



EmpyreanTM
LIGHTING

2025/2026
Collection

Welcome to the 2025/26 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 design 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 in-depth 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.



Sunshine Coast University Stadium. QLD



Glencore Xstrata MacArthur River Mine, NT



Morwell Bowls Club, VIC



Bondi Beach, Sydney NSW

AndromedaTM c

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 pixel rails.

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™ Turtle Safe

HIGH POWERED LUMINAIRES



PRODUCT INFORMATION



PRODUCT CODE	Andromeda-C-PoleMTS
INGRESS PROTECTION	IP66
LIGHT SOURCE	High Power LED Chips
LENS	Customisable*
HOUSING	6063 Aluminium (Marine Grade)**
HOUSING COLOUR	Silver, White, Black, Custom

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	85V-264VAC, 50/60Hz***
LIFESPAN	50,000 hours
POWER	20W - 320W
WAVELENGTH	588nm - 592nm
POWER FACTOR	>0.95
OPERATING TEMPERATURE	-25°C to +55°C
CCT	~2,500K Amber

*FOR LENS OPTIONS SEE ANDROMEDA LIST

** COMES WITH 304SS BOLTS & COMPONENTS.

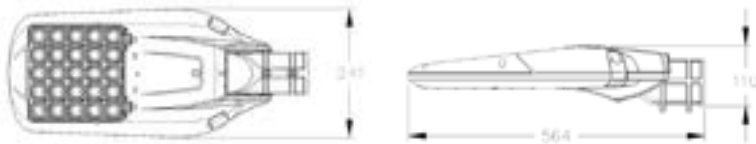
*** INPUT OPTIONS 24V DC (SOLAR), 347V AC, 415V AC

FEATURES

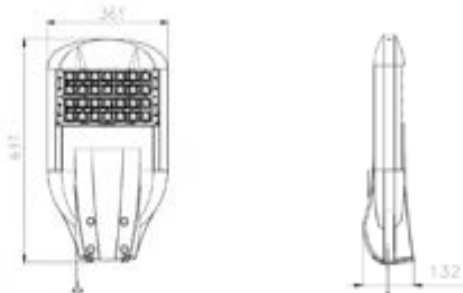
- PEAK INTENSITY MEETS EPA GUIDELINES OF 588NM - 592NM FOR TURTLE SENSITIVE AREAS
- SINGLE CHIP TECHNOLOGY - NO COLOUR MIXING
- TESTED AT MON REPOS TURTLE HATCHERY IN 2014
- AVAILABLE IN ALL ANDROMEDA™ STANDARD STYLES INCLUDING P4 & P5 STREETLIGHTING



SCHEMATIC OF 30W /40W



SCHEMATIC OF ANDROMEDA C POLE 70W & 85W



TECHNICAL SPECIFICATIONS

WATTS	LUMENS
20W	760 lm
25W	950 lm
30W	1,140 lm
40W	1,520 lm
45W	1,710 lm
70W	2,660 lm
85W	3,230 lm
110W	4,180 lm
125W	4,750 lm
140W	5,320 lm
165W	6,080 lm
180W	6,840 lm
210W	7,980 lm
250W	9,500 lm
320W	12,160 lm



Andromeda C Pole Mount

SMALL CERAMIC POLE MOUNT LED LUMINAIRES

NICHIA HIGH POWER 90-305VAC SHOCK RESISTANT IP66 RATING 70 CRI L70 50,000 HRS 0.95 POWER FACTOR



PRODUCT INFORMATION

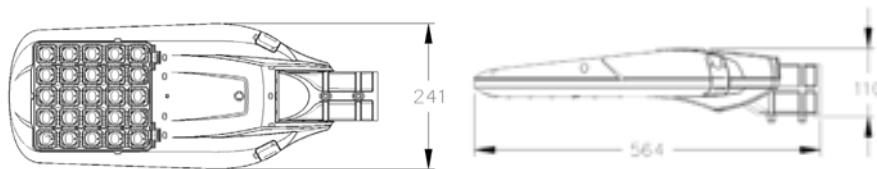
LIGHT SOURCE	Nichia High Power LED
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails ST12
BRACKET MATERIAL	Pole Mount 60mm Diameter
BRACKET TYPE	Silver, White, Black
FRAME COLOUR	IK10
MECHANICAL IMPACT RESISTANCE	IP66
IP RATING	-40°C to 70°C
OPERATING TEMP	

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard)
DIMMABLE	Non-dimmable standard
LIFESPAN	50,000 hours to L70
POWER	20W, 25W, 30W
POWER FACTOR	0.95
BEAM ANGLE	Customisable - Refer to lens options page IESNA Type I,II,III, IV & V distribution
LUMINOUS EFFICACY	120 lm/W (Cool & Natural White) 110lm/W (Warm White)
CCT	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

TYPICAL APPLICATIONS



Andromeda™ C Pole Mount

CERAMIC POLE MOUNT LED LUMINAIRE

NICHIA HIGH POWER 90-305VAC SHOCK RESISTANT IP66 RATING 70 CRI L70 50,000 HRS 0.95 POWER FACTOR



PRODUCT INFORMATION

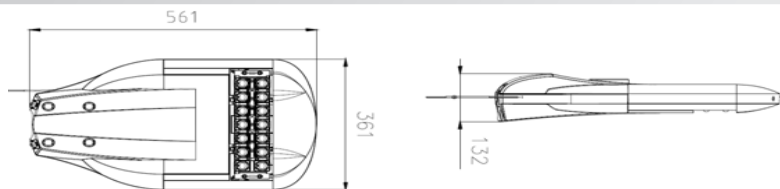
LIGHT SOURCE	Nichia High Power LED
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails ST12
BRACKET MATERIAL	Pole Mount 60mm Outer Diameter with Adjustable Angle Mount -10° to 15° & Secure Point Cable
BRACKET TYPE	Silver, White
FRAME COLOUR	IK10
MECHANICAL IMPACT RESISTANCE	IP66
IP RATING	-40°C to 70°C
OPERATING TEMP	

TECHNICAL SPECIFICATIONS

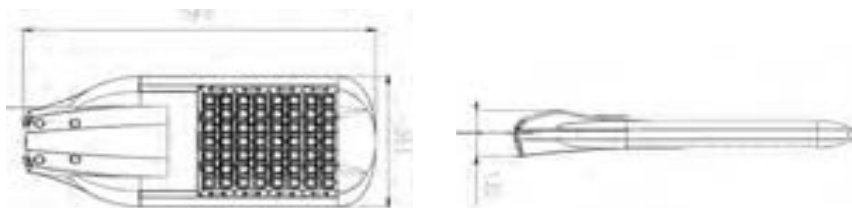
INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard)
DIMMABLE	Non-dimmable standard
LIFESPAN	60,000 hours to L70 B10
POWER	40W - 250W
POWER FACTOR	0.95
BEAM ANGLE	Distribution Ranges - Refer to lens options page IESNA Type I,II,III, IV & V distribution
LUMINOUS EFFICACY	120 lm/W
CCT	5,000-5,500K Cool White >70 (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 - ~4000K Natural White & ~3000K Warm White.

SCHEMATIC OF ANDROMEDA C POLE 70W & 85W



SCHEMATIC OF ANDROMEDA C POLE 140W & 160W



TYPICAL APPLICATIONS



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™ Solar

POLE MOUNT SOLAR LIGHT

LUMILEDS HIGH POWER 85-264VAC SHOCKRESISTANT IP66 RATING 80 CRI L70 50,000 HRS PFO.9



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



PRODUCT INFORMATION

LIGHT SOURCE	Lumileds
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails Separate box to be housed on or in the pole ST12
BATTERY HOUSING	
BRACKET MATERIAL	ST12
BRACKET	Made to suit existing pole mount diameter to hold solar panel & pole mount luminaire
FRAME COLOUR	Grey
MECHANICAL IMPACT RESISTANCE	IK08 (Bracket & Frame Only)
IP RATING	IP66

LUMINAIRE SPECIFICATIONS

INPUT VOLTAGE	42VDC
DIMMABLE	Yes -comes with Controller to monitor Solar PV input, Battery charge, allows programming & testing with remote control for multiple daily light output settings.
LIFESPAN	50,000 hours to L70
POWER	25W, 40W, 70W
POWER FACTOR	0.95
BEAM ANGLE	Customisable -see Andromeda C Lens page for options
LUMINOUS EFFICACY	120lm/W
CCT	5,000 Cool White >70 (CRI) Standard *Also available in 4,000K Natural White, 3000K - Warm White and 2500K Amber (Turtle Safe)

SCHEMATIC OF 25W POLE MOUNT LUMINAIRE



SOLAR PANEL & BATTERY SPECIFICATIONS

	PoleMS-25W	PoleMS-70W
POWER CONSUMPTION	25W	70W
SOLAR PANEL POWER GENERATION	120W	180W
BATTERY RATING	100AH; 12.8V LIFEP04	200AH; 12.8V LIFEP04
BATTERY LIFESPAN	2000 Cycles	2000 Cycles
OPERATING HOURS	Up to 40hrs in dim mode	Up to 40hrs in dim mode
BATTERY CHARGING TIME	7hrs (full sun)	7hrs (full sun)

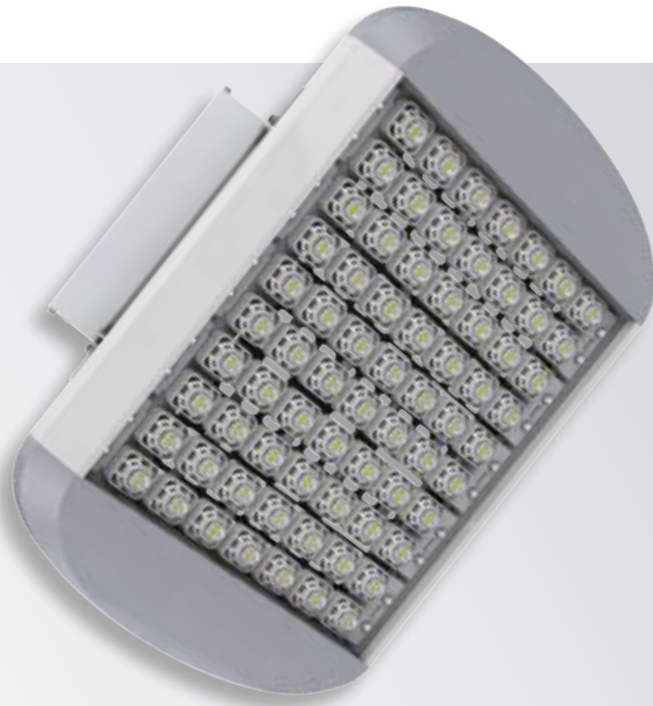
TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT* (LUMENS)
Andromeda-C-PoleMS-25+Solar	25W	3,000
Andromeda-C-PoleMS-40+Solar	40W	4,800
Andromeda-C-PoleMS-70+Solar	70W	8,400

Andromeda C Flood

CERAMIC LED FLOODLIGHT



PRODUCT INFORMATION

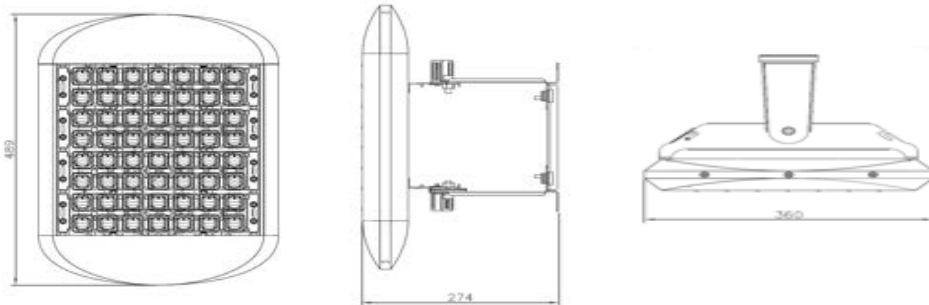
LIGHT SOURCE	Nichia High Power LED
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails ST12
BRACKET MATERIAL	Wall Mount, Surface Mount, Suspended (Hook)
BRACKET TYPE	Wall Mount, Surface Mount, Suspended (Hook)
FRAME COLOUR	Silver, White, Black
MECHANICAL IMPACT RESISTANCE	IK08 (Bracket & Frame Only)
IP RATING	IP66
OPERATING TEMP	-40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard)
DIMMABLE	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
LUMINOUS EFFICACY	120 lm/W
CCT	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 - ~4000K Natural White & ~3000K Warm White.

SCHEMATIC OF ANDROMEDA C FLOOD 140W & 165W



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-Flood-480	480W	52,000	850mA	945	360	274	16.5kg

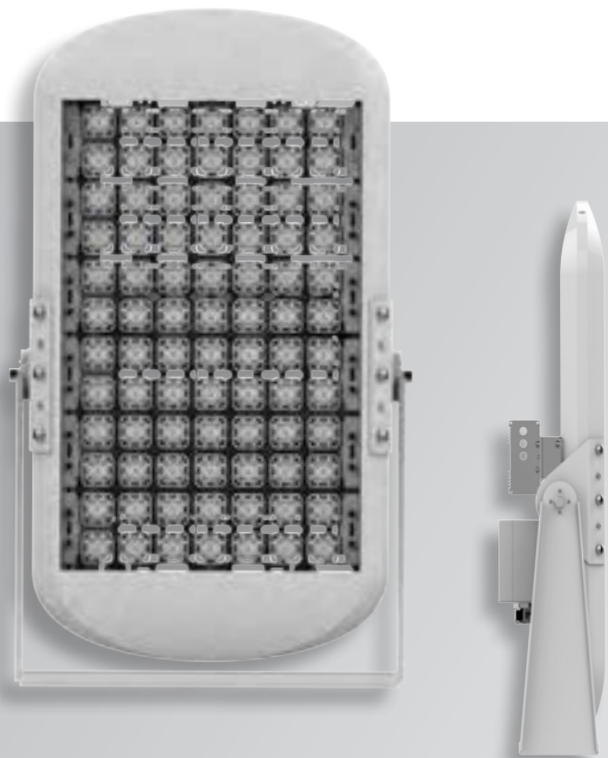
TYPICAL APPLICATIONS



Andromeda™ C High Mast

CERAMIC LED HIGH MAST LUMINAIRE

NICHIA ⚡ 🔧 IP66 70 L70 0.95 ♻️
 HIGH POWER 90-305VAC SHOCKRESISTANT RATING CRI 50,000 HRS POWER FACTOR
    



PRODUCT INFORMATION

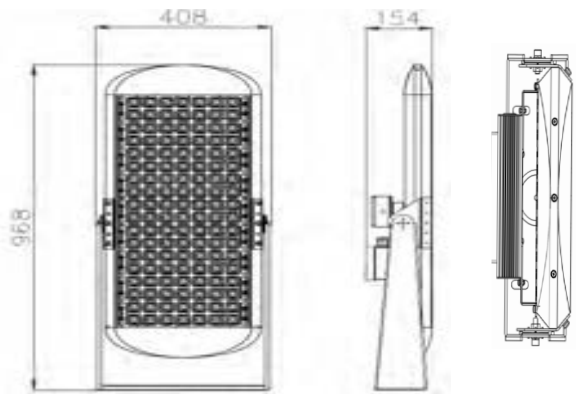
LIGHT SOURCE	Nichia High Power LED
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails
BRACKET MATERIAL	ST12
BRACKET TYPE	Trunnion Arm
FRAME COLOUR	Silver, White, Black
MECHANICAL IMPACT RESISTANCE	IK10
IP RATING	IP66
OPERATING TEMP	-40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard), Varying input available from 24V DC to 480V.
DIMMABLE	Non-dimmable standard
LIFESPAN	60,000 hours to L70 B10
POWER	140W - 410W
POWER FACTOR	0.95
BEAM ANGLE	Distribution Ranges - Refer to lens options page
LUMINOUS EFFICACY	IESNA Type I,II,III, IV & V distribution
CCT	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



TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-HMast-140	140W	16,800	800mA	516	408	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	250W	30,000	800mA	743	408	154	13.0kg
Andromeda-C-HMast-280	280W	33,600	800mA	819	408	154	14.9kg
Andromeda-C-HMast-320	320W	38,400	800mA	892	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 90-305VAC SHOCK RESISTANT IP66 RATING 70 CRI L70 50,000 HRS 0.97 POWER FACTOR



PRODUCT INFORMATION

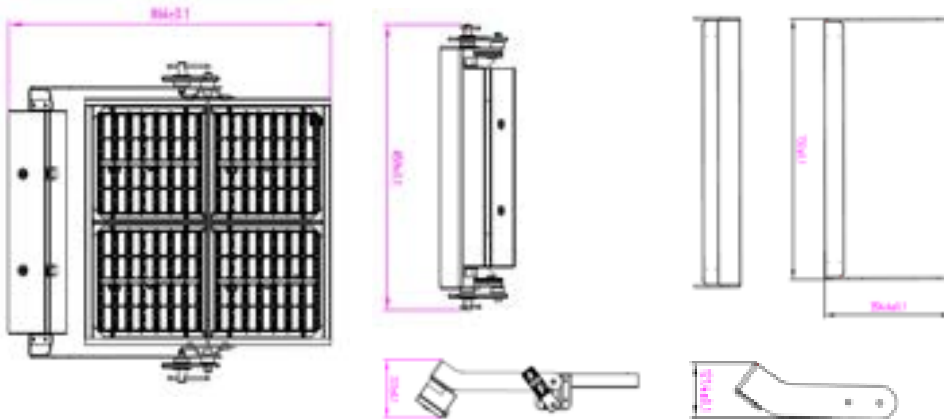
LIGHT SOURCE Nichia High Power LED
HOUSING 6063 Aluminium (Marine Grade)
BRACKET MATERIAL Ceramic Diode Seat with Polycarbonate Pixel Rails
BRACKET TYPE ST12
FRAME COLOUR Trunnion Arm
MECHANICAL IMPACT RESISTANCE Silver, White, Black
DRIVER MOUNTING IK10
IP RATING 4 x Drivers per Light. Remote mounted at base of pole internally. Optional external waterproof enclosure for exterior pole mounting.
OPERATING TEMP IP66
 -40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 90-305VAC, 50/60Hz (Standard), Varying input available from 24V DC to 480V.
DIMMABLE Non-dimmable standard
LIFESPAN 60,000 hours to L70 B10
POWER 1000W
POWER FACTOR 0.97
BEAM ANGLE Distribution Ranges - Refer to lens options page
LUMINOUS EFFICACY IESNA Type I,II,III, IV & V distribution
 135 lm/W
CCT 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. CCT Options - ~4000K Natural White & ~3000K Warm White. Shielding can be added to all sides if required.

SCHEMATIC OF ANDROMEDA C HMAST 1000W + BRACKET



Luminaire & Bracket - 36kg |

Optional IP65 Driver Box* - 15.5kg
 *Drivers can be mounted remotely

PRODUCT CODE	POWER	OUTPUT (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-HMast-1000	1000W	131,000 - 135,000	800mA	866	859	222	51.5 kg

TYPICAL APPLICATIONS



Andromeda C LinearTri Motion

CERAMIC LED CARPARK / STAIRWELL LUMINAIRE



PRODUCT INFORMATION

LIGHT SOURCE	Nichia High Power LED
HOUSING	ADC12 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails SGCC
BRACKET MATERIAL	
BRACKET TYPE	Wall Mount or Surface Mount
FRAME COLOUR	Silver RAL 9006
MECHANICAL IMPACT RESISTANCE	IK10
IP RATING	IP66
OPERATING TEMP	-40°C to 55°C

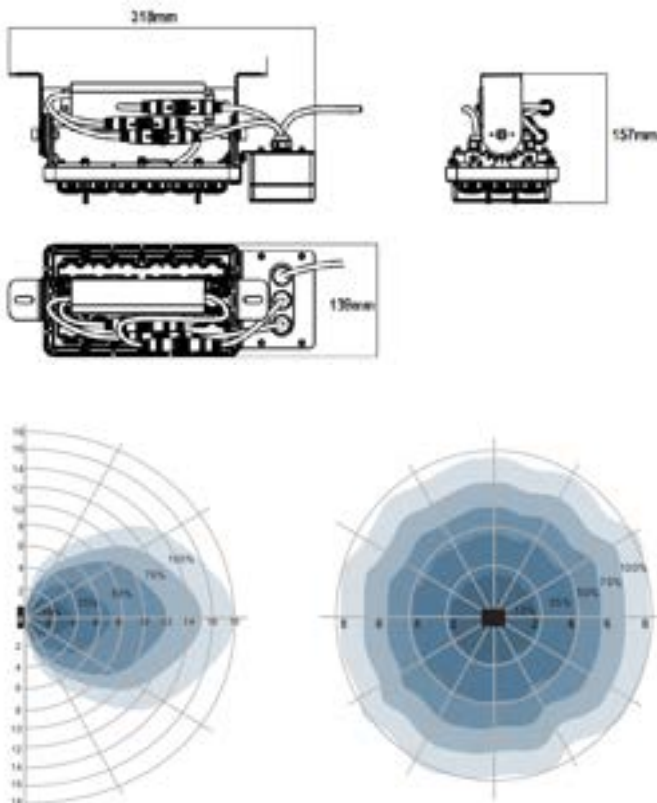
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard)
DIMMABLE	Yes
MOTION SENSOR	Microwave
OPERATING INTERVAL	15 secs to 10 mins
LIFESPAN	125,000 hours to L70
POWER	30W & 40W
POWER FACTOR	0.95
BEAM ANGLE	60°, 90°, 120°, 150°
LUMINOUS EFFICACY	130 lm/W
CCT	5,000 Cool White
CRI	>70 Standard

Additional Options for powers and ~4000K Natural White & ~3000K Warm White please enquire directly to Emyprean for more information on MOQ's.



SCHEMATIC OF ANDROMEDA C LINEAR MOTION SENSOR 40W



FEATURES

- INCREASED SAVINGS WITH SENSOR TECHNOLOGY
- MAINTAINED SECURITY LEVELS (PARTICULARLY FOR CAMERAS)
- SUITABLE FOR GENERAL PARKING, AISLES, RAMPS, BAYS, LIFTS, FOYERS & STAIRWELLS
- CUSTOMISABLE SENSOR SETTINGS TO SUIT APPLICATION
- AVAILABLE FOR ANY POWER OR CCT ANDROMEDA CERAMIC LINEAR LUMINAIRE

MICROWAVE MOTION SENSOR

RATED LOAD	800W (inductive), 1,200W (resistive)
HF SYSTEM	5.8GHz +- 75Mhz, ISM wave band
TRANSMITTING BAND	<0.5mW
POWER CONSUMPTION	<0.5W (Standby), <1W (Operation)
DETECTION ZONE	Max (D x H): 16m x 15m 2.7m = 8m Diameter Radius (brock?)
DETECTION SENSITIVITY	10% / 50% / 75% / 100%
HOLD TIME	10s / 30s / 90s / 3min / 20min / 30min
DAYLIGHT SENSOR	2lux / 5lux / 10lux / 25lux / 50lux / Disable
STANDBY PERIOD	0s / 5s / 5min / 10min / 30min / 1h / + ∞
STANDBY DIMMING LEVEL	10% / 20% / 30% / 50%
MOUNTING HEIGHT	15m Max
MOTION DETECTION	0.5m~3m/s
DETECTION ANGLE	150° (Wall Installation) 360° (Ceiling Installation)
OPERATING TEMPERATURE	-50°C to 55°C

Andromeda C LinearT

CERAMIC LED LINEAR FLOODLIGHTS

LED ⚡ 🔧 IP66 >70 L70 0.95 ♻️
 HIGH POWER 90-305VAC SHOCK RESISTANT RATING CRI 50,000 HRS POWER FACTOR



PRODUCT INFORMATION

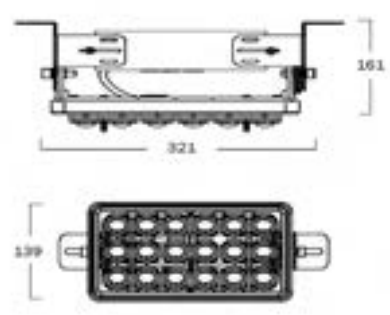
LIGHT SOURCE	High Power LED Chips
HOUSING	ADC12 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails
BRACKET MATERIAL	SGCC
BRACKET TYPE	Wall Mount or Surface Mount
FRAME COLOUR	Silver RAL 9006
MECHANICAL IMPACT RESISTANCE	IK10
IP RATING	IP66
OPERATING TEMP	-40°C to 55°C

TECHNICAL SPECIFICATIONS

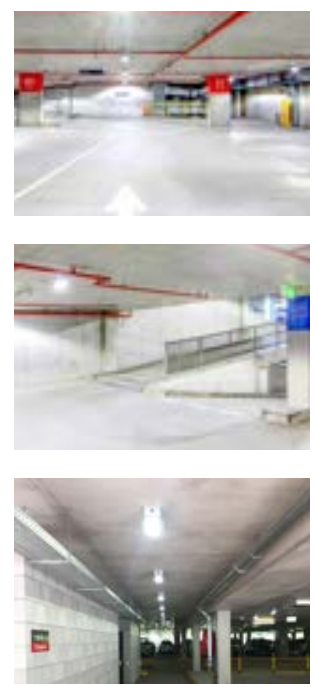
INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard)
DIMMABLE	Non-dimmable standard
LIFESPAN	125,000 hours to L70
POWER	20W - 150W
POWER FACTOR	0.95
BEAM ANGLE	60°, 90°, 120°, 150°
LUMINOUS EFFICACY	130 lm/W
CCT	5,000K Cool White
(CRI)	>70 Standard

*Additional Options - Dimmable with 0-10V or DALI, Low input voltage (24V DC), Lens types & CCT Options - ~4000K Natural White & ~3000K Warm White.
Please enquire directly to Empyrean for more information on MOQ's.*

SCHEMATIC OF CERAMIC LINEAR T (80W)



TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT* (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-LinearT-20	20W	2,600	760mA	261	139	153	1.8kg
Andromeda-C-LinearT-30	30W	3,900	760mA	261	139	153	1.8kg
Andromeda-C-LinearT-40	40W	5,200	760mA	261	139	153	1.9kg
Andromeda-C-LinearT-60	60W	7,800	700mA	321	139	161	2.0kg
Andromeda-C-LinearT-70	70W	9,100	700mA	321	139	161	2.0kg
Andromeda-C-LinearT-80	80W	10,400	700mA	321	139	161	2.0kg
Andromeda-C-LinearT-100	100W	13,000	660mA	428	145	161	3.0kg
Andromeda-C-LinearT-120	120W	15,600	700mA	428	145	161	3.0kg
Andromeda-C-LinearT-150	150W	19,500	700mA	540	145	161	3.6kg

Andromeda C LinearP

CERAMIC LED POULTRY LIGHTING

LED ⚡ 🔧 IP66 >80 L70 0.95 ♻️
 HIGH POWER 90-305VAC SHOCKRESISTANT RATING >80 CRI 50,000 HRS L70 POWER FACTOR & 24-48v DC



PRODUCT INFORMATION

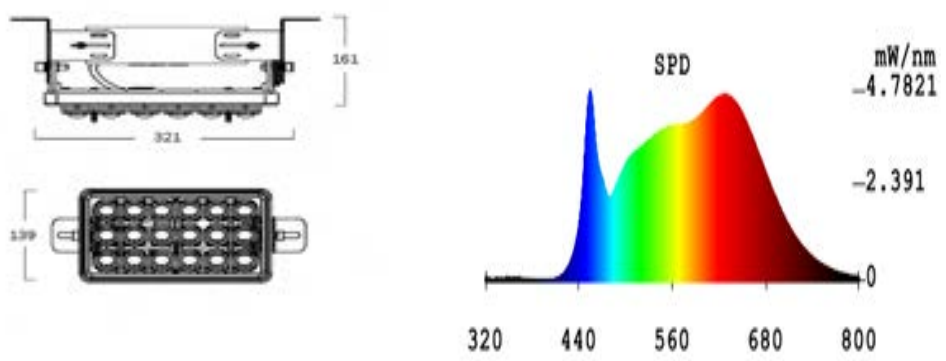
LIGHT SOURCE	High Power - Full Spectrum LED Chips
HOUSING	ADC12 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails SGCC
BRACKET MATERIAL	Wall Mount, Surface Mount or Hook Mount
BRACKET TYPE	Silver RAL 9006
FRAME COLOUR	IK10
MECHANICAL IMPACT RESISTANCE	IP66
IP RATING	-40°C to 55°C
OPERATING TEMP	

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz (Standard) 24-48v DC
DIMMABLE	0-10v Dimmable
LIFESPAN	125,000 hours to L70
POWER	20W, 40W & 60W
POWER FACTOR	0.95
BEAM ANGLE	150°
LUMINOUS EFFICACY	100 lm/W Post Optics
CCT	Full Spectrum 4,000K
(CRI)	>80 Standard

**Please enquire directly to Emyprean for more information on MOQ's.*

SCHEMATIC OF CERAMIC LINEAR P (60W)



TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT* (LUMENS)	INPUT CURRENT (mA)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
Andromeda-C-LinearP-20	20W	2,000	760mA	261	139	153	1.8kg
Andromeda-C-LinearP-40	40W	4,000	760mA	261	139	153	1.9kg
Andromeda-C-LinearP-60	60W	6,000	700mA	321	139	161	2.0kg

STREET/PATH LIGHTING

LENS KB: 145° - 48°



LENS K16: 150° - 50°



LENS K05: 150° - 60°



LENS K01: 148° - 91°



LENS K21: 147° - 70°



LENS K30: 148° - 68°



LENS K24: 154° - 78°



LENS K10: 147° - 23°



IESNA Types

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

GENERAL LIGHTING

LENS K29: 30°



LENS LE: 61°



LENS K81: 102°



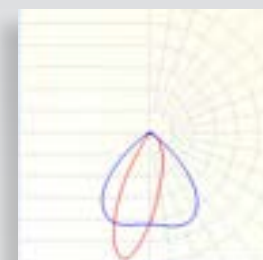
LENS K14: 132°



LENS K18: 146°



LENS K64: 92° - 28°



TUNNEL LIGHTING

LENS K13: 135° - 60°



LENS TM: 144° - 79°



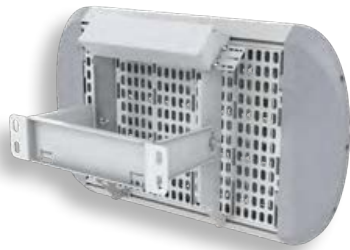
Andromeda™ C Mounting Options

CERAMIC LUMINAIRES

FLOOD

Standard (Wall Mount)

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



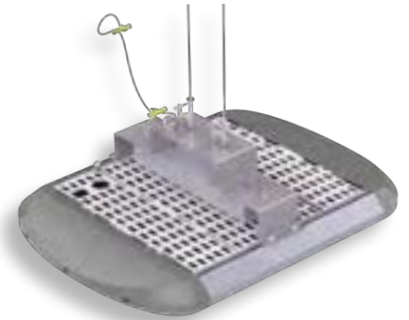
Canopy (Surface Mount)

Flat surface bracket for mounting directly to ceiling, stud or wall. 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.



Rod Mount

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



Slip Fit

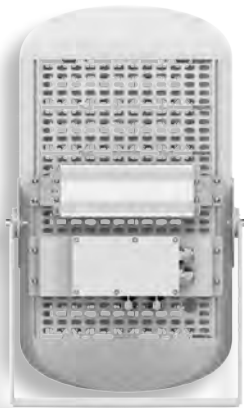
Pole fitted sleeve for Andromeda Flood units. Non adjustable. 60mmOD Pole/Arm Spigot not included. Bracket material options - ST12, 304SS, 316SS.



HIGH MAST

Trunnion

Heavy duty adjustable trunnion mount for High Mast luminaire. 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 DISCUSS REQUIREMENTS

Andromeda™ C Mounting Options

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

NebulaTM

WALL WASHERS





NEBULA™ LED SERIES

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 ELECTRICITY 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



Nebula™ Multi

VERSATILE LED LUMINAIRE



PRODUCT INFORMATION

MEASUREMENTS

	Length	Width	Depth	Weight
20W	209mm	152mm	129mm	3.5kg
40W	209mm	152mm	129mm	4.5kg

LIGHT SOURCE

Nichia High Power LED

HOUSING

Aluminium alloy and adjustable mounting bracket

BRACKET MATERIAL

ST12

MOUNTING

Standard bracket for wall/ceiling mount

FRAME COLOUR

Silver

IP RATING

IP66

OPERATING TEMP

-40°C to 55°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

85-277VAC, 50/60Hz or 24VDC

DIMMABLE OPTIONAL

5-100%, RGB with DMX 512

LIFESPAN

50,000 hours

EFFICACY

100lm/W

POWER

20W, 40W

BEAM ANGLE

10°, 40°, 40° Elongated

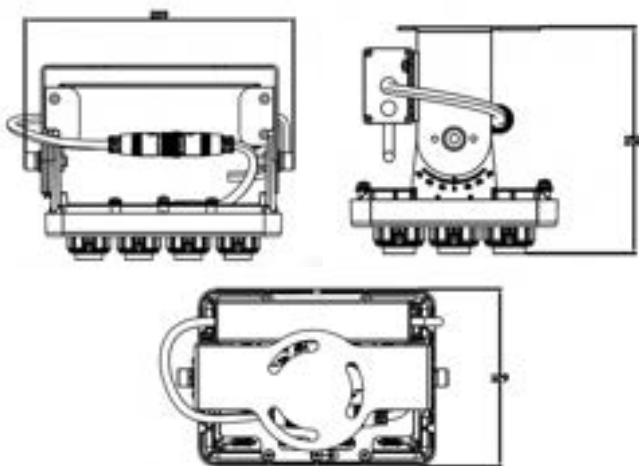
CCT

5,000-5,500K Cool White*

4,000-4,500K Natural White

2,700-3,000K Warm White RGB

SCHEMATIC OF MULTI 20W



PRODUCT CODE BUILDER

E.G. NEBULA-M40W-40CW-S

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

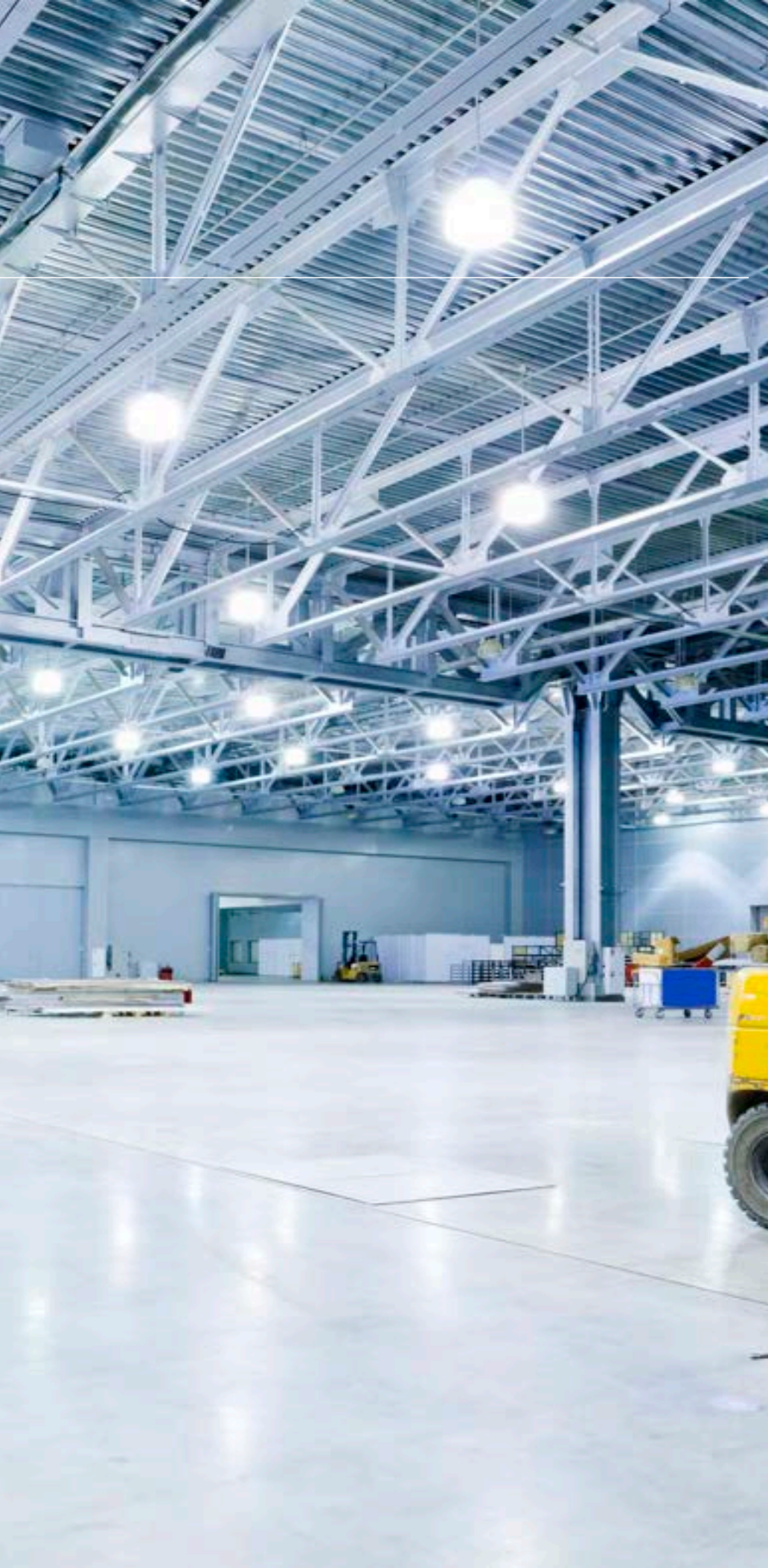
TYPICAL APPLICATIONS





PolarisTM

HIGH BAY LED SERIES



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)
- IP66
- LOW INRUSH & OPERATING CURRENTS
- NO HARMFUL OR TOXIC SUBSTANCES (NO HG)
- RECYCLABLE
- DOES NOT REQUIRE UV BLOCKING FILTERS



Polaris™ High Bay

HIGH INTENSITY LED LIGHTS



PRODUCT INFORMATION



WEIGHT RANGE	1.4kg to 2.4kg
LIGHT SOURCE	Nichia High Power LED
HOUSING	Ceramic Diode Seat with Polycarbonate Pixel
BRACKET MATERIAL	Carbon Steel
MOUNTING OPTIONS	Suspended (Standard 1 Hook) or Ceiling Mount available
FRAME COLOUR	Black, White
CONTROL	0-10V, DALI
MECHANICAL IMPACT RESISTANCE	IK10
IP RATING	IP65
OPERATING TEMP	-25°C to 50°C

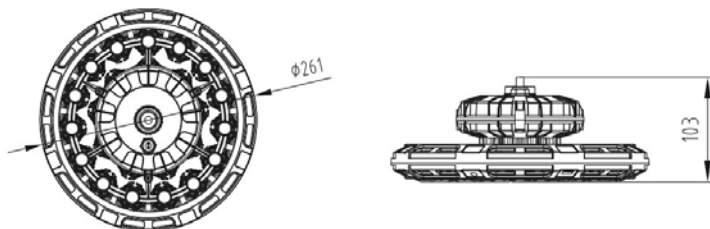
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	176~264VAC, 50/60Hz
DIMMABLE OPTIONAL	Yes, 0-10V or DALI
LIFESPAN	50,000 hours to L70
POWER	100W, 150W, 200W
BEAM ANGLE	60°, 90°, 120°
LUMINOUS EFFICACY	150 lm/W
CCT	5,000K Cool White* 4,000K Natural White 3,000K Warm White*

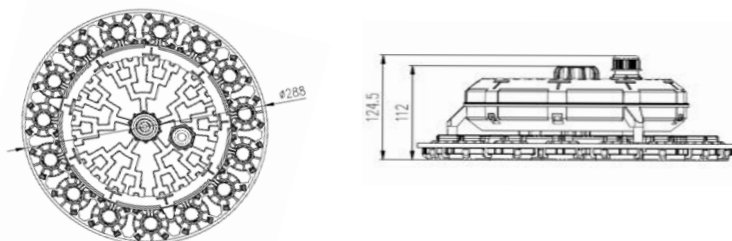
* FIGURES REPRESENTED IN LUMEN OUTPUT TABLE BELOW AT 5,000K

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

SCHEMATIC OF POLARISHB-C-100W



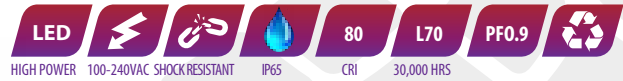
SCHEMATIC OF POLARISHB-C-200W



TYPICAL APPLICATIONS



PRODUCT CODE (LUMENS)	POWER (MM)	OUTPUT* (MM)	DIAMETER	DEPTH	Weight
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



PRODUCT INFORMATION

WEIGHT RANGE	0.87kg - 1.1kg
LIGHT SOURCE	High Power LED Chips
LENS	Ceramic Pixel
HOUSING	UV Stabilised Plastic with Metal Plate Bracket
FRAME COLOUR	Black, White
IP RATING	IP65 (Water Proof)
OPERATING TEMP	-25°C to 50°C

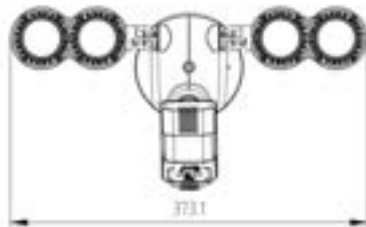
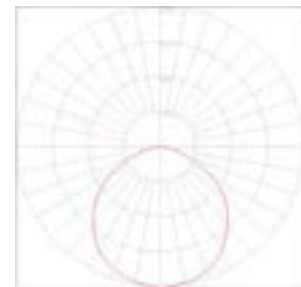
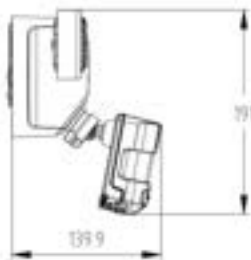
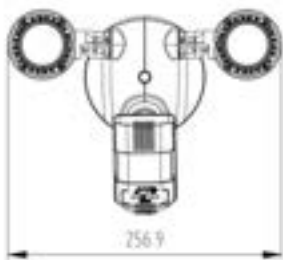
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	100-240VAC, 50/60Hz
DIMMABLE	Non Dimmable
LIFESPAN	30,000 hours to L70
POWER	15W & 30W
BEAM ANGLE	120° + Adjustable & Rotatable Arms
LUMINOUS EFFICACY	120lm/W post optics
CRI	80
CCT	5,000K Cool White
WORKING MODES	<p>Test Mode: Proof sensor is working - 5 seconds any movement.</p> <p>Auto Mode: Light activated for 1-10mins when motion sensor detects movement, only at night.</p> <p>On Time Mode: Light works during daytime and night time via the on/off switch</p> <p>D2D (Dusk to Dawn): Lights will turn on automatically at night and off at dawn</p>



SCHEMATIC OF SECURITY LIGHTS

BEAM ANGLE 120°



TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT* (LUMENS)	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	BODY COLOUR
PolarisS-S15W-B	15W	1,800lm	257	73	120	Black
PolarisS-S15W-W	15W	1,800lm	257	73	120	White
PolarisS-S30W-B	30W	3,600lm	373	73	120	Black
PolarisS-S30W-W	30W	3,600lm	373	73	120	White



