

JEL PRODUCTS

SUSTAINABLE | LIGHTING | SOLUTIONS

THE WORLD'S HIGHEST PERFORMING
INDUSTRIAL LED LIGHTS



MINING

CONSTRUCTION

INDUSTRIAL

MARITIME

DCbright Dark Light

Glare-free Area Lighting 54.700 - 307.800 lm

Patented reflector technology



Dark Light Original: Precision Engineered LED Lighting.

Discover unparalleled lighting performance with Dark Light Original LED solutions, designed for efficiency and superior illumination. Our patented technology ensures uniform, glare-free lighting with virtually no spillover, maximizing visibility and reducing energy costs. The deep parabolic reflectors house powerful LEDs, ensuring no visible light outside the full cut-off, both front and rear, which significantly improves visibility. With high-performance LEDs providing up to 171 lumens per watt, the system reduces energy consumption while allowing for greater fixture spacing. The forward throw can be adjusted from 63° to 75°, making it highly customizable to suit specific lighting needs. Additionally, square parabolic reflector modules rotate 90° in both directions, offering adaptable light distribution for any space.



DL-01-320AC
DL-01-400AC
DL-01-600AC & 600DC

54,700 - 102,600 lm



DL-02-800AC
DL-02-1200AC

136,800 - 205,200 lm



DL-03-1800AC

307,800 lm

Dark Light Original: Common Specifications

Weight & Size

DL-01-320AC:
14.9 kg / 32.8 lb
365 mm x 550 mm x 160 mm
14 in x 22 in x 6.3 in

DL-01-400AC:
15 kg / 33.1 lb
365 mm x 550 mm x 160 mm
14 in x 22 in x 6.3 in

DL-01-600AC & 600DC:
14 kg / 30.9 lb
365 mm x 550 mm x 160 mm
14 in x 22 in x 6.3 in

DL-02-800AC:
24.5 kg / 54 lb
635 mm x 550 mm x 160 mm
25 in x 22 in x 6.3 in

DL-02-1200AC:
25.4 kg / 56 lb
635 mm x 550 mm x 160 mm
25 in x 22 in x 6.3 in

DL-03-1800AC:
33.5 kg / 73.9 lb
905 mm x 550 mm x 160 mm
36 in x 22 in x 6.3 in

Operating Temperature

-40°C / -40°F < 50°C / 122°F

Cable / Remote Driver

2 m PUR

Ingress / Impact Protection

IP67, IK08

Color Consistency

< 3-Step McAdams Ellipse

CRI

70 Standard; 80+, 90+ Optional

Dual CCT

Available

Lumen Maintenance

345,000 hr, LML0

CCT

Standard: 4000K
Optional: 1700 - 5700K

Dimming

Std. 0-10; Optional DALI

Optical Adjustment

63° - 75° Full cut-off

Optical Distribution

Asymmetrical, w/field-adjustable cut-off

Limited Warranty

7 years

Dark Light Original: Light and Power Specifications

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver
DL-01-320AC ¹	54,700	171	320	180-528 Vac/250-740 Vdc	Internal*
DL-01-400AC ¹	68,400	171	400	180-528 Vac/250-740 Vdc	Internal*
DL-01-600AC ^{1,2}	102,600	171	600	180-528 Vac/250-740 Vdc	Remote
DL-01-600DC-24V ^{1,2}	102,600	171	600	24 Vdc	Remote
DL-02-800AC ^{1,2}	136,800	171	800	180-528 Vac/250-740 Vdc	Remote
DL-02-1200AC ^{1,2}	205,200	171	1200	180-528 Vac/250-740 Vdc	Remote
DL-03-1800AC ^{1,2}	307,800	171	1800	180-528 Vac/250-740 Vdc	Remote

¹ Industrial & Architectural available

² Dual color available (1700-5700K)

* Optional Remote Available



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Dutch Engineered, and built with passion

JEL Products

info@jelproducts.nl
www.jelproducts.nl

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