

Armadillo LED - Evolution In Lighting

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AMETHYST RECESSED LED

PETROL STATION / GAS STATION
FLAT RECESSED MOUNTING
5 YEAR WARRANTY



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Key Features and Benefits:

Heavy Duty IP66 LED Canopy Light Amethyst Family

With installation in mind we've developed an recessed bracket to cover exiting canopy cut-out.
In case of old fitting with extended sizes ArmadilloLED provide optional extended bezel to cover cut-out gaps, with size up to 625x625mm

For a one design fits all angles approach, from a single product. Simple scaling for the correct light levels by height, design and regulation, ArmadilloLED have a modularised approach to suit every requirement and maximise light energy efficiencies.

Enhanced optics and use of the latest CREE XP-G2 series of high output LED delivers, a genuine cost effective LED Canopy lighting solution.

Additional control for the range can be delivered with photocells, microwave motion sensors, and dimming, a class leading design from one of the UK's top LED lighting manufacturers.

Road vibration EN 60598 tested. Salt mist, chlorine tested.

High Efficiency Lumen flux - 125lm/W

Efficacy >100lm/W

IP66 and IK10 Rated

Replaceable Modules

Dimmable:

1-10V Isolated

DALI 1~255 / 10%100%

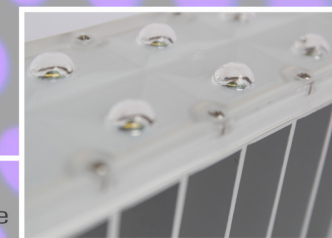
Power Factor >0.92

Low Current

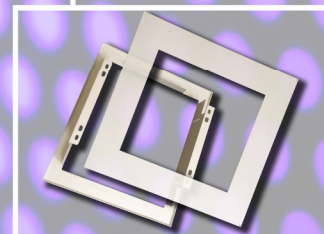
Easy Assembly



Aluminium extrusion for great heat dissipation. IP66 rated, with standard 5 year warranty



Optical Source
PMMA Acrylic
lenses, Cree XP-G2 LED series
4000K and 5000K standard.



Optional extended bezel
Made to order up 625x625mm



Amethyst Recessed Mount LED Canopy Light

AME-CRM Series - Amethyst Family



Optical specification:

Colour Temp. 5000K (Option: 4000K)
 Colour Render Index >70CRI (Options: Ra>75,Ra>80)
 Light Distribution T3W Lens (S1S113) (Option: T3 - S1S112)
 Operating temp. -40°C ~ +50°C
 L80 F10 75000hrs

Electrical Specification:

Input voltage: 120~277V 50/60Hz (Option: 347~480V 50/60Hz)
 Power Factor: >0.95
 Drive current: 700mA
 Dimming: 1-10V, DALI

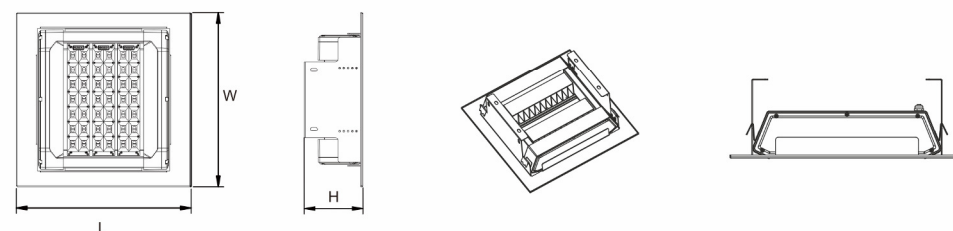
Components and materials:

LED Light source: CREE XP-G2 Series
 Power supply: XANTHUM Series powered by PHILIPS
 Housing: Die cast aluminium
 Heatsink: Extruded aluminium
 Optic Lens: PMMA
 IP rating: IP66

General specification

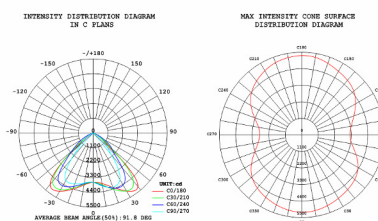
Product Code	Power	# of LEDs	Lumen (5000K)	Weight (kgs)	Dimensions (mm)
AME-CRM-060	65W	2 x 14	6250	7.5	L410 x W410 x H150
AME-CRM-090	95W	3 x 14	10050	8.6	L410 x W410 x H150
AME-CRM-120	125W	4 x 14	12900	9.6	L475 x W410 x H150
AME-CRM-150	155W	5 x 14	16500	10.6	L535 x W410 x H150
AME-CRM-180	185W	6 x 14	20100	11.6	L595 x W410 x H150

Dimension drawings

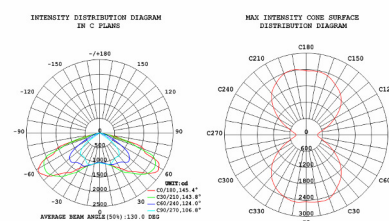


Light Distribution Curve

Narrow T3 Lens (S1S112)