PRODUCT INFORMATION

PRODUCT CODE	Polaris-GrowGlobe-FS-15W-E27 Polaris-GrowGlobe-FS-36W-E27
DIMENSIONS	76mm x 105mm & 116mm x 134mm
INGRESS PROTECTION	IP20
LIGHT SOURCE	High Power Sun Spectrum LED Diodes
CCT	Natural White ~4,000K
BRACKET MATERIAL	Material - housing Ceramic for excellent heat dissipation
FRAME COLOUR	White
APPLICATIONS	Plant Growth - Succulents, Potted Plants, Berries, Green Wall
WARRANTY	3yrs

TECHNICAL SPECIFICATIONS

OUTPUT	White Full Spectrum E
CONNECTION	27 (~220V)
LIFESPAN	25,000 hours (to L70)
POWER	15W & 36W
PPE	1.6 µmol/J
PHOTON FLUX/PAR	Refer to below table
OPERATING TEMPERATURE	-20°C to 50°C
WORKING HUMIDITY	10% - 95%

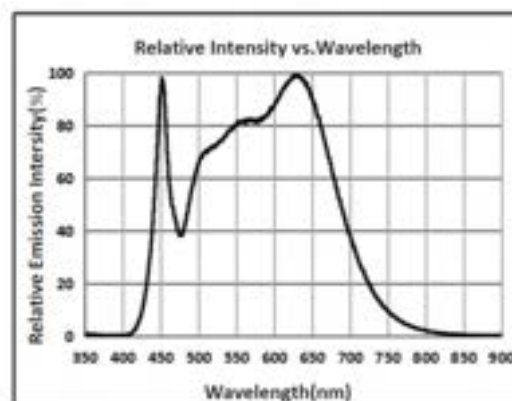
SCHEMATIC



PHOTON FLUX AT MOUNTING HEIGHT

Mounting Height	PPFD (µmol/m2/s) Polaris-GrowGlobe -FS -15W-E27	PPFD (µmol/m2/s)* Polaris-GrowGlobe -FS -36W-E27
20cm height from Globe	53	124
30cm height from Globe	37	87
40cm height from Globe	26	62
Efficacy (post optics)	1.6 µmol/J	1.6 µmol/J

* Average Measurement area: 0.5m x 0.5m



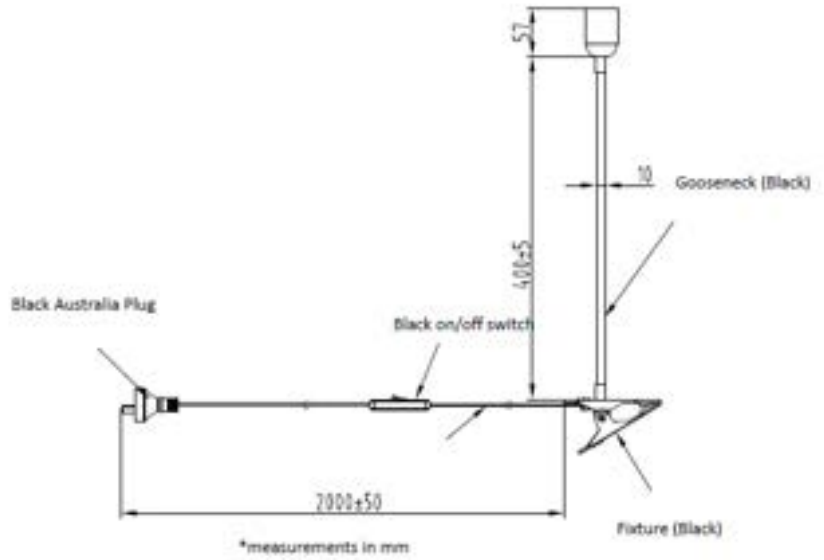
! "# \$ & ' " # ! (



Polaris-Grow-Fixture-Clip-1-B

% % % % % % %
 8% # ; ; % # \$; % < % + =) > #) 0 @ (A) B
 % 4 % % A < / % 0 / + =) D ; ; E & # \$; E F
 . % & # 2 = & # ;) # G < ' (, ; ; E F
 . 3 + 4 % -) # 0) % 4 + # 0 % %
 . % + # G % % % % %
 ! ; 4 " \$ 9 J K L M 3 D 4 # E 0 , \$ N 9 (& # ' !
 . ! ; # # !) % 0 ; P 0 < ? 0 , \$ N ; & # ' !

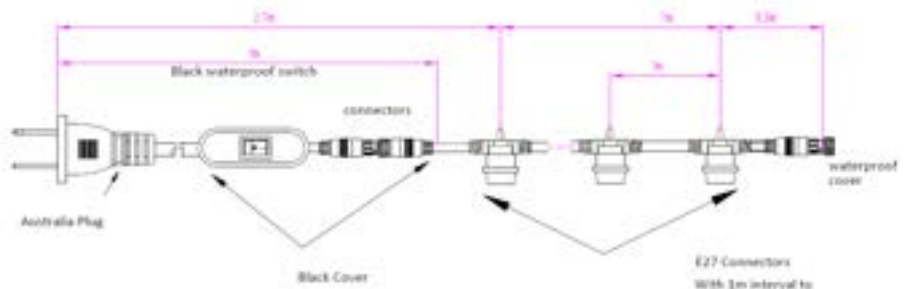
RI 5KS ' ; ! 5TS , - . 0 # ! ' \$; ; A



Polaris-Grow-E27-String-8-B

? \$; ; E 0 , \$ N Q 2 8 9 : # ; ;) # \$; - < / + =) -
 . 5 (# = & # =) \$)) ; E + =) - # ; ;) # \$; ; - F
 . 6 + # G
 ! ; 4 " \$ 9 J K L M 3 D 4 # E 0 , \$ N 9 (& # ' !
 . ! ; # # !) - 0 ; P 0 < ? 0 , \$ N

RI 5KS DJUS , - . 0 # ! ' \$ " # & # ! ' \$ " () * # / ' +



STELLAR GROW

High Quality LED Grow Luminaire



PRODUCT INFORMATION

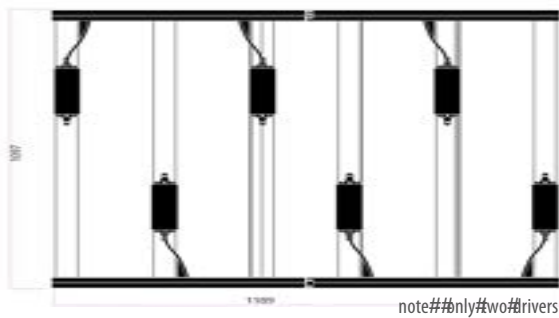
PRODUCT CODE	StellarGrow-Rack-600W-FS2.5
DIMENSIONS	1189mmL x 1097mmW x 45mmD
INGRESS PROTECTION	IP65
WEIGHT	14kg
LIGHT SOURCE	Samsung & Osram High Output LED chips 400nm(UVA)+3000K+5000K+660nm+730nm(FR)
BEAM ANGLE	120°
BRACKET MATERIAL	Aluminum + PC with LEDs on Ceramic Suspension kit or bolt to rack/frame
FRAME COLOUR	Grey
WARRANTY	5yrs

TECHNICAL SPECIFICATIONS

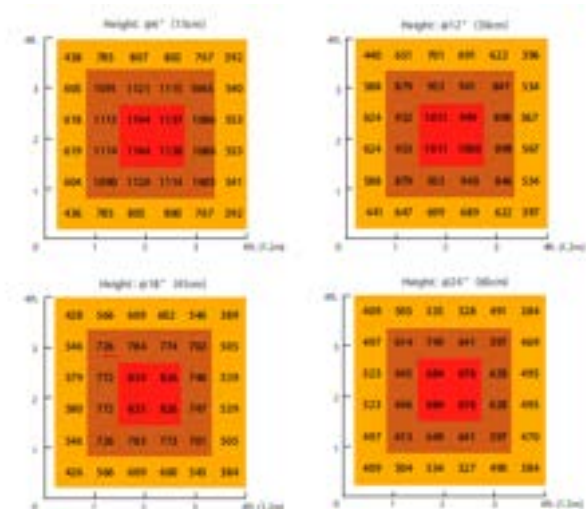
INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V DC*
CONTROL	Connection to system/site controller
LIFESPAN	50,000 hours (to L70/B10)
POWER	600W
POWER FACTOR	>0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-20°C to +45°C
PPE (PHOTON EFFICACY)	2.5 µmol/J
PPF (PHOTON FLUX)	1500 µmol/s



SCHEMATIC



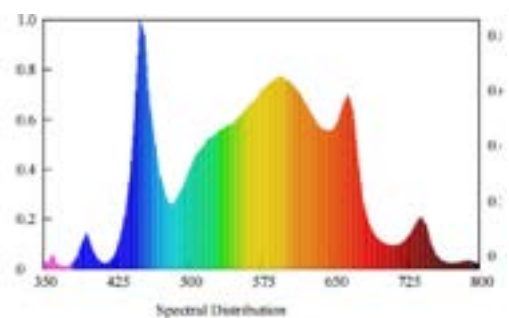
PHOTON FLUX AT MOUNTING HEIGHT



*Dimming 0-10V DC - with 2m dimming lead with M12 - 3 pin connector option to add a Knob Dimmer, or adapter for R! 11/R! 12 for use with your existing Lighting/ Environment Controllers



Types of use - Great for Under Canopy or supplementary lighting



STELLAR GROW

High Quality LED Grow Luminaire



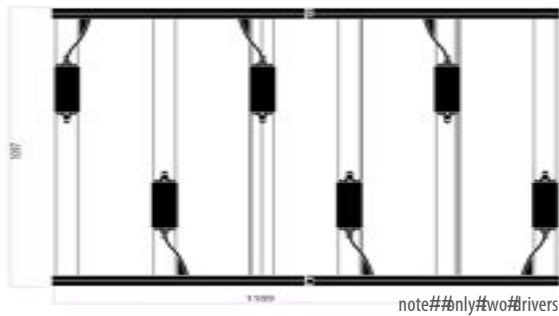
PRODUCT INFORMATION

PRODUCT CODE	StellarGrow-Rack-600W-FS2.9
DIMENSIONS	1189mmL x 1097mmW x 45mmD
INGRESS PROTECTION	IP65
WEIGHT	14kg
LIGHT SOURCE	Samsung & Osram High Output LED chips 5000K + 600nm
BEAM ANGLE	120°
BRACKET MATERIAL	Aluminum + PC with LEDs on Ceramic
FRAME COLOUR	Grey
WARRANTY	5yrs

TECHNICAL SPECIFICATIONS

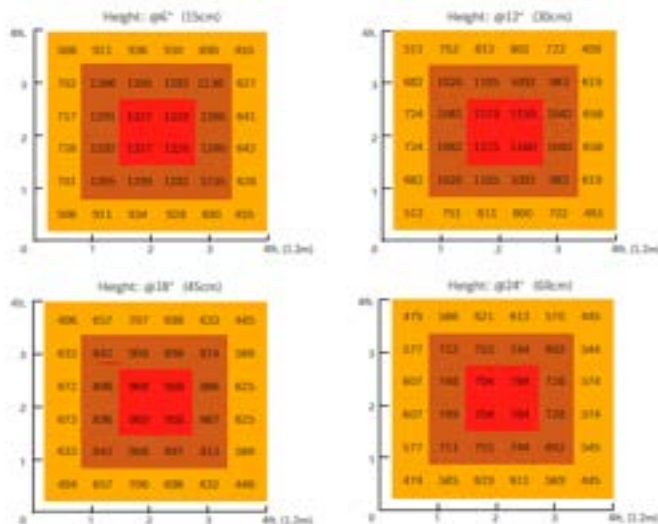
INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V DC*
CONTROL	Connection to system/site controller
LIFESPAN	50,000 hours (to L70/B10)
POWER	600W
POWER FACTOR	> 0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-20°C to +45°C
PPE (PHOTON EFFICACY)	2.9 μmol/J
PPF (PHOTON FLUX)	1750 μmol/s

SCHEMATIC

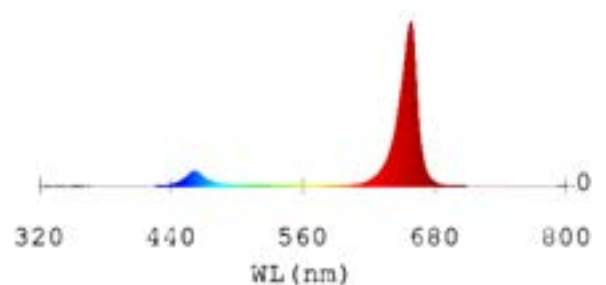


*Dimming 0-10V DC - with 2m dimming lead with M12 - 3 pin connector option to add a Knob Dimmer, or adapter for R! 11/R! 12 for use with your existing Lighting/ Environment Controllers

PHOTON FLUX AT MOUNTING HEIGHT



Types of use - Great for Under Canopy or supplementary lighting



STELLAR GROW

High Quality LED Grow Luminaire



PRODUCT INFORMATION

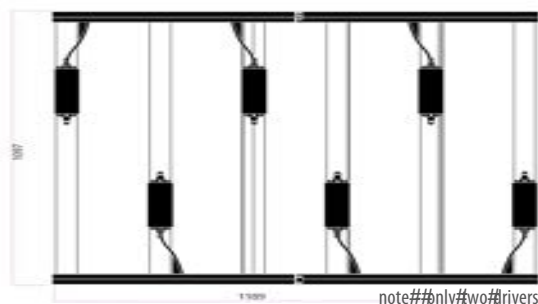
PRODUCT CODE	StellarGrow-Rack-600W-3.6
DIMENSIONS	1189mmL x 1097mmW x 45
INGRESS PROTECTION	mmD IP65
WEIGHT	14kg
LIGHT SOURCE	Samsung & Osram High Output LED chips 450nm + 5000K + 600nm
BEAM ANGLE	120°
BRACKET MATERIAL	Aluminum + PC with LEDs on Ceramic
FRAME COLOUR	Grey
WARRANTY	5yrs

