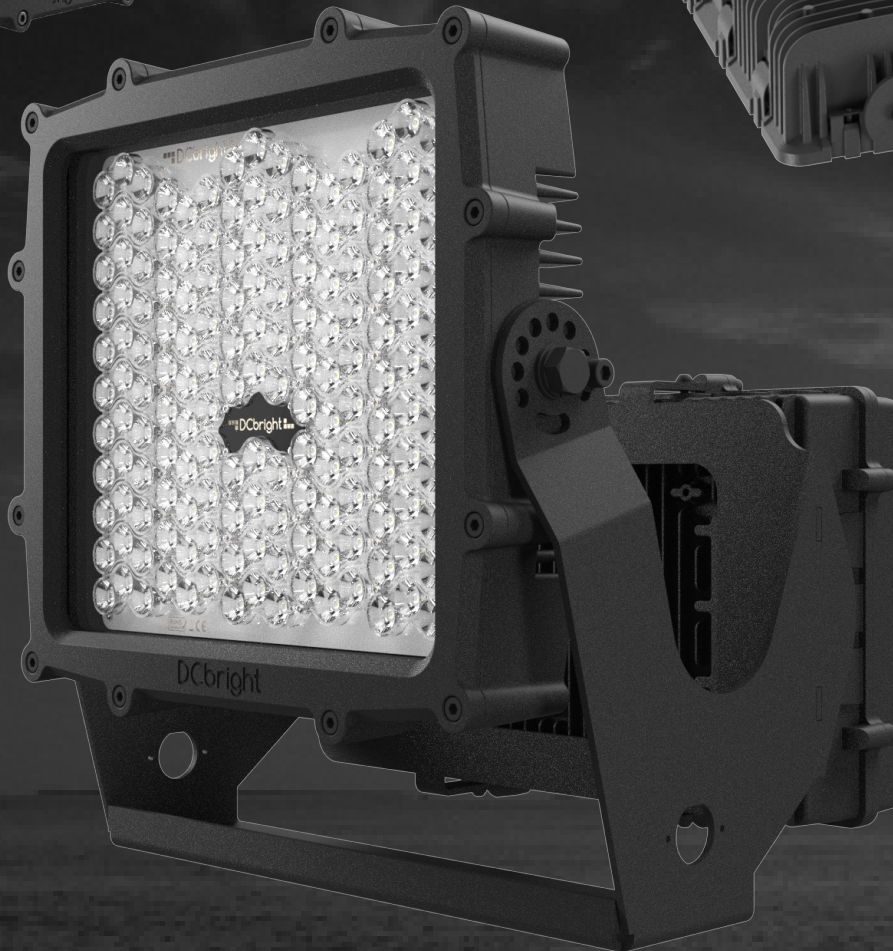
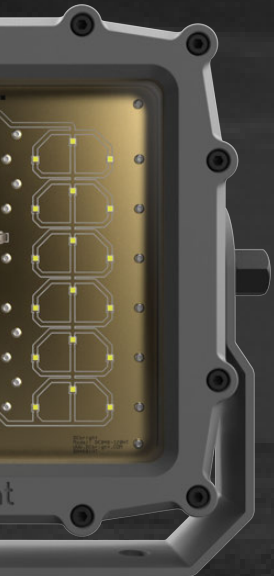
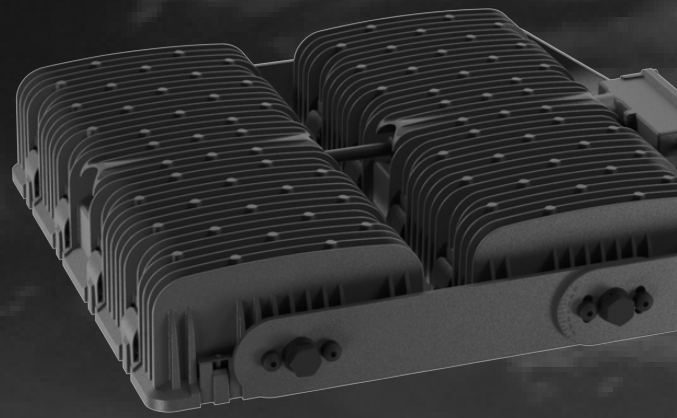


THE WORLD'S HIGHEST PERFORMING
INDUSTRIAL LED LIGHTS



MINING

CONSTRUCTION

INDUSTRIAL

MARITIME



The world's highest performing industrial lights

Since its founding JEL Products has been a trusted provider of durable and sustainable lighting solutions. Our luminaires are designed for extreme environments, excelling in industries such as construction, mining, maritime operations and heavy industry. With a proven record and expertise in extremes such as high ambient temperature applications, we deliver solutions that perform where others cannot.

This catalog highlights our range of exceptional industrial and commercial luminaires, blending cutting-edge European design with the highest-quality components to meet the demands of the most challenging conditions.





Contents

General information 4

DCbright Standard Features 4

Dark Licht Standard Features 5

Meet the new products for 2025 6

Industry Special Lighting 7

Stainless Steel Series 7

High Temperature Series 8

Industrial Driverboxes 9

High Temperature Linear Fixtures 10

Worklights 11

DCbright Goby - <6.500 lm 11

DCbright Piranha - <8.500 lm 12

DarkLicht S & M - <12.000 lm 13

LED Floodlights 14

DCbright Moray - <4.000 lm 15

DCbright Snapper - <26.400 lm 16

DCbright Snapper HC - <83.000 lm 17

DCbright Barracuda - <44.100 lm 18

DCbright Shark - <50.000 lm 19

DCbright Orca - <111.300 lm 20

Glare Free Lighting 21

Dark Licht GlareFree Lighting Features 21

Dark Licht: DL1, DL2, DL3 | Glare-free Area Lighting <288.000 lm 22

Dark Licht: DL-S, DL-M, DL-D | Glare-free Area Lighting <32.000 lm 23

Accessoires 24

Controls & Switches 24

Stabilizing Brackets 25

Crane Brackets 26

NOTES

DCbright

Standard Features

Every DCbright product is carefully designed with premium materials and fully integrated features to deliver truly superior luminaires.

LEDs from the world's leading suppliers

Housings made from highest quality components:

- High quality, low-Copper, Aluminum alloy castings
- 13 stage pretreatment of castings, accessories followed by a two layer Titanium based baked epoxy paint finish
- 316 stainless steel components, as well complete 316L stainless steel housings for various models
- High tensile strength steel mounting arms

UV coated polycarbonate or high impact glass front covers

Multiple electrical component safeguards:

