile solution.

BENEFITS OF OUR RANGE

- USES ~50% LESS ELECTRICITY THAN FLUORESCENT TECHNOLOGY
- LASTS ON AVERAGE THREE TIMES LONGER THAN FLUORESCENT TUBES
- IS AVAILABLE IN A VARIETY OF SIZES FOR ANY ENVIRONMENT OR APPLICATION
- GENERATES VERY LITTLE HEAT WHICH REDUCES LOADS ON AIR-CONDITIONING, LESSENS FIRE RISK AND IMPROVES SAFETY
- DO NOT REQUIRE A STARTER OR BALLAST - FURTHER REDUCING ENERGY USE AND FIXTURE WEIGHT
- CONTAINS NO HARMFUL OR TOXIC SUBSTANCES AND ARE FULLY RECYCLABLE
- ELIMINATES MERCURY RECYCLING COSTS
- DOES NOT EMIT UV RADIATION
- CYANOSIS OBSERVATION INDEX (COI) COMPLIANT UNITS AVAILABLE









































PRODUCT INFORMATION

LENGTH WIDTH DEPTH 595mm 595mm 30mm

2835 SMD LEDs

Frosted PC or Prismatic (Low Glare) Aluminum alloy frame with steel backboard Default - Mount in T-Bar ceiling grid Recessed

with Plaster Frame Kit or Box Frame.

White -20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 220~240VAC DIMMABLE 0-10V, DALI or Tridonic LIFESPAN 50,000 hours (to L70 B10) 25W, 30W, 40W, POWER UGR 22 or >19 (Prismatic)

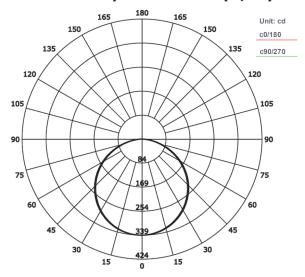
BEAM ANGLE 110° CRI 80

4,000K Natural White

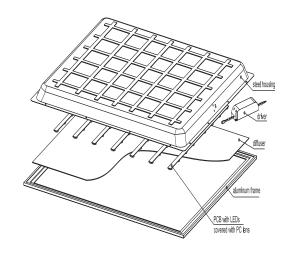
Note: Options for 3,000K Warm White, 5,000K Cool White or Prismatic (Low Glare) are available for projects that meet MOQ's.

BEAM ANGLE = 110°

Luminous Intensity Distribution Curve(cd/kim)



SCHEMATIC OF CORONABL-600S



E.G.CoronaBL-600S-W-NW plus CoronaBL-DriverFFT-30W-ND

PRODUCT	LENGTH	LENS	TRIM	CCT (Des	POWER ignated by LED Driver)
CoronaBL	- 6005	"Blank" (Frosted)	- W (White)	NW (Natural White)	25W
		'P" (Prismatic)			30W
					40W

DRIVER & POWER OPTIONS

DriverFF Tridonic (NonDim) 30W, 40W Driver-Dim (0-10V) 30W, 40W Driver-DALI 25W, 40W





: PRISMASTIC

: STANDARD



ULTRA SLIM BACKLIT PANEL LIGHTS















PRODUCT INFORMATION

MEASUREMENTS LENGTH WIDTH DEPTH 1,195mm 295mm 30mm

2835 SMD

Frosted PC or Prismatic (Low Glare) Aluminum alloy frame with steel

backboard

MOUNTING Default - Mount in T-Bar ceiling grid

Recessed with Plaster Frame Kit, Box

Frame.

White **OPERATING TEMPERATURE** -20°C to +45°C

TECHNICAL SPECIFICATIONS

220~240VAC 0-10V, DALI or Tridonic LIFESPAN 50,000 hours (to L70) POWER 25W, 30W, 40W 22 or >19 (Prismatic Lens)

BEAM ANGLE 110°

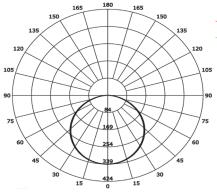
CRI 80

4,000K Natural White

Note: Options for 3,000K Warm White, 5,000K Cool White or Prismatic (Low Glare) are available for projects that meet MOQ's.