TECHNICAL SPECIFICATIONS

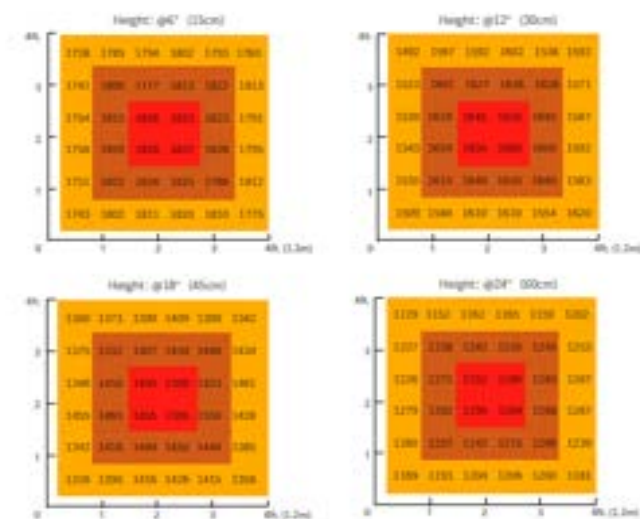
INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V DC*
CONTROL	Connection to system/site controller
LIFESPAN	50,000 hours (to L70/B10)
POWER	600W
POWER FACTOR	>0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-20°C to +45°C
PPE (PHOTON EFFICACY)	3.6 µmol/J
PPF (PHOTON FLUX)	2160 µmol/s



SCHEMATIC



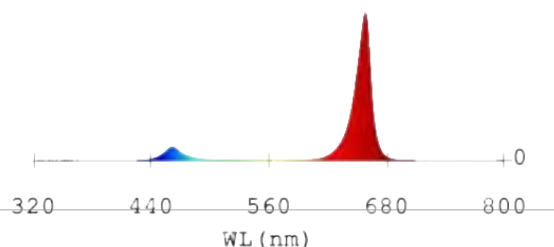
PHOTON FLUX AT MOUNTING HEIGHT



*Dimming 0-10V DC - with 2m dimming lead with M12 - 3 pin connector option to add a Knob Dimmer, or adapter for R! 11/R! 12 for use with your existing Lighting/ Environment Controllers



Frame example only, see spectrum graph below for output.
Types of use - Great for Under Canopy or supplementary lighting



STELLAR GROW

High Quality LED Grow Luminaire



PRODUCT INFORMATION

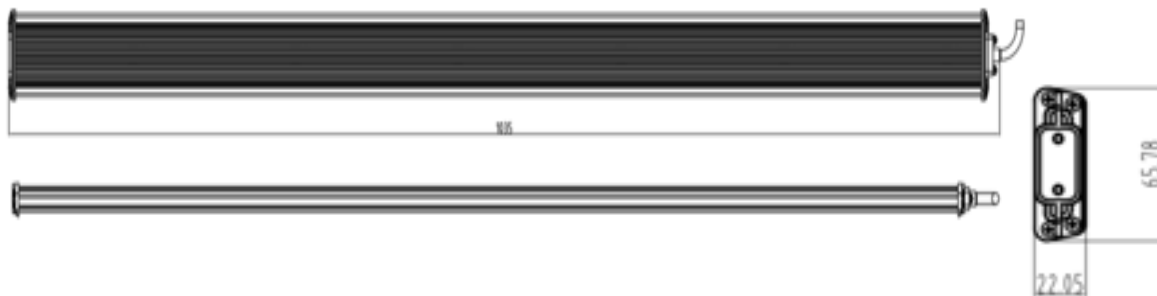
PRODUCT CODE	StellarGrow-LightBar-100W-FS2.5
DIMENSIONS	1068mmL x 66mmW x 25mmD
INGRESS PROTECTION	IP65
WEIGHT	2.5kg
LIGHT SOURCE	Blue+Full Spectrum White+Red+Far Red 400nm(UVA)+3000K+5000K+660nm+730nm(FR)
BEAM ANGLE	120°
BRACKET MATERIAL	Aluminum + PC with LEDs on Ceramic
MOUNTING	Suspension kit or bolt to rack/frame
FRAME COLOUR	Grey
WARRANTY	5yrs

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V DC* full luminaire control
CONTROL	Connection to system/site controller
LIFESPAN	50,000 hours (to L70/B10)
POWER	100W
POWER FACTOR	>0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-20°C to +45°C
PPE (PHOTON EFFICACY)	2.5 µmol/J
PPF (PHOTON FLUX)	250 µmol/s



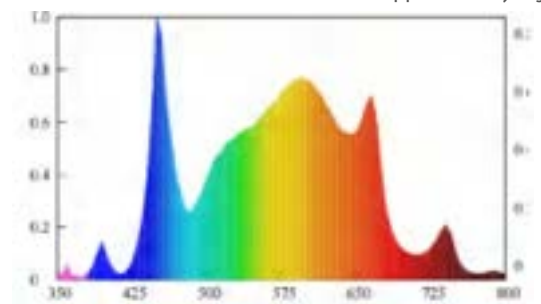
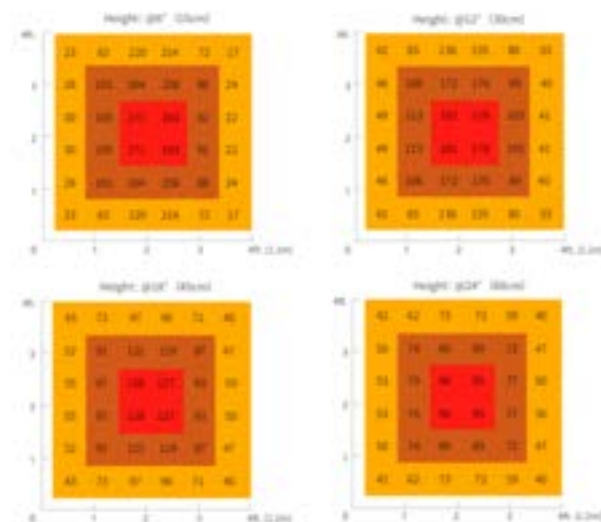
SCHEMATIC



*Dimming 0-10V DC - with 2m dimming lead with M12 - 3 pin connector option to add a Knob Dimmer, or adapter for R! 11/R! 12 for use with your existing Lighting/ Environment Controllers



PHOTON FLUX AT MOUNTING HEIGHT



Types of use - Great for Under Canopy or supplementary lighting

STELLAR GROW

High Quality LED Grow Luminaire

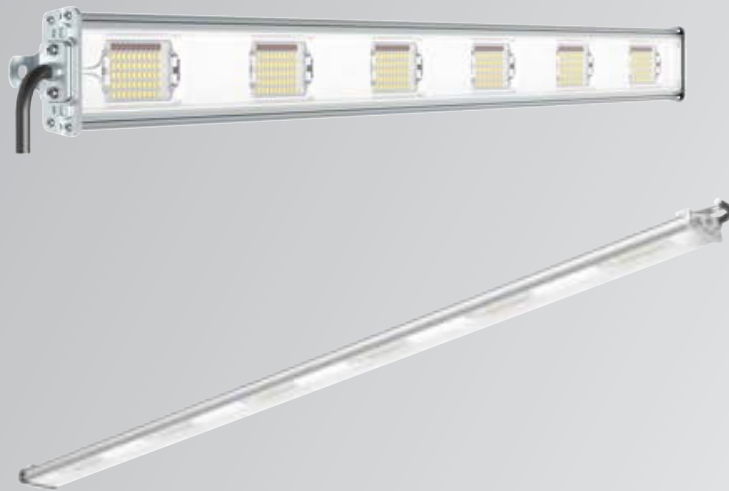


PRODUCT INFORMATION

PRODUCT CODE	StellarGrow-LightBar-100W-FS2.9
DIMENSIONS	1068mmL x 66mmW x 25mmD
INGRESS PROTECTION	IP65
WEIGHT	2.5kg
LIGHT SOURCE	Full Spectrum White+Red 5000K+660nm
BEAM ANGLE	120°
BRACKET MATERIAL	Aluminum + PC with LEDs on Ceramic
MOUNTING	Suspension kit or bolt to rack/frame
FRAME COLOUR	Grey
WARRANTY	5yrs

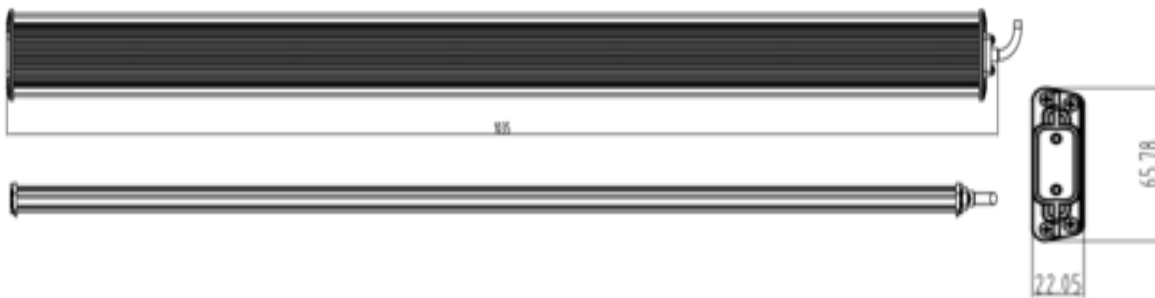
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V DC* full luminaire control
CONTROL	Connection to system/site controller
LIFESPAN	50,000 hours (to L70/B10)
POWER	100W
POWER FACTOR	>0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-20°C to +45°C
PPE (PHOTON EFFICACY)	2.9 µmol/J
PPF (PHOTON FLUX)	290 µmol/s

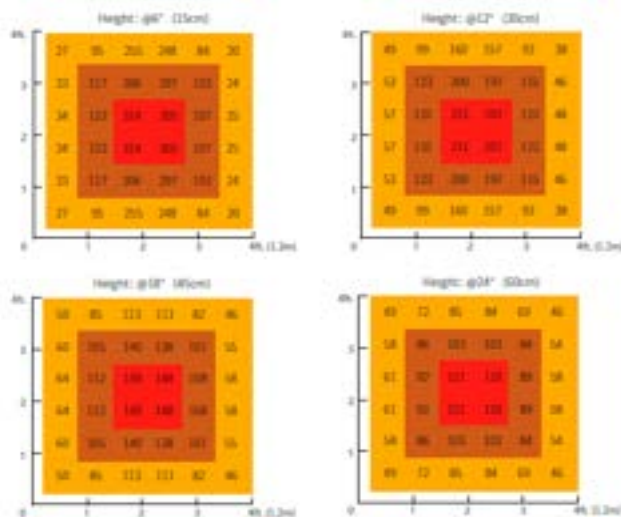


SCHEMATIC

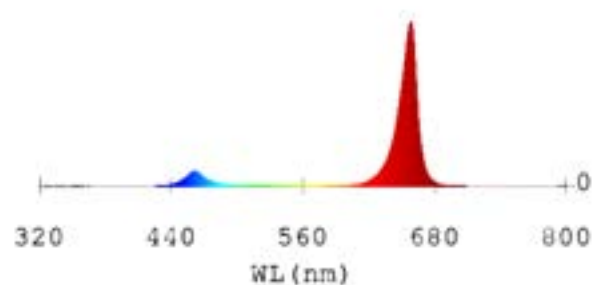
*Dimming 0-10V DC - with 2m dimming lead with M12 - 3 pin connector option to add a Knob Dimmer, or adapter for R! 11/R! 12 for use with your existing Lighting/ Environment Controllers



PHOTON FLUX AT MOUNTING HEIGHT



Types of use - Great for Under Canopy or supplementary lighting



TM
Corona
PANEL LIGHTS





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



CoronaTM Square

ULTRA SLIM PANEL LIGHTS



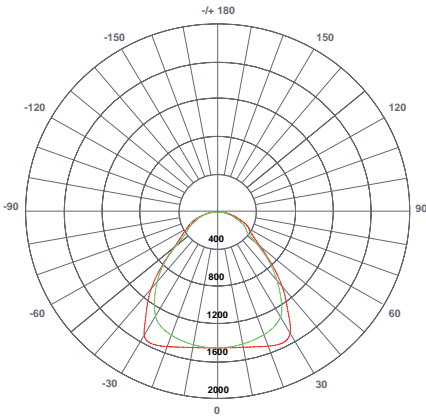
PRODUCT INFORMATION

MEASUREMENTS	LENGTH	WIDTH	DEPTH
	595mm	595mm	8mm
LIGHT SOURCE	LumenMax/Epistar		
LENS	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.		
TRIM	White		
OPERATING TEMPERATURE	-20°C to +45°C		

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	110VAC 60Hz, 230VAV 50Hz
DIMMABLE	0-10V/PWM, DALI or Tridonic
LIFESPAN	50,000 hours (to L70 B10)
POWER	30W, 40W, 50W
UGR	19
BEAM ANGLE	120°
CRI	>80
CCT	5,700K Cool White 4,000K Natural White 3,000K Warm White

BEAM ANGLE = 120°

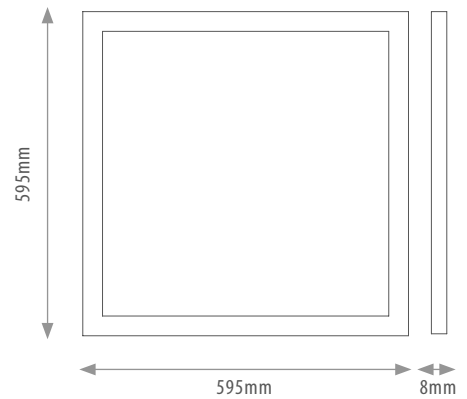


Unit: cd
c0/180 : PRISMATIC
c90/270 : STANDARD

OUTPUT

	Cool White	Natural White	Warm White
30W	3,700 lm	3,500 lm	3,200 lm
40W	4,000 lm	3,800 lm	3,600 lm
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	CCT
Corona	- 600SS	"Blank" (Frosted) P (Prismatic)	- W (White)	30W 40W 50W	CW (Cool White) NW (Natural White) WW (Warm White)

DRIVER & POWER OPTIONS

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

Corona™ Rectangular

ULTRA SLIM PANEL LIGHTS



PRODUCT INFORMATION

MEASUREMENTS

LENGTH	WIDTH	DEPTH
595/ 1,195mm	295/ 595mm	8mm

LIGHT SOURCE

LumenMax/Epistar LED

LENS

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.