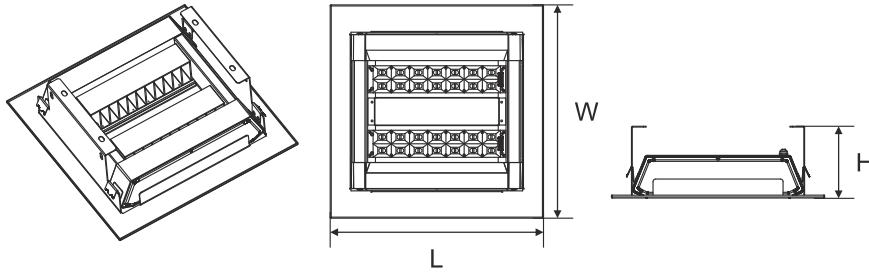


Wide T3W Lens (S1S113)



Product Size:

Note: Take AMETHYST CRM-120 LED Recessed Canopy light as an example



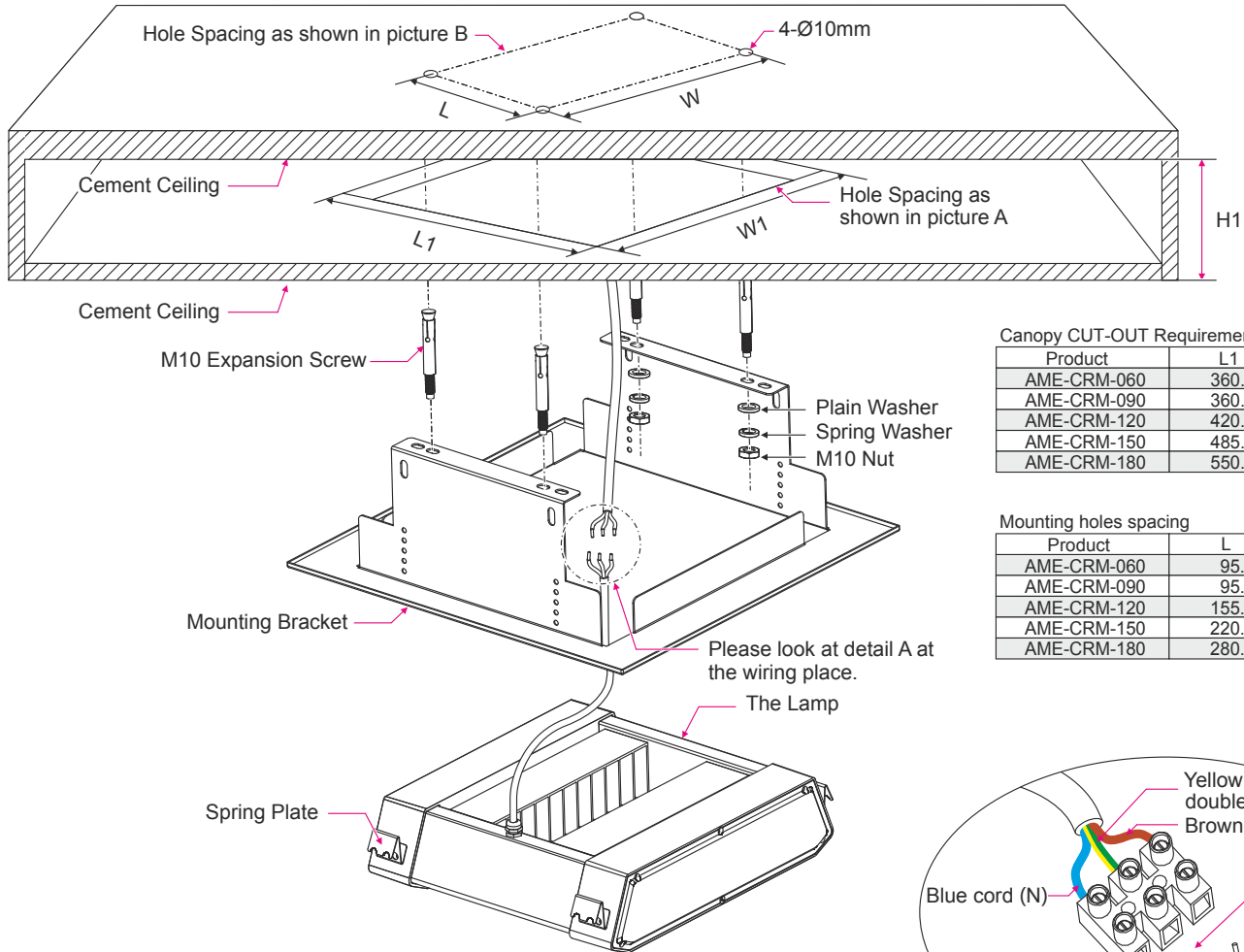
Product Specification

unit: mm

Product	L	W	H
AME-CRM-060	410.0	410.0	150.0
AME-CRM-090	410.0	410.0	150.0
AME-CRM-120	475.0	410.0	150.0
AME-CRM-150	535.0	410.0	150.0
AME-CRM-180	595.0	410.0	150.0

Installation Instruction:

Warning: Luminaire can not be directly installed on the surface or in the areas of flammable material in any circumstances
Warning: If outer flexible cable or cord of luminaire are damaged, only manufacturer, its agent or eligible contractor can replace to avoid accident.



