

THE WORLD'S HIGHEST PERFORMING
INDUSTRIAL LED LIGHTS



MINING

CONSTRUCTION

INDUSTRIAL

MARITIME

DCbright Dark Light

Glare-free Area Lighting 4.800 - 51.300 lm

Patented reflector technology



Dark Light M-series: Innovative Lighting with Maximum Efficiency.

The Dark Light M-series is engineered to provide uniform, glare-free illumination with virtually no Glare and light spill. Featuring advanced LED technology and an optimized reflector design, these lights deliver up to 171 lumens per watt for greater energy efficiency and reduced operating costs. With a customizable forward throw range of 63° to 75° and adjustable light distribution, these lights are ideal for a variety of applications, offering tailored lighting solutions for every need. The high-performance LEDs and robust parabolic reflector modules ensure improved visibility, making the Dark Light M-series the perfect choice for demanding environments. With an IP69 and IK08 rating, these lights are built to withstand harsh conditions, providing long-lasting performance and durability.



Dark Light M-series: Common Specifications

Size	Weight	Color Consistency	CCT	Optical Distribution
DL-M-30: 170 mm x 120 mm x 70 mm 6.7 in x 4.7 in x 2.8 in	DL-M-30: 1 kg / 2.2 lb	< 3-Step McAdams Ellipse	Standard: 4000K Optional: 1700 - 5700K	Asymmetrical, w/field-adjustable cut-off
DL-M-150: 250 mm x 230 mm x 140 mm 9.8 in x 9.1 in x 5.5 in	DL-M-150: 3.6 kg / 7.9 lb	CRI Standard: 70 Optional: 80, 90	Dimming Std. 0-10; Optional DALI	Fixture Adjustment Fixed
DL-M-300: 370 mm x 230 mm x 150 mm 14.6 in x 9.1 in x 5.9 in	DL-M-300: 5.5 kg / 12.1 lb	Lumen Maintenance 345,000 hr, LM70	Optical Adjustment 63° - 75° Full cut-off	Limited Warranty DL-M-series: 3-5 years
	Operating Temperature -40°C / -40°F < 50°C / 122°F			
	Ingress / Impact Protection DL-M-series: IP69, IK08			

Dark Light M-series: Light and Power Specifications

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver
Dark Light M-30					
DL-M-30DC-24V ^{1 2}	4,800	160	30	24 Vdc	Internal
DL-M-30DC-12-36V ^{1 2}	4,800	160	30	12-36 Vdc	Internal
Dark Light M-150					
DL-M-150DC-24V ^{1 2}	25,700	171	150	24 Vdc	Internal
DL-M-150AC	25,700	171	150	90 - 305 Vac / 127 - 420 Vac	Remote
Dark Light M-300					
DL-M-300DC-24V ^{1 2}	51,300	171	300	24 Vdc	Internal
DL-M-300AC	51,300	171	300	90 - 305 Vac / 127 - 420 Vac	Remote

¹ Dual color available (1700-5700K)

² Marine version available



PRODUCTS

SUSTAINABLE | LIGHTING | SOLUTIONS



Dutch Engineered, and built with passion

JEL Products

info@jelproducts.nl
www.jelproducts.nl

Sustainable | Lighting | Solutions