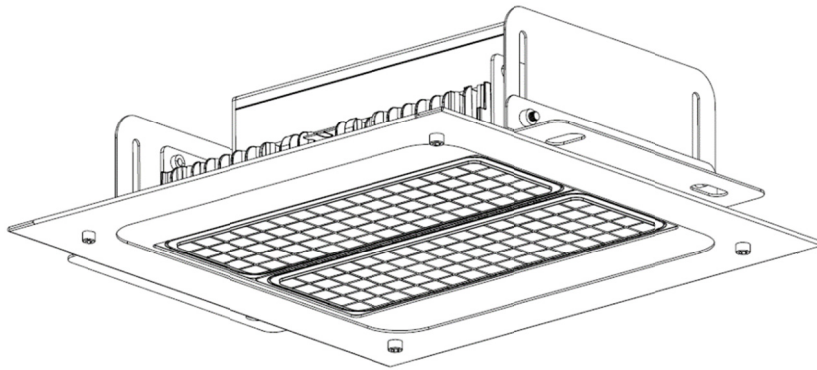


Luxtronik



Pandora Canopy Light (MCA)

50w-200w

Spec Sheet

Version 1.0
April 20, 2017

Luxtronik Technical Department

Pandora modular series is designed to solve long lasting issues in the supply and availability of industrial lighting. Our brand new Modular LED system is a fusion of exciting new technologies that gives our partners the flexibility to customize optics instantly and build a variety of luminaires on demand.

Features & Benefits

- Rapid fit optics, customize the light beam to deliver the perfect performance.
- Plug and play
- Unique waterproofing concept - instant IP65 rating for the light engines
- >130 lm/W designed to meet and exceed industry performance standards
- Protective UV stabilized powder coated finish
- Compatible with multiple dimming protocols including 0-10V and DALI
- Optional built-in emergency

Application

Pandora Canopy Light is ideal for;

- Petrol stations
- Parking garages
- Storage facilities
- Industrial facilities

Technical Specification

Description	Pandora LED Modular Canopy Light Series (MCA) Canopy and garage lighting applications					
Recommended Product Location	LUX-MCA-050	LUX-MCA-075	LUX-MCA-100	LUX-MCA-150L	LUX-MCA-150H	LUX-MCA-200
Model Number	1	1	2	2	3	3
Module Quantity	1	1	2	2	3	3
Module Max Power	50w	75w	100w	150w	150w	200w
Typical System Power	55w	80w	110w	165w	165w	220w
Typical Luminous Flux	7,100	9,600	14,300	19,000	21,400	26,800
Light Source	Lumileds / Osram mid-power LED					
Number of LEDs	80 LEDs per module					
Correlated Colour Temperature	4000K, 5000K, 6500K					
Colour Rendering Index	>70 (or >80 available)					
System Efficacy	130 lm/w					
LED Junction Temp.	≤75°C (@ Ta=25°C)					
Optics	Round: D3 (30°x30°), D6 (60°x60°), D9 (90°x90°) Nema: Type I (30°x100°), Type II (50°x140°), Type III (40°x140°), Type IV (30°x140°), Type V (140°x140°)					
Driver	Meanwell					
Input Voltage Range	100-305VAC 50/60Hz					
Power Factor	> 0.9					
Electrical Class	Class I					
Dimming Control options	0-10V, DALI					
Driver Tc	75°C					
Ambient Operating Temperature	-40°C to +40°C					
Ambient Storage Temperature	-25°C to +80°C					
Material	Aluminium (module), Zinc galvanized steel (bracket)					
Optical Cover	Polycarbonate					
Finish	Black or Grey powder coating (customized RAL colour available upon request)					
Ingress Protection (IP)	IP65					
Quality Assurance System	ISO9001, ISO14001					
Batch Coded	Yes					
Certification	CE, CB, SAA, ETL					