Canopy CUT-OUT Requirement

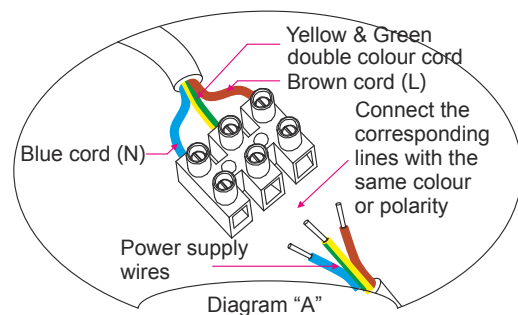
unit: mm

Product	L1	W1
AME-CRM-060	360.0	360.0
AME-CRM-090	360.0	360.0
AME-CRM-120	420.0	360.0
AME-CRM-150	485.0	360.0
AME-CRM-180	550.0	360.0

Mounting holes spacing

unit: mm

Product	L	W
AME-CRM-060	95.0	310.0
AME-CRM-090	95.0	310.0
AME-CRM-120	155.0	310.0
AME-CRM-150	220.0	310.0
AME-CRM-180	280.0	310.0



- Step 1: Drill holes in the surface with spacing as required for type of lamp.
Use Drill bits minimum 80mm long to fit M10 expansion bolt.
- Step 2: Tap in two expansion screws into the holes as picture above.
- Step 3: Lock mounting bracket using plain washer, spring washer and M8 nut.
- Step 4: Push the power supply wire through the hole in mounting bracket.
- Step 5: Connect power supply wire. Installers responsibility to provide adequate suitable IP connector.
- Step 6: Lift up the lamp, fit it up, according to arrow as per drawings. Ensure the spring plate clip firmly.

Caution:

Ensure safety and firmness of wiring junction.
 Protect power supply cables against and damage during installation.
 DO NOT clean lens with strong acid and any marked corrosive liquids.

AMETHYST CRM Series Technical Parameters

T3 Lens - Symmetrical LENS

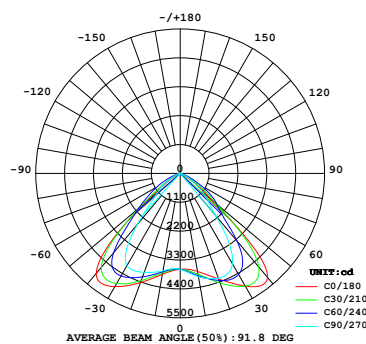
Product Specification	Input Voltage	Frequency Range	Power Factor >(PF)	Rated Power	The temperature of LED Module Shell	Working Environment	Symbol of power types	IP Rating	Protective Covering			lamp body	Weight
									Material	Size	Thickness		N.W (KGS)
AME-CRM-060	120V-277V~	50/60Hz	0.95	65W	Tc:65°C	Working temp. -40°C ~ +50°C; Working humidity: 10% ~ 95%;	Type I	IP66	PC	L265xW52mm	2.3mm	Aluminum Alloy	7.5Kg
AME-CRM-090	120V-277V~	50/60Hz	0.95	95W	Tc:65°C		Type I	IP66	PC	L265xW52mm	2.3mm	Aluminum Alloy	8.6Kg
AME-CRM-120	120V-277V~	50/60Hz	0.95	125W	Tc:65°C		Type I	IP66	PC	L265xW52mm	2.3mm	Aluminum Alloy	9.6Kg
AME-CRM-150	120V-277V~	50/60Hz	0.95	155W	Tc:65°C		Type I	IP66	PC	L265xW52mm	2.3mm	Aluminum Alloy	10.6Kg
AME-CRM-180	120V-277V~	50/60Hz	0.95	185W	Tc:65°C		Type I	IP66	PC	L265xW52mm	2.3mm	Aluminum Alloy	11.6Kg



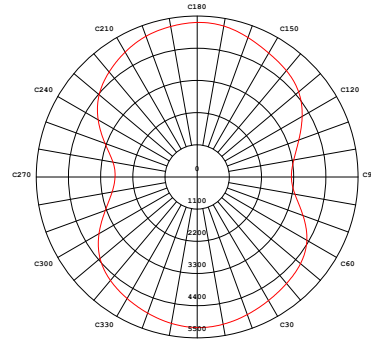
T3 Lens S1S112

T3W Lens S1S113

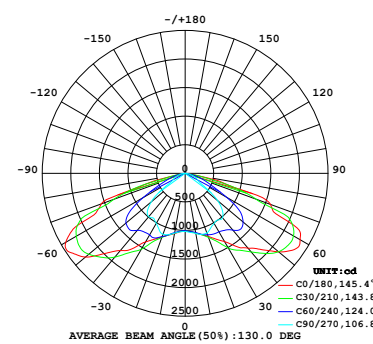
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

