

Luxtronik



Ares (WLB)

100w-200w

Spec Sheet

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Luxtronik Technical Department

Ares Low Bay is a tough, durable linear luminaire, perfectly suited to locations that require a high level of ingress protection. With a variety of optics available, Ares can deliver perfect light in open area or aisle racking environments.

Features & Benefits

- 0-10V or DALI Dimming options and compatible with all leading sensor brands
- Up to 120lm/w system efficacy
- Premium grade aluminum die cast housing and stainless steel hardware
- Durable powder painting
- High performance thermal management design ensures low LED junction temperature and high lumen maintenance
- Simple installation and maintenance
- Optional lens for narrow and wide beam patterns
- 0-10V or DALI Dimming options and compatible with all leading sensor brand

Applications

- Cold Storage facilities
- Wet Location areas
- Warehouses
- Logistic centers
- Production workshops

Technical Specification

Description	Ares LED Waterproof Lowbay (WLB)		
	Cold storage wet location lighting applications		
Recommended Product Location	LUX-WLB-100	LUX-WLB-150	LUX-WLB-200
Model			
LED Max Power (W)	100	150	200
Typical System Power (W)	110	165	220
Typical Luminous Flux (lm)	12,100	18,150	24,200
Dimensions (mm)	603x182x119	603x182x119	603x182x119
Weight (kg)	6.2	6.2	7.4
Light Source	Lumileds / Osram mid-power LED		
Correlated Colour Temperature	4000K, 5000K, 6500K		
Colour Rendering Index	>70 (or >80 available)		
System Efficacy	120 lm/w		
LED Junction Temp.	≤75°C (@ Ta=25°C)		
Light Distribution options	15°x110°, 30°x110°, 40°x110°, 110°x110°		
Driver	Meanwell		
Input Voltage Range	100-305VAC 50/60Hz		
Power Factor	> 0.90		
Electrical Class	Class I		
Dimming Control (optional)	0-10V, DALI		
Ambient Operating Temperature	-40°C to +45°C		
Ambient Storage Temperature	-25°C to +80°C		
Material	Aluminium		
Optical Cover	Tempered Glass		
Finish	White powder coated (customized RAL colour available upon request)		
Ingress Protection (IP)	IP65 (for indoor use)		
Batch Coded	Yes		
Sensor compatible	All leading motion or daylight sensors		
Certification	CE, CB, SAA		

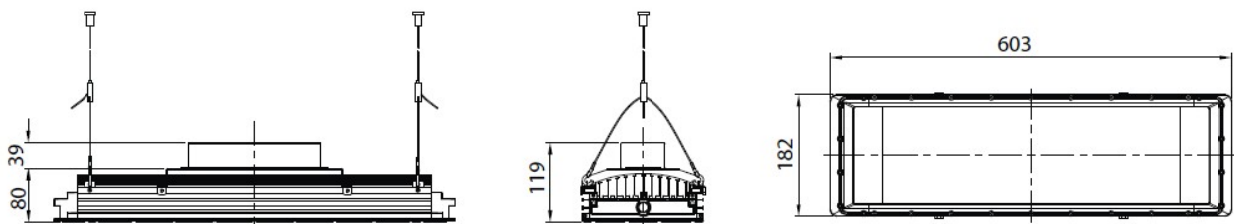
Accessories

Sensor compatible

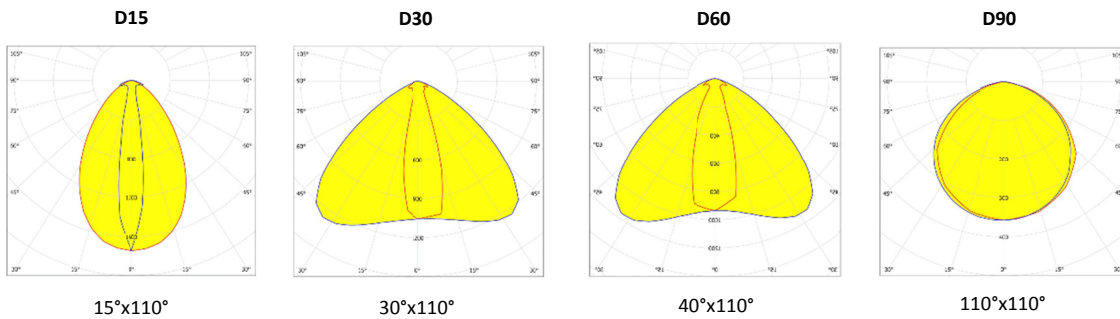
Bracket design can be custom made for different sensors
(ordered separately)

Dimensions

LUX-WLB-100 / 150 / 200



Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control	Mounting	(Optional) Emergency
WLB	100 = 100W 150 = 150W 200 = 200W	40K = 4000K 50K = 5000K 65K = 6500K	70 = Min 70 80 = Min 80	L15 = 15°x110° L30 = 30°x110° L40 = 40°x110° L110 = 110°x110°	ND = Non-Dimmable VD = 0-10V Dimmable PW = PWM Dimmable DD = DALI Dimmable	CM = Chain Mounted CS = Cord Suspension	EM = 3hr Back up

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.