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 230VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours (to L70 B10)

POWER

26W, 40W, 70W

UGR

19

BEAM ANGLE

120°

CRI

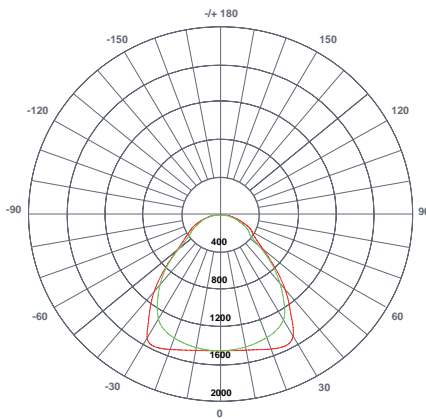
>80

CCT

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



BEAM ANGLE = 120°

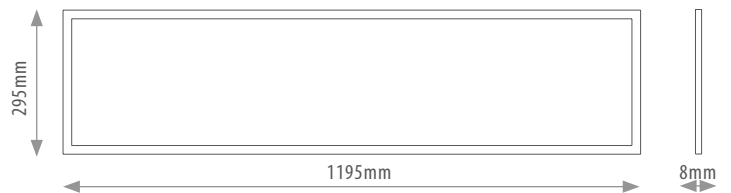


Unit: cd
c0/180 : PRISMATIC
c90/270 : STANDARD

OUTPUT

	Cool White	Natural White	Warm 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



PRODUCT CODE BUILDER

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

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

DRIVER & POWER OPTIONS

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

Corona™ Up / Down

RECTANGULAR PANEL LIGHTS



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

LIGHT SOURCE

Epistar

LENS

Frosted PC or Prismatic (Down Only)

HOUSING

Aluminium alloy

MOUNTING

Suspended

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 230VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours (to L70 B10)

POWER

26W, 40W

UGR

19

BEAM ANGLE

120°

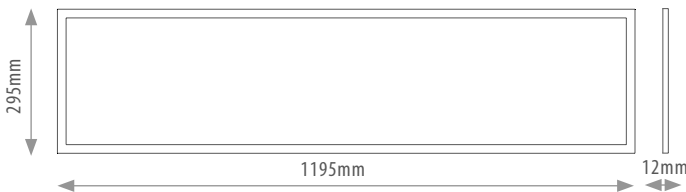
CRI

>80

CCT

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

SCHEMATIC OF CORONA-U1200R



OUTPUT

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

PRODUCT CODE BUILDER

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

PRODUCT RANGE	TYPE	LENGTH (MM)	LENS	TRIM	POWER	CCT	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

Corona™ Circular

SMALL PANEL LIGHTS



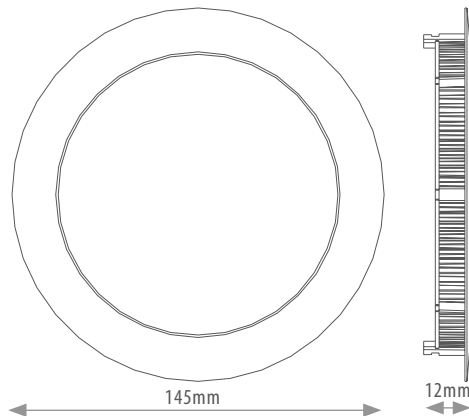
PRODUCT INFORMATION

MEASUREMENTS	LENGTH	DEPTH
CUTOUT	145 / 180 / 240mm	12mm
LIGHT SOURCE	Epistar LED	
LENS	Frosted PC or Prismatic	
HOUSING	Aluminium alloy	
MOUNTING	Recessed (with 2 x spring clips)	
TRIM	White	
OPERATING TEMPERATURE	-20°C to +45°C	

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	110VAC 60Hz, 230VAC 50Hz
DIMMABLE	0-10V/PWM, DALI or Tridonic
LIFESPAN	50,000 hours (to L70 B10)
POWER	8W, 15W, 24W
BEAM ANGLE	120°
CRI	>75
CCT	5,700K Cool White 4,000K Natural White 3,000K Warm White

SCHEMATIC OF CORONA-145C



OUTPUT

	Cool White	Natural White	Warm 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	CCT
Corona	- 145C (145)	"Blank" (Frosted)	- 8W	CW (Cool White)
	- 180C (180)	P (Prismatic)	- 15W	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



580C



380C

PRODUCT INFORMATION



MEASUREMENTS

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

LIGHT SOURCE

Epistar LED

LENS

Frosted PC

HOUSING

Aluminium alloy

MOUNTING

Wall/Ceiling Mount or Suspension

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 277VAC 50Hz

DIMMABLE

Optional

LIFESPAN

50,000 hours (to L70 B10)

POWER

25W, 40W, 60W, 65W

BEAM ANGLE

120°

CRI

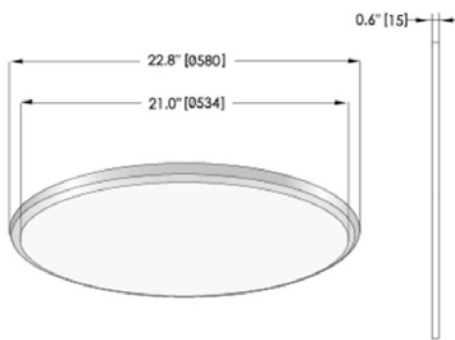
>80

CCT

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

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

SCHEMATIC OF CORONA-580C-W40W



OUTPUT

	Cool White	Natural White	Warm 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	CCT
Corona	- 380C (380)	-W (White)	25W	CW (Cool White)
	- 580C (580)		40W	NW (Natural White)
			60W	WW (Warm White)
	- 980C (980)		65W	

DRIVER & POWER OPTIONS

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

Corona™ Cyanosis

RECTANGULAR ULTRA SLIM PANEL



PRODUCT INFORMATION



MEASUREMENTS

LENGTH	WIDTH	DEPTH
1,195mm	295mm	8mm

LENS

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

TRIM

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

110VAC 60Hz, 240VAC 50Hz

DIMMABLE

0-10V/PWM, DALI or Tridonic

LIFESPAN

50,000 hours (to L70 B10)

POWER

26W, 40W, 70W

BEAM ANGLE

120°

CRI

95

CCT

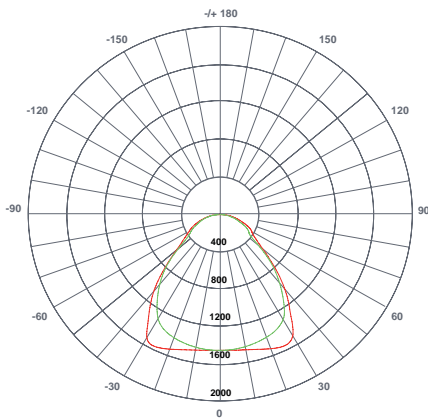
~3,970K Natural White

COI*

1.0

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

BEAM ANGLE = 120°

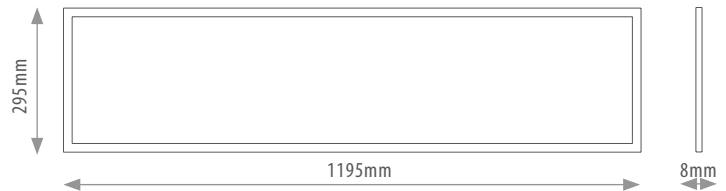


Unit: cd

c0/180 : PRISMATIC

c90/270 : STANDARD

SCHEMATIC OF CORONA-1200RS



PRODUCT CODE BUILDER

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

PRODUCT RANGE	LENGTH (MM)	WIDTH (MM)	LENS	CYANOSIS	TRIM	POWER	CCT
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



PRODUCT INFORMATION

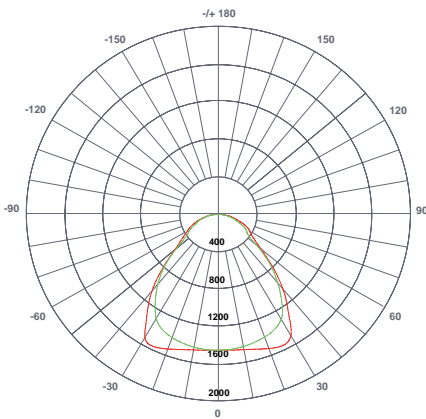
MEASUREMENTS	LENGTH	WIDTH	DEPTH
	595mm	595mm	8mm
LENS	Frosted PC or Prismatic		
HOUSING	Aluminium alloy		
MOUNTING	Default - mount in T-Bar ceiling grid Recessed with Plaster Frame Kit, Suspended, Hard Surface, Box Frame.		
TRIM	White		

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	110VAC 60Hz, 240VAV 50Hz
DIMMABLE	0-10V/PWM, DALI or Tridonic
LIFESPAN	50,000 hours (to L70 B10)
POWER	30W, 40W, 50W
BEAM ANGLE	120°
CRI	95
CCT	~3,970K Natural White
COI*	1.0

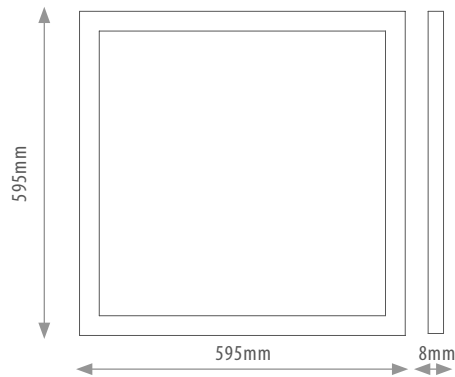
*CYANOSIS OBSERVATION INDEX (NATA LABORATORY CERTIFIED TO AS/NZS 1680.2.5:1997)

BEAM ANGLE = 120°



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

SCHEMATIC OF CORONA-600SS



PRODUCT CODE BUILDER

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

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

DRIVER & POWER OPTIONS

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

Corona™ Mounting

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

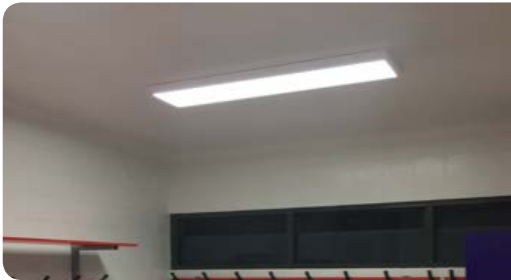
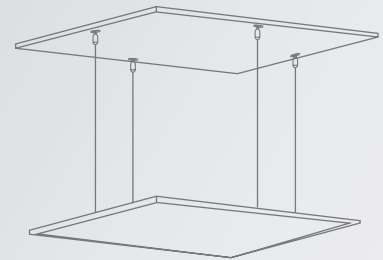
Kit is recessed into plaster ceiling (cut out).
Driver is housed in ceiling or on top of panel.



SUSPENDED

MOUNTING CODE: Corona-Mount-SuspensionKit

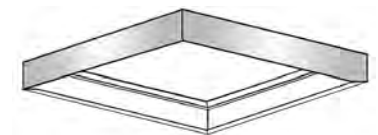
Driver is housed in ceiling or on top of panel.



BOX FRAME

SURFACE MOUNT BOX: Corona-BoxFrame-1200R/600S-W

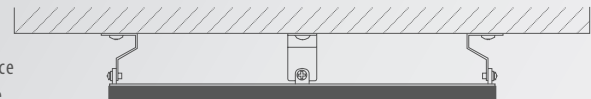
Contains panel and driver (between panel and surface).



HARD SURFACE

MOUNTING CODE: Corona-Mount-HardSurface

Driver is housed between panel and surface.



CoronaBLTM 





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



CoronaBLTM Square

ULTRA SLIM BACKLIT PANEL LIGHTS



PRODUCT INFORMATION

MEASUREMENTS	LENGTH	WIDTH	DEPTH
	595mm	595mm	30mm
LIGHT SOURCE	2835 SMD LEDs		
LENS	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.		
TRIM	White		
OPERATING TEMPERATURE	-20°C to +45°C		

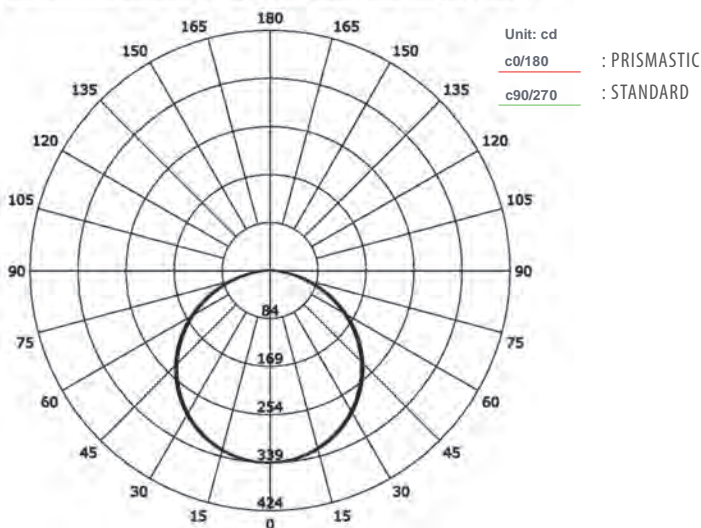
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	220~240VAC
DIMMABLE	0-10V, DALI or Tridonic
LIFESPAN	50,000 hours (to L70 B10)
POWER	25W, 30W, 40W,
UGR	22 or >19 (Prismatic)
BEAM ANGLE	110°
CRI	80
CCT	4,000K Natural White

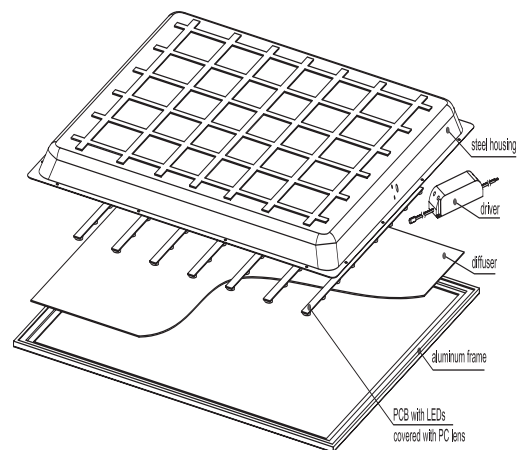
Note: Options for 3,000K Warm White, 5,000K Cool White or Prismatic (Low Glare) are available for projects that meet MOQ's.

BEAM ANGLE = 110°

Luminous Intensity Distribution Curve(cd/klm)



SCHEMATIC OF CORONABL-600S



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

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

DRIVER & POWER OPTIONS

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

CoronaBL™ Rectangular

ULTRA SLIM BACKLIT PANEL LIGHTS



PRODUCT INFORMATION

MEASUREMENTS	LENGTH	WIDTH	DEPTH
	1,195mm	295mm	30mm
LIGHT SOURCE	2835 SMD		
LENS	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, Box Frame.		
TRIM	White		
OPERATING TEMPERATURE	-20°C to +45°C		

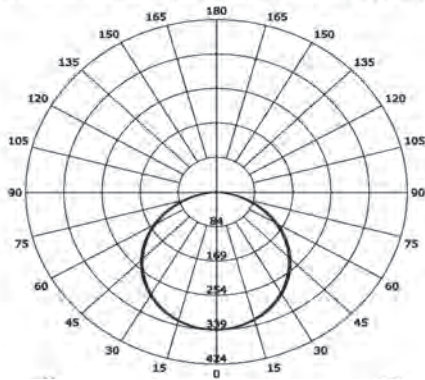
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	220~240VAC
DIMMABLE	0-10V, DALI or Tridonic
LIFESPAN	50,000 hours (to L70)
POWER	25W, 30W, 40W
UGR	22 or >19 (Prismatic Lens)
BEAM ANGLE	110°
CRI	80
CCT	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.