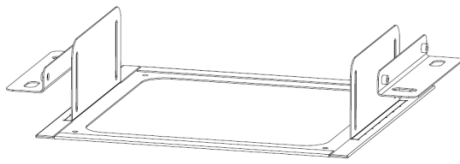
Accessories

Sensor compatible

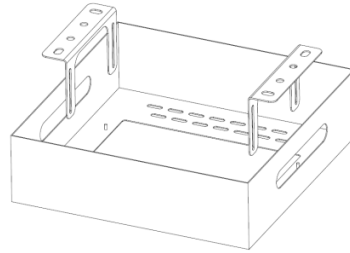
Optional microwave or passive infrared motion sensors available

Mounting

Recessed or surface mounted installation options



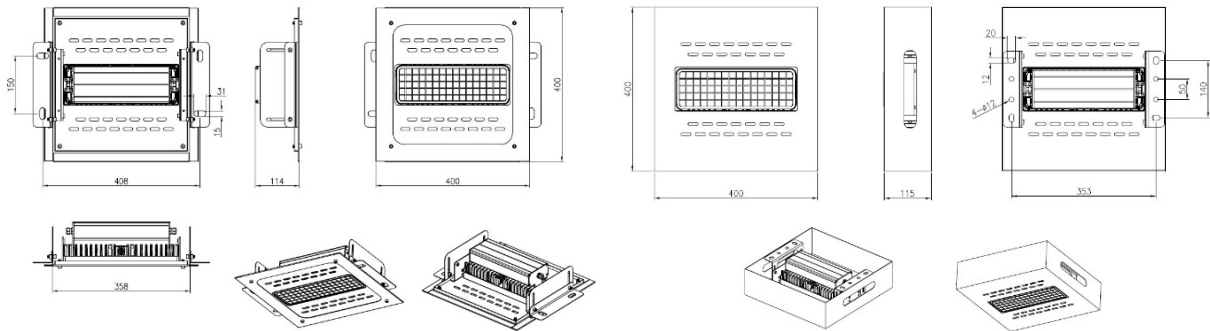
Recess Mounted



Surface Mounted

Dimensions

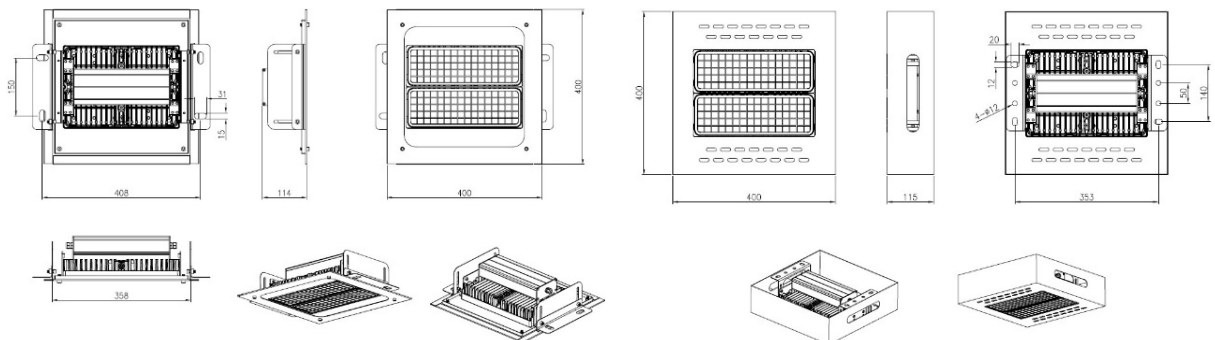
50 / 75



Recess Mounted

Surface Mounted

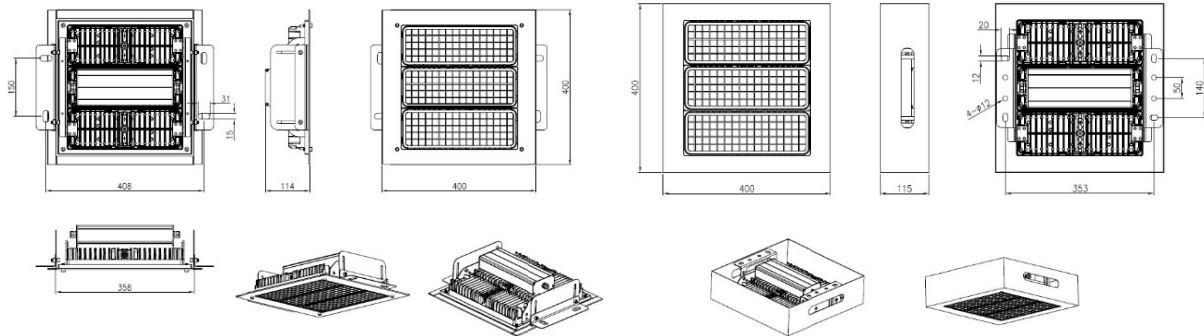
100 / 150L



Recess Mounted

Surface Mounted

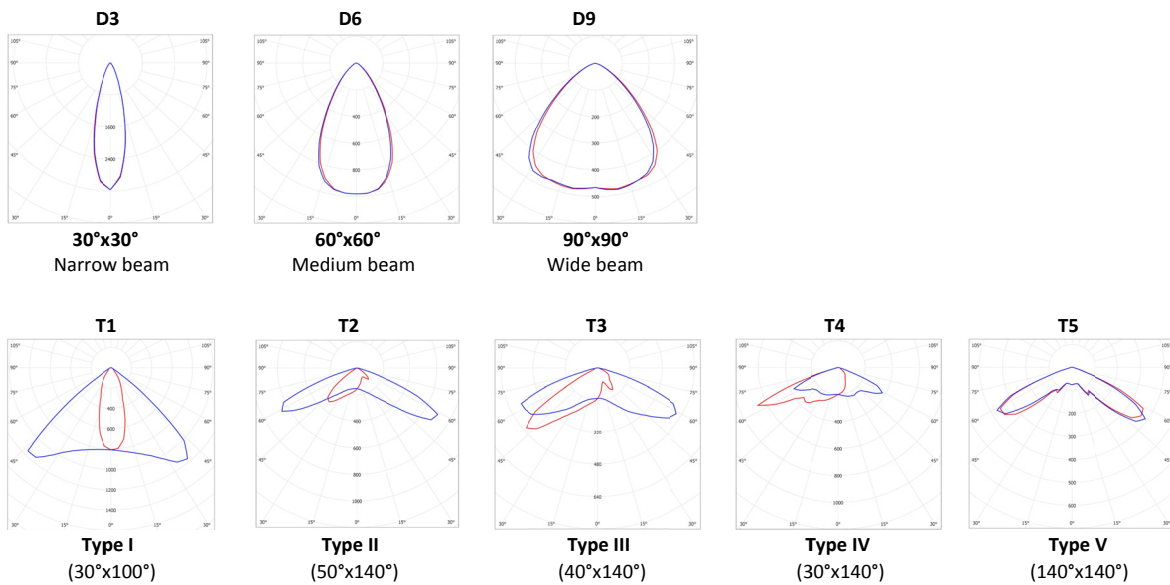
150H / 200



Recess Mounted

Surface Mounted

Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control	Finish	Mounting	(Optional) Sensor
MCA	050 = 50W 075 = 75W 100 = 100W 150L = 150W 150H = 150W 200 = 200W	40K = 4000K 50K = 5000K 65K = 6500K	70 = Min 70 80 = Min 80	D3 = Round (30°x30°) D6 = Round (60°x60°) D9 = Round (90°x90°) T1 = Type I (30°x100°) T2 = Type II (50°x140°) T3 = Type III (40°x140°) T4 = Type IV (30°x140°) T5 = Type V (140°x140°)	ND = Non-Dimmable VD = 0-10V Dimmable DD = DALI Dimmable	WH = White BL = Black	RM = Recess Mount SM = Surface Mount	MW = Microwave IR = Passive Infrared

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.