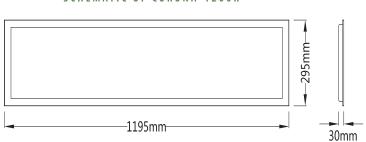
BEAM ANGLE = 110°

Luminous Intensity Distribution Curve(cd/klm)



Unit: cd c0/180 : PRISMASTIC c90/270 : STANDARD

SCHEMATIC OF CORONA-1200R



PRODUCT CODE BUILDER

E.G.CoronaBL-1200R-W-NW plus Corona-DriverFFT-30W-ND

PRODUCT	LENGTH	WIDTH	LENS	TRIM	ССТ		POWER d by LED Driver)
CoronaBL	- 1200	R(300)	"Blank" (Frosted)	- W (White)	NW (Natural	White)	25W
			"P" (Prismatic)				30W
							40W

DRIVER & POWER OPTIONS

DriverFF Tridonic (NonDim) 30W, 40W, Driver-Dim (0-10V) 30W, 40W, Driver-DALI 25W, 40W, 60W



















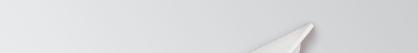














MEASUREMENTS LENGTH WIDTH DEPTH 1,195mm 295mm 30mm

2835 SMD

Frosted PC or Prismatic (Low Glare) Aluminum alloy frame with steel backboard MOUNTING Default - Mount in T-Bar ceiling grid Recessed with Plaster Frame Kit or Box Frame.

White -20°C to +45°C

TECHNICAL SPECIFICATIONS

220-240VAC 0-10V, DALI or Tridonic LIFESPAN 50,000 hours (to L70) POWER 25W, 30W, 40W 22 or >19 (Pristmatic Lens)

BEAM ANGLE 110° CRI 90

~3,970K Natural White

1.0

0 U T P U T Natural White

3,625lm

3,750lm 4,000lm

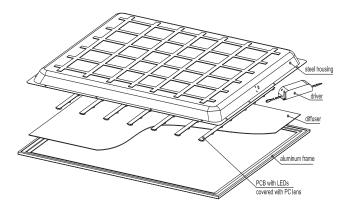
25 W

3 0 W

40 W

*CYANOSISOBSERVATIONINDEX(NATA LABORATORY CERTIFIED TO AS/NZS1680.2.5:1997)

SCHEMATIC OF CORONABL-600S-CY



PRODUCT CODE BUILDER

E.G. CoronaBL-600S-CY-W-NW plus Corona-DriverFFT-30W-ND

DIMENSIONS OF CORONABL-600SS-CY -595mm-30mm

POWER (Designated by LED Driver) CYANOSIS TRIM CCT CoronaBL 600S 'Blank" (Standard) - W (White) NW (Natural White) 25W 'P" (Prismatic) 30W 40W

DRIVER & POWER OPTIONS

DriverFF Tridonic (NonDim) 30W, 40W Driver-Dim (0-10V) 30W, 40W Driver-DALI 25W, 40W





























PRODUCT INFORMATION

MEASUREMENTS LENGTH WIDTH HEIGHT 1195mm 295mm 30mm

2835 SMD

Frosted PC or Prismatic (Low Glare) HOUSING Aluminum alloy frame with steel backboard MOUNTING Default - Mount in T-Bar ceiling grid Recessed

with Plaster Frame Kit or Box Frame.

White -20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 220~240VAC DIMMABLE 0-10V, DALI or Tridonic LIFESPAN 50,000 hours (to L70) POWER 25W, 30W, 40W **BEAM ANGLE** 110°

CRI 90

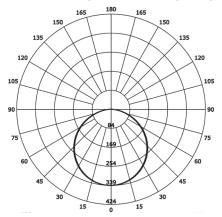
~3,970K Natural White

1.0

* CYA NOSISOBSER VATIONIN DEX (NATA LABORATORY CERTIFIED TO A S/NZS1680.2.5:1997)

BEAM ANGLE = 110°

Luminous Intensity Distribution Curve(cd/klm)



PRODUCT CODE BUILDER

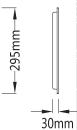
E.G. CoronaBL-1200R-CY-W-NW plus Corona-DriverFFT-30W-ND

0	U	T	P	U	Τ					
N	a	t	u	r a	ī	W	h	i	t e	

25 W 3,625lm 30W 3,750lm 40 W 4,000lm

SCHEMATIC OF CORONABL-1200R-CY





PRODUCT	LENGTH	LENS	CYANOSIS	TRIM	ССТ	POWER (Designated by LED Driver)
CoronaBL	1200R	'Blank" (Standard)	CY	- W (White)	NW (Natural White)	25W
		'P" (Prismatic)				30W
						40W