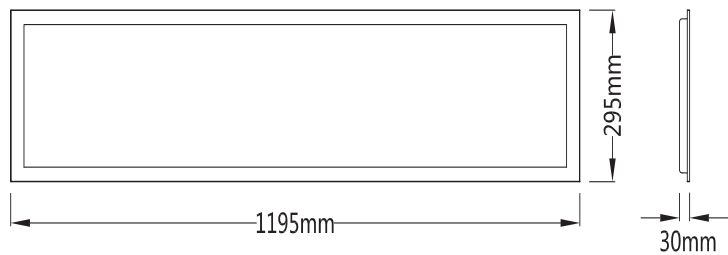
BEAM ANGLE = 110°

Luminous Intensity Distribution Curve(cd/klm)



Unit: cd
 c0/180 : PRISMATIC
 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	CCT	POWER (Designated by LED Driver)
CoronaBL	- 1200	R(300)	"Blank" (Frosted) - W (White) "P" (Prismatic)		NW (Natural White)	25W 30W 40W

DRIVER & POWER OPTIONS

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

CoronaBL™ Cyanosis

SQUARE MEDICAL BACKLIT PANEL LIGHTS



PRODUCT INFORMATION

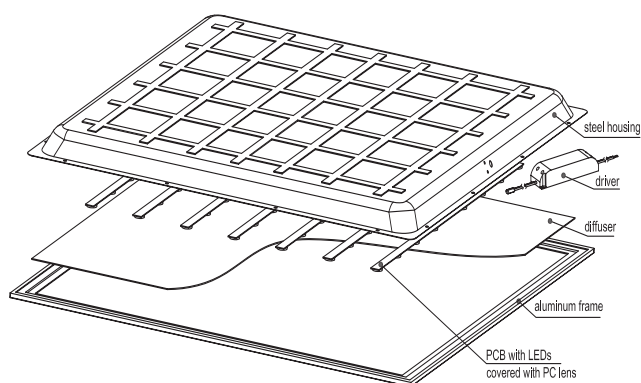
MEASUREMENTS	LENGTH	WIDTH	DEPTH
	1,195mm	295mm	30mm
LIGHT SOURCE	2835 SMD		
LENS	Frosted PC or Prismatic (Low Glare)		
HOUSING	Aluminum alloy frame with steel backboard		
MOUNTING	Default - Mount in T-Bar ceiling grid Recessed with Plaster Frame Kit or Box Frame.		
TRIM	White		
OPERATING TEMPERATURE	-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
UGR	22 or >19 (Prismatic Lens)
BEAM ANGLE	110°
CRI	90
CCT	~3,970K Natural White
COI	1.0

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

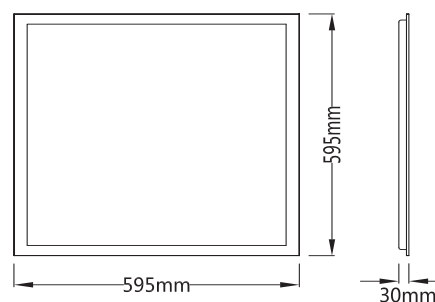
SCHEMATIC OF CORONABL-600S-CY



OUTPUT Natural White

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

DIMENSIONS OF CORONABL-600SS-CY



PRODUCT CODE BUILDER

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

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

DRIVER & POWER OPTIONS

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

CoronaBL™ Cyanosis

RECTANGULAR MEDICAL BACKLIT PANEL LIGHTS



PRODUCT INFORMATION

MEASUREMENTS	LENGTH	WIDTH	HEIGHT
	1195mm	295mm	30mm
LIGHT SOURCE	2835 SMD		
LENS	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.		
TRIM	White		
OPERATING TEMPERATURE	-20°C to +45°C		

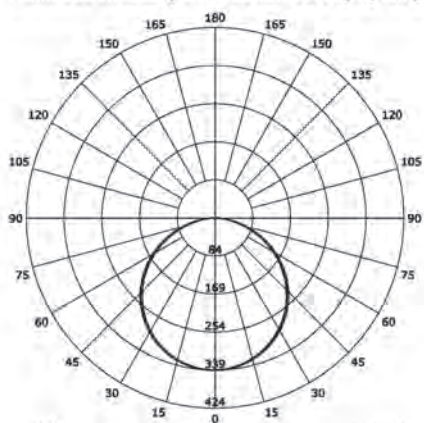
TECHNICAL SPECIFICATIONS

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
CCT	~3,970K Natural White
COI	1.0

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

BEAM ANGLE = 110°

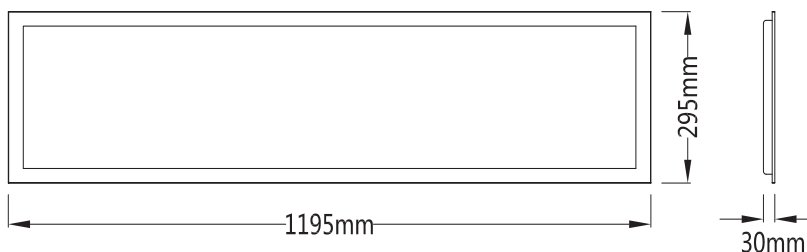
Luminous Intensity Distribution Curve(cd/klm)



OUTPUT Natural White

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

SCHEMATIC OF CORONABL-1200R-CY



PRODUCT CODE BUILDER

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

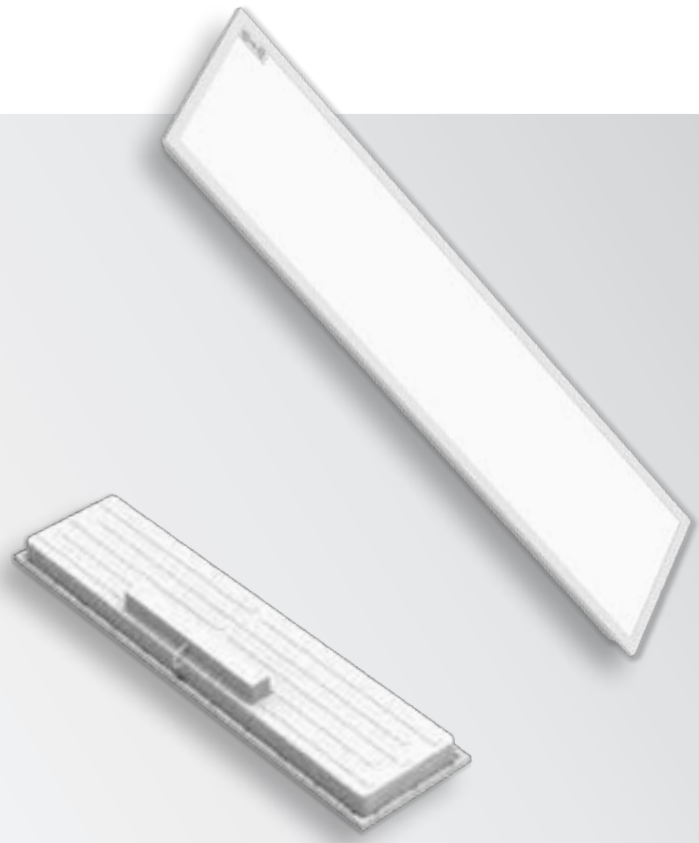
PRODUCT	LENGTH	LENS	CYANOSIS	TRIM	CCT	POWER (Designated by LED Driver)
CoronaBL	1200R	'Blank' (Standard) 'P' (Prismatic)	CY	- W (White)	NW (Natural White)	25W 30W 40W

DRIVER & POWER OPTIONS

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

CoronaBL™ Sensor Panels

BACKLIT SENSOR PANELS



PRODUCT INFORMATION



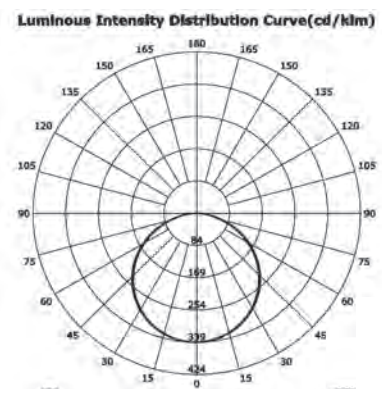
MEASUREMENTS	LENGTH	WIDTH	DEPTH
	1,195mm	295mm	57mm
LIGHT SOURCE	SMD2835		
LENS	Frosted PC		
HOUSING	Aluminum alloy frame with steel backboard		
MOUNTING	Default - Mount in T-Bar ceiling grid Recessed with Plaster Frame Kit or Box Frame.		
TRIM	White		
OPERATING TEMPERATURE	-20°C to +45°C		

TECHNICAL SPECIFICATIONS

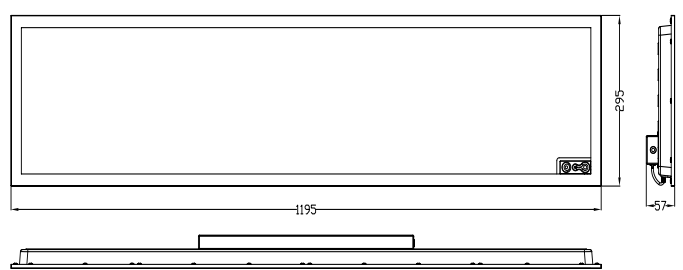
INPUT VOLTAGE	220~240VAC
DIMMABLE	Yes, Sensor (Philips EasyAir SNS200)
LIFESPAN	50,000 hours (to L70)
POWER	36W
BEAM ANGLE	110°
CRI	>80
CCT	~4000K Natural White

SENSOR CONTROL OPTIONS
OCCUPANCY SENSING
 Occupancy or Daylight Base Control
 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.

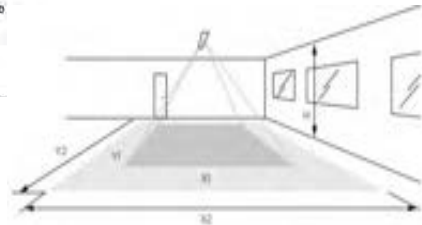
110 DEGREE BEAM ANGLE



SCHEMATIC OF CORONABL-S-1200RS



Occupancy Sensing



Height	Minor Movement		Major Movement	
	V1	X1	V2	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

PRODUCT CODE BUILDER

E.G. CoronaBL-S-1200R-W-NW plus Phillips Xitanium 36W Driver

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

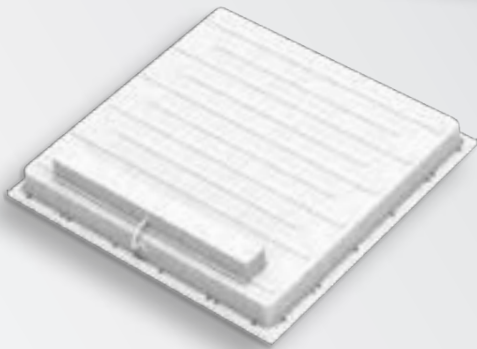
DRIVER & POWER

Philips Xitanium 36W 0.3-1A 54V SR



CoronaBL™ Sensor Panels

BACKLIT SENSOR PANELS



PRODUCT INFORMATION



MEASUREMENTS

LENGTH	WIDTH	DEPTH
595mm	595mm	57mm

LIGHT SOURCE

SMD2835

LENS

Frosted PC

HOUSING

Aluminum alloy frame with steel backboard

MOUNTING

Default - mount in T-Bar ceiling grid

Recessed with Plaster Frame Kit, Box

TRIM

White

OPERATING TEMPERATURE

-20°C to +45°C

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

220~240VAC

DIMMABLE

Yes, Sensor (Philips EasyAir SNS200)

LIFESPAN

50,000 hours (to L70)

POWER

36W

BEAM ANGLE

110°

CRI

>80

CCT

~4000K Natural White

SENSOR CONTROL OPTIONS

Occupancy or Daylight Base Control

OCCUPANCY SENSING

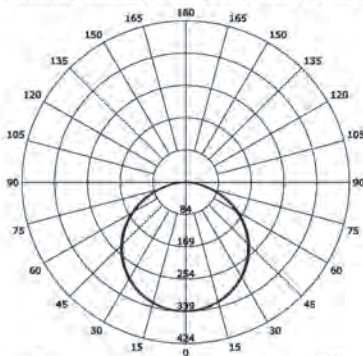
Minor Movement (Person moving <0.9m/s)

Major Movement (Person moving >0.9m/s)

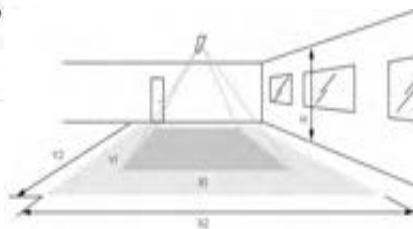
Note: Options for 3,000K Warm White or 5,000K Cool White, Prismatic (Low Glare) or COI 1.0 are available for projects that meet MOQ's.

110 DEGREE BEAM ANGLE

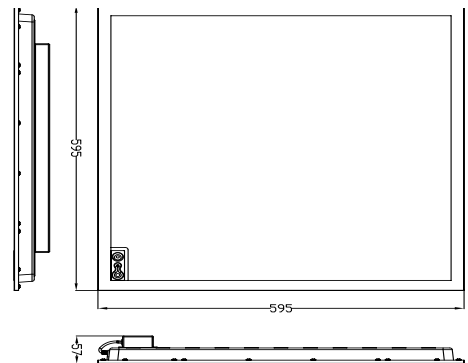
Luminous Intensity Distribution Curve(cd/klm)



Occupancy Sensing



SCHEMATIC OF CORONABL-S-600SS



Height	Minor Movement		Major Movement	
	V1	X1	V2	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

PRODUCT CODE BUILDER

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

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

DRIVER & POWER

Philips Xitanium 36W 0.3-1A 54V SR



TM
Vega
DOWNLIGHTS

LED DOWNLIGHT RANGE





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



Vega™ SA - 6"

SPOT ADJUSTABLE DOUBLE HINGED

Epistar			IP42	80	L70		
LIGHT SOURCE	85-265VAC	BEAM ANGLE	RATING	CRI	35,000 HRS	INDOOR	RECYCLABLE



PRODUCT INFORMATION



DIMENSIONS

DIAMETER	DEPTH	CUT OUT RANGE
6"	198MM	165-180MM

LIGHT SOURCE

Epistar LED Chip

LENS

Optical Grade Glass

HOUSING

Aluminium

TRIM

Silver, White, Black

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

85-265VAC, 50/60HZ

DIMMABLE OPTIONAL

Optional (with Tridonic™ Dali Dimming)

LIFESPAN

50,000 hours

POWER

20W, 32W

BEAM ANGLE

24°

CRI

80

CCT

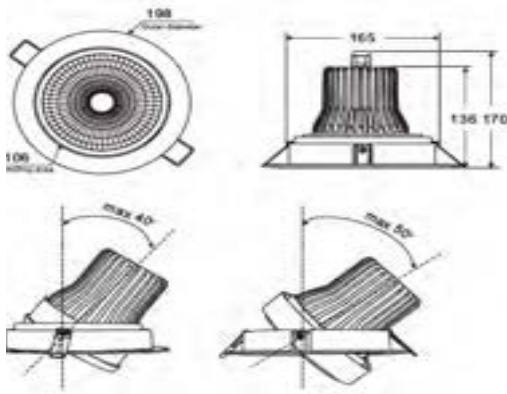
5,000K Cool White
4,000K Natural White
3,000K Warm White

VEGA DOWNLIGHTS

SA - 4" & 6" | SPOT ADJUSTABLE DOUBLE HINGED



SCHEMATIC OF VEGA ADJUSTABLE 6"



OUTPUT

		20W	32W
COOL	Efficacy	90 lm/W	93 lm/W
WHITE	Luminous Flux	1,800 lm	2,976 lm
NATURAL	Efficacy	90 lm/W	93 lm/W
WHITE	Luminous Flux	1,800 lm	2,976 lm
WARM	Efficacy	80 lm/W	83 lm/W
WHITE	Luminous Flux	1,600 lm	2,656 lm

PRODUCT CODE BUILDER

E.G. VEGASA-6W220N-ND

PRODUCT CODE	SIZE (INCH)	TRIM	BEAM ANGLE	POWER (W)	CCT	DIMMING
VEGASA	-6	S (Silver)	2 (24°)	20	C (Cool White)	-ND (Non-Dimmable)
		W (White)		32	N (Natural White)	-D (Dimmable)
		B (Black)			W (Warm White)	-TD (Tridonic Dali Dimmable)

Vega™ 3", 4" & 6"

DOWNLIGHTS



VEGA DOWNLIGHTS

3", 4" & 6" DOWNLIGHTS



PRODUCT INFORMATION



DIMENSIONS

	DIAMETER	DEPTH	CUT OUT RANGE
3"	100MM	78MM	80MM
4"	128MM	88MM	100MM
6"	190MM	105MM	150MM

LIGHT SOURCE

Nichia High Power LED

LENS

Frosted Optical Grade PC

HOUSING

Polycarbonate Secured with 3 Spring Clips

TRIM

White

IP RATING

IP20

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

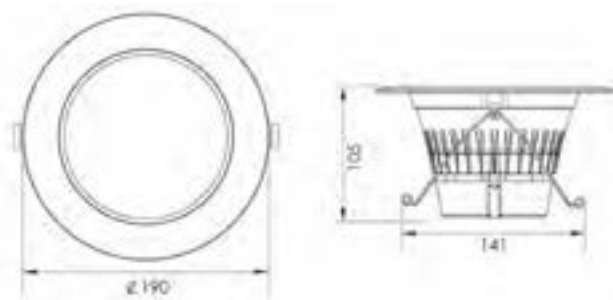
BEAM ANGLE

80°

CCT

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

SCHEMATIC OF VEGA 6"



OUTPUT

	3"	4"	6"
COOL WHITE			
6W	90 lm/W	90 lm/W	90 lm/W
8W	90 lm/W	90 lm/W	90 lm/W
10W	90 lm/W	90 lm/W	90 lm/W
12W	100 lm/W	100 lm/W	100 lm/W
15W	100 lm/W	100 lm/W	100 lm/W
NATURAL WHITE			
6W	90 lm/W	90 lm/W	90 lm/W
8W	90 lm/W	90 lm/W	90 lm/W
10W	90 lm/W	90 lm/W	90 lm/W
12W	100 lm/W	100 lm/W	100 lm/W
15W	100 lm/W	100 lm/W	100 lm/W
WARM WHITE			
6W	90 lm/W	90 lm/W	90 lm/W
8W	90 lm/W	90 lm/W	90 lm/W
10W	90 lm/W	90 lm/W	90 lm/W
12W	100 lm/W	100 lm/W	100 lm/W
15W	100 lm/W	100 lm/W	100 lm/W

PRODUCT CODE BUILDER

E.G. VEGA-6W812N-ND

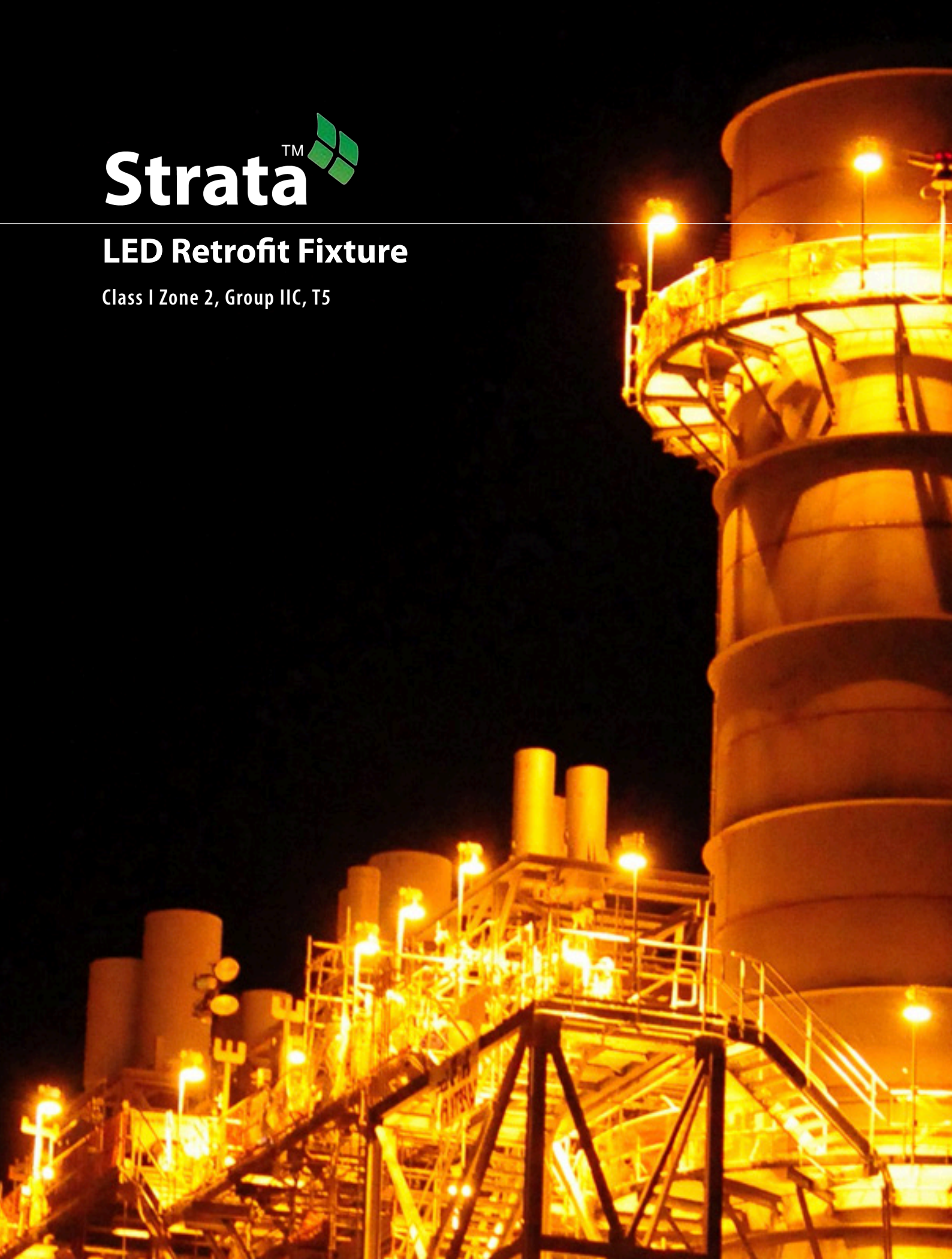
PRODUCT CODE	SIZE (INCH)	TRIM (MM)	BEAM ANGLE	POWER (W)	CCT	DIMMING
VEGA	-3	W (White)	8 (80°)	6	C (Cool White)	-ND (Non-Dimmable)
	-4			8	N (Natural White)	-D (Dimmable)
				10	W (Warm White)	-DD (DALI Dimmable)
	-6			12		-TD (Tridonic-DALI Dimmable)
				15		



StrataTM

LED Retrofit Fixture

Class I Zone 2, Group IIC, T5





OPTICS DESIGNED
SPECIFICALLY FOR
INDUSTRIAL APPLICATIONS
INCLUDING WALKWAYS,
PLATFORMS, PUMP ALLEYS &
PIPERACKS

STRATA LED RETROFIT FIXTURE

OUR STRATA™ LED fixture is purpose designed to fit onto any existing site stanchion mount pole. The light weight design allows for easy installation and eliminates the need for scaffolding, ladders, fall arrest or working at heights - removing all safety concerns and costs.

As a fully finished unit, which includes pole, driver and luminaire, it drastically reduces labour time. Learn more about the process via the installation video - <https://www.youtube.com/watch?v=WTxGDOEuJxU>

BENEFITS OF OUR RANGE

- USES 50%-75% LESS ELECTRICITY THAN HIGH INTENSITY DISCHARGE LUMINAIRES
- LIFESPAN OF 60,000 HRS+ (TO L70) & IP66
- LIGHT WEIGHT UNIT FOR EASY HANDLING AND INSTALL
- ONE PEICE DESIGN (NO SEPERATE PARTS)
- REMOTE DRIVER ALLOWS FOR HIGH TEMPERATURE APPLICATIONS AND EASY & EFFICIENT REPLACEMENT
- INSTANT ON/OFF
- SPECIALTY CLAMPS AVAILABLE FOR HIGH VIBRATION AREAS
- LOW INRUSH & OPERATING CURRENTS
- NO HARMFUL OR TOXIC SUBSTANCES ARE CONTAINED IN THIS FIXTURE
- SELF CLEANING PIXEL DESIGN
- 5 YEAR COMPREHENSIVE WARRANTY



Strata™ LED Retrofit Fixture

HIGH INTENSITY LED RETROFIT FIXTURE

Class I Zone 2, Group IIC, T5
UL 844:2012 Ed.13+R:060ct2017
CSA C22.2#137:1981 Ed.1 +G1



Images of 70W Unit

PRODUCT INFORMATION



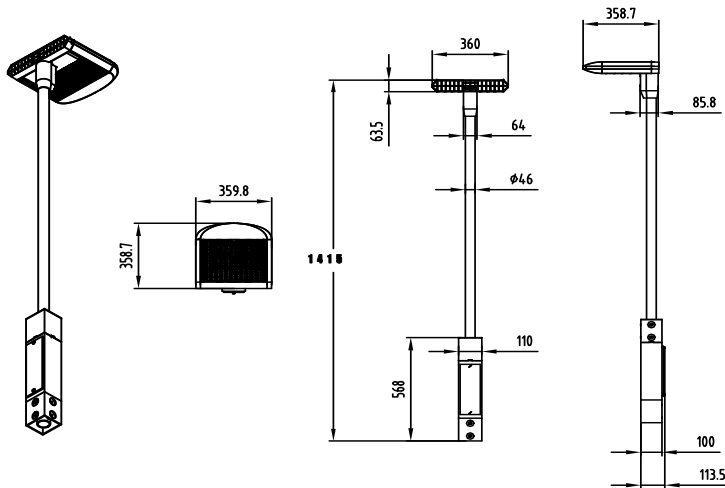
WEIGHT RANGE	35lbs
LIGHT SOURCE	Nichia High Power LED
LENS	Lens K01 - Type II (Walkways/Conveyors) Lens K10 - Type IV (Forward Throw/ Platforms) Lens K14 - Type V (Wide 120°+) Lens K81 - Type V (Wall/General 90°) 6063 Aluminium (Marine Grade)
HOUSING	Aluminium (Marine Grade)
IK RATING	IK10
IP RATING	IP66
OPERATING TEMP	-40°C to 55°C (as standard)

TECHNICAL SPECIFICATIONS

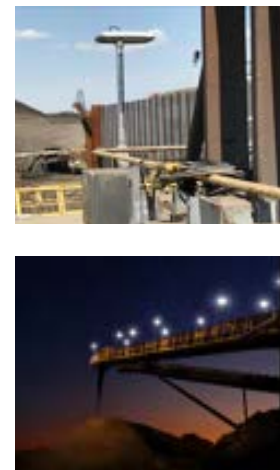
INPUT VOLTAGE	120-277V, 347V available on request
DIMMABLE OPTIONAL	Non Dimmable, Optional- 5-100%, DALI
LIFESPAN	60,000 hours to L70 B10
POWER	45W, 70W
LUMINOUS EFFICACY	C - 118lm/W
CCT	5,000-5,500K Cool White 70 (CRI)

* CCT available in ~4000K Natural White & ~3000K Warm White.

SCHEMATIC OF STRATA 70W



TYPICAL APPLICATIONS



Strata Fitting will suit a 10 foot pole, only needs to be 7 or 8 foot pole

PRODUCT CODE BUILDER

E.G. STR-1-84-45-1-NH-1

MODEL	EXISTING ON SITE PIPE SIZE	REQUIRED FIXTURE HEIGHT (FROM WALKWAY)	FIXTURE WATTAGE	MOUNTING METHOD	CLASS RATING	VOLTAGE
STR	-1 (1 INCH)	-84 (7 FEET)	-45	-1 (VIBRATION COLLAR)	- NH (NON-HAZARDOUS)	-1 (120-277VAC)
	-2 (1.25 INCH)	-96 (8 FEET)	-70	-2 (SET SCREWS)	- HZ (CLASS 1 DIVISION 2)	-2 (347VAC)
	-3 (1.5 INCH)	-120 (10 FEET)				



Empyrean TM
* # LIGHTING

empyreanlighting.com

CONTACT

p 1300 200 321

a PO Box 752 Coolum Beach
QLD Australia 4573

e info@empyreanlighting.com

© Copyright Empyrean Lighting