DRIVER & POWER OPTIONS

DriverFF Tridonic (NonDim) 30W, 40W Driver-Dim (0-10V) 30W, 40W Driver-DALI 25W, 40W







BACKLIT SENSOR PANELS

















PRODUCT INFORMATION



LENGTH





WIDTH

295mm



DEPTH

57mm

MEASUREMENT

1,195mm
LIGHT SOURCE SMD2835
LENS Frosted PC

HOUSING

Aluminum alloy frame with steel backboard

Default - Mount in T-Bar ceiling grid Recessed

with Plaster Frame Kit or Box Frame.

M White

OPERATING TEMPERATURE -20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 220~240VAC

DIMMABLE Yes, Sensor (Philips EasyAir SNS200)

FESPAN 50,000 hours (to L70)

 POWER
 36W

 BEAM ANGLE
 110°

 CRI
 >80

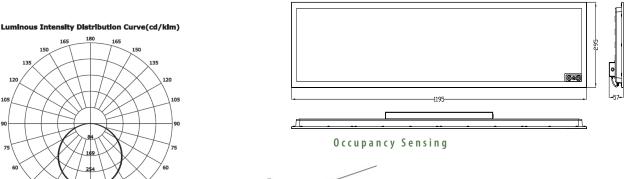
CCT ~4000K Natural White

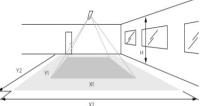
SENSOR CONTROL OPTIONS
OCCUPANCY SENSING
Minor Movement (Person moving < 0.9m/s)
Major Movement (Person moving > 0.9m/s)

Note: Options for 3,000K Warm White or 5,000K Cool White, Prismatic (Low Glare) or COI 1.0 are available for projects that meet MOQ's.

110 DEGREE BEAM ANGLE

SCHEMATIC OF CORONABL-S-1200RS





	<u>\$1</u>		Major Movement			
Height	Minor Mov	vement				
h	Y1	X1	Y2	X2		
2.4 m	2.9 m	2.7 m	4.5 m	2.9 m		
3 m	3.6 m	3.4 m	5.4 m	3.6 m		

 $E.G.\ Corona BL-S-1200 R-W-NW\ plus\ Phillips\ Xitanium\ 36W\ Driver$

PRODUCT	SENSOR	LENGTH	LENS	TRIM	ССТ
CoronaBL	S	1200R	'Blank' Standard	W	NW (Natural White)

DRIVER & POWER
Philips Xitanium 36W 0.3-1A 54V SR





PRODUCT CODE BUILDER





BACKLIT SENSOR PANELS





PRODUCT INFORMATION







WIDTH

595mm

Recessed with Plaster Frame Kit, Box



DEPTH

57mm

LENGTH 595mm SMD2835

Frosted PC Aluminum alloy frame with steel backboard MOUNTING Default - mount in T-Bar ceiling grid

White -20°C to +45°C

TECHNICAL SPECIFICATIONS

220~240VAC

Yes, Sensor (Philips EasyAir SNS200)

50,000 hours (to L70)

36W **BEAM ANGLE** 110° CRI >80

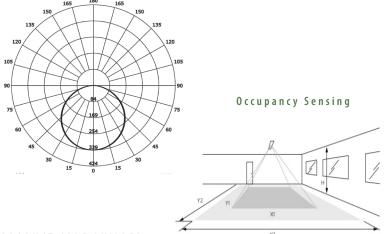
~4000K Natural White

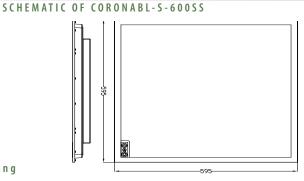
SENSOR CONTROL OPTIONS Occupancy or Daylight Base Control OCCUPANCY SENSING Minor Movement (Person moving < 0.9m/s) Major Movement (Person moving >0.9m/s)

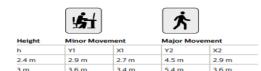
Note: Options for 3,000K Warm White or 5,000K Cool White, Prismatic (Low Glare) or COI 1.0 are available for projects that meet MOQ's.

110 DEGREE BEAM ANGLE

Luminous Intensity Distribution Curve(cd/kim)







PRODUCT CODE BUILDER

E.G. CoronaBL-S-600S-W-NW plus Phillips Xitanium 36W Driver

PRODUCT	SENSOR	LENGTH	LENS	TRIM	сст
CoronaBL	S	600S	'Blank' Standard	W	NW (Natural White)

DRIVER & POWER Philips Xitanium 36W 0.3-1A 54V SR















VEGA™ LED DOWNLIGHTS

OUR VEGA™ SERIES of LED downlights offers comprehensive solutions for virtually every downlight application.

New additions to this range include our thin-line Vega™ series, ideal for projects with limited clearance, and our new output and size options extend this series scope even further.

BENEFITS OF OUR RANGE

- ENERGY SAVINGS UP TO 80% COMPARED WITH TRADITIONAL **DOWNLIGHT SOLUTIONS**
- THE LATEST LED TECHNOLOGY FOR CONSISTENT LIGHT OUTPUT, COLOUR PERFORMANCE AND EXCELLENT COLOUR RENDERING
- DIMMABLE ON A VARIETY OF CONTROL SYSTEMS
- INTEGRATED TRANSFORMERS (STANDARD OR TRIDONIC™ OPTIONS)
- A TRUE 'FIT AND FORGET' SOLUTION, WITH EASY INSTALLATION AND A 35,000 HOUR LIFESPAN (TO L70) THAT SIGNIFICANTLY DECREASES THE NEED FOR COSTLY, TIME-CONSUMING LAMP MAINTENANCE AND REPLACEMENT
- AVAILABLE FOR VEET & IPART APPROVAL













SPOT ADJUSTABLE DOUBLE HINGED

















PRODUCT INFORMATION







148MM

190MM

CUT OUT RANGE

DIMENSIONS DIAMETER

DIAMETER DEPTH
4" 160MM 71MM
6" 200MM 101MM

Edison LED Chip Optical Grade Glass Aluminium

Silver, White, Black, Optional

LIGHT SOURCE LENS HOUSING TRIM

TECHNICAL SPECIFICATIONS

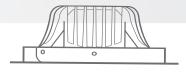
INPUT VOLTAGE
DIMMABLE OPTIONAL
LIFESPAN
POWER
BEAM ANGLE
CRI
CCT

85-265VAC, 50/60HZ Optional (with Tridonic™ Dali Dimming) 35,000 hours 28W, 38W

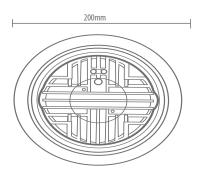
24° 90

6,000K Cool White 4,000K Natural White 3,000K Warm White

SCHEMATIC OF VEGA ADJUSTABLE 4"







OUTPUT

28W 38W C00L Efficacy 79 lm/W 79 lm/W WHITE Luminous Flux 2,200 lm 3,000 lm NATURAL 75 lm/W Efficacy 76 lm/W WHITE Luminous Flux 2,100 lm 2,900 lm WARM Efficacy 71 lm/W 73 lm/W WHITE Luminous Flux 2,000 lm 2,800 lm





Also available in single (28W or twin (58W) box fitting

PRODUCT CODE BUILDER

E.G. VEGASA-4W228W-ND

PRODUCT CODE	SIZE (INCH)	TRIM	BEAM ANGLE	POWER (W)	αт	DIMMING
VEGASA	-4	S (Silver)	2 (24 ⁰)	28	C (Cool White)	-ND (Non-Dimmable)
	-6	W (White)		38	N (Natural White)	-D (Dimmable)
		B (Black)			W (Warm White)	-TD (Tridonic Dali Dimmable)
		0 (Optional)				







DOWNLIGHTS



















PRODUCT INFORMATION

White

IP20









80MM

6"

DIMENSIONS

TRIM

IP RATING

CUT OUT RANGE DIAMETER DEPTH 100MM 78MM 128MM 88MM 100MM 190MM 105MM 150MM LIGHT SOURCE Nichia High Power LED LENS Frosted Optical Grade PC HOUSING Polycarbonate Secured with 3 Spring Clips

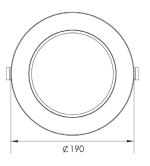
TECHNICAL SPECIFICATIONS

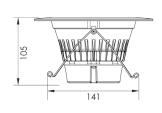
INPUT VOLTAGE 85-265VAC, 50/60HZ DIMMABLE OPTIONAL Optional (0/10V, DALI, Tridonic™) LIFESPAN 120,000 hours to L70 POWER 6W, 8W, 10W, 12W, 15W BEAM ANGLE 80°

CRI CCT ~5,000K Cool White >80 ~4,000K Natural White >80 ~3,000K Warm White >80

SCHEMATIC OF VEGA 6"







		5			_	
		6W	8W	10W	12W	15W
COOL	Efficacy	90 lm/W	90 lm/W	90 lm/W	100 lm/W	100 lm/W
WHITE	Luminous Flux	540 lm	720 lm	900 lm	1,200 lm	1,500 lm
NATURAL WHITE	Efficacy Luminous Flux	90 lm/W 540 lm	90 lm/W 720 lm			100 lm/W 1,500 lm
WARM WHITE	Efficacy Luminous Flux	90 lm/W 540 lm		90 lm/W 900 lm	100 lm/W 1,200 lm	100 lm/W 1,500 lm

3"

PRODUCT CODE BUILDER

E.G. VEGA-6W812N-ND

PRODUCT CODE	SIZE (INCH)	TRIM (MM)	BEAM ANGLE	POWER (W)	ССТ	DIMMING
VEGA	-3	W (White)	8 (80 ⁰)	6	C (Cool White)	-ND (Non-Dimmable)
	-4			8	N (Natural White)	-D (Dimmable)
				10	W (Warm White)	-DD (DALI Dimmable)
	-6			12		-TD (Tridonic-DALI Dimmable)
				1.5		











CYLLENE™ LED LIGHT RANGE

OUR CYLLEE™ SERIES presents an ideal replacement for traditional interior lighting technology. Our Cyllene lighting range provides excellent light output with the inherent benefits of LED technology.

BENEFITS OF OUR RANGE

- USES ~50% LESS ELECTRICITY THAN
- LASTS ON AVERAGE 3 TIMES AS LONG AS
- IS AVAILABLE IN A VARIETY OF POWER, SIZES & DESIGNS TO SUIT ANY APPLICATION
- GENERATES VERY LITTLE HEAT WHICH REDUCES LOAD ON AIR-CONDITIONING, LESSENS FIRE RISK AND IMPROVES SAFETY.
- DOES NOT REQUIRE BALLASTS FURTHER REDUCING ENERGY COST AND FIXTURE WEIGHT
- DOES NOT CONTAIN MERCURY (Hg)
- DOES NOT EMIT UV RADIATION













DECORATIVE LED LUMINAIRE

















PRODUCT INFORMATION











_		L	ı,	_	_	ı.	_	

12W 280mm 42mm 163mm 18W 360mm 46mm 212mm 24W 420mm 46mm 212mm

WEIGHT 1.05 - 1.25kg

HOUSING Aluminium with Frosted PC INNER DISC COLOUR Silver, White, Black, Red or Orange

IP RATING IP44 -20°C to +45°C

MOUNTING

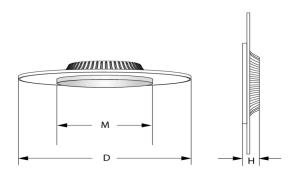
Wall/Ceiling Mount or Suspended

TECHNICAL SPECIFICATIONS

90-264V and 50/60Hz DIMMABLE OPTIONAL Optional LIFESPAN 50,000 hours POWER 12W, 18W, 24W BEAM ANGLE 360° Up & Down POWER FACTOR >0.95 CRI >80 ~5,700K Cool White

~4,000K Natural White ~3,000K Warm White

SCHEMATIC OF CYLLENE HALO



OUTPUT

COOL WHITE	Efficacy Luminous Flux	12W 110 lm/W 1,320 lm	18W 110 lm/W 1,980 lm	24W 110 lm/W 2,640 lm
NATURAL	Efficacy	100 lm/W	100 lm/W	100 lm/W
WHITE	Luminous Flux	1,200lm	1,800 lm	2,400 lm
WARM	Efficacy	90 lm/W	90 lm/W	90 lm/W
WHITE	Luminous Flux	1,080 lm	1,620 lm	2,160 lm

PRODUCT CODE BUILDER

E.G. CYLLENE-H18WN-S-ND-W

PRODUCT CODE	POWER (W)	ССТ	COVER COLOUR	DIMMING	MOUNTING
CYLLENE-H	12W	C (Cool White)	-S (Silver)	-ND (Non-Dimmable)	-W (Wall/Ceiling Mount)
	18W	N (Natural White)	-W (White)	-D (Dimmable)	-S (Suspended)
	24W	W (Warm White)	-B (Black)	-DD (DALI Dimmable)	
			-R (Red)	-TD (Tridonic Dimmable)	
			-0 (Orange)		





















PRODUCT INFORMATION







Inner Disc

WEIGHT HOUSING INNER COLOUR IP RATING

OPERATING TEMPERATURE MOUNTING

Diamater Depth 26W/36W 380mm 88mm 2.5kg

221mm Aluminium with Frosted PC Silver, White, Red or Black

IP20 -20°C to + 60°C Suspended

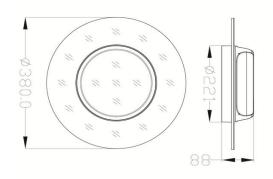
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE DIMMABLE OPTIONAL LIFESPAN POWER BEAM ANGLE POWER FACTOR CRI

90-264V and 50/60Hz Optional 50,000 hours 26W, 36W 360° Up & Down >0.95

> ~5,700K Cool White ~4,000K Natural White ~3,000K Warm White

SCHEMATIC OF CYLLENE HALO DIRECT



OUTPUT

		26W	36W
COOL	Efficacy	100 lm/W	96 lm/W
WHITE	Luminous Flux	2,600 lm	3,450 lm
NATURAL	Efficacy	92 lm/W	90 lm/W
WHITE	Luminous Flux	2,400 lm	3,250 lm
WARM	Efficacy	85 lm/W	85 lm/W
WHITE	Luminous Flux	2,200 lm	3,050 lm

PRODUCT CODE BUILDER

E.G. CYLLENE-HD26WN-S-ND

PRODUCT CODE	POWER (W)	ССТ	INNER COLOUR	DIMMING	
CYLLENE-HD	-26W	C (Cool White)	-S (Silver)	-ND (Non-Dimmable)	
	-36W	N (Natural White) W (Warm White)	-W (White) -B (Black)	-D (Dimmable) -DD (DALI Dimmable)	
		W (Wallin Willie)	-R (Red)	-TD (Tridonic Dimmable)	







WATER PROOF EXTERNAL LED LUMINAIRE



















PRODUCT INFORMATION









SQUARE 315mm 99mm CIRCULAR 315mm 99mm 315mm

HOUSING Frosted Plastic with Mounting Base Circular (standard) or Square

FRAME COLOUR Silver IP RATING IP65 MOUNTING Surface Mount

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE DIMMABLE OPTIONAL LIFESPAN POWER BEAM ANGLE

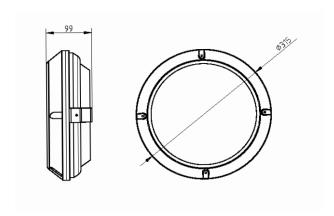
90-264VAC, 50/60Hz Optional 50,000 hours 18W, 24W 180°

~5,000K Cool White >65 (CRI)

~4,000K Natural White >75 (CRI) Standard

~3,000K Warm White >80 (CRI)

SCHEMATIC OF CIRCULAR EXTERNAL OYSTER



0 U T P U T

		18W	24W
COOL	Efficacy	95 lm/W	95 lm/W
WHITE	Luminous Flux	1,710 lm	2,280 lm
NATURAL	Efficacy	92 lm/W	92 lm/W
WHITE	Luminous Flux	1,655 lm	2,200 lm
WARM	Efficacy	85 lm/W	85 lm/W
WHITE	Luminous Flux	1,530 lm	2,040 lm

PRODUCT CODE BUILDER

E.G. CYLLENE-EXT-S18W-N180-ND

PRODUCT CODE	TYPE	POWER (W)	ССТ	BEAM ANGLE	DIMMABLE
CYLLENE-EXT	-SQ	-S18W	-C (Cool White)	180	-ND (Non-Dimmable)
		-S24W	-N (Natural White)	-D (Dimmable)
			-W (Warm White)		-TD (Tridonic Dimmable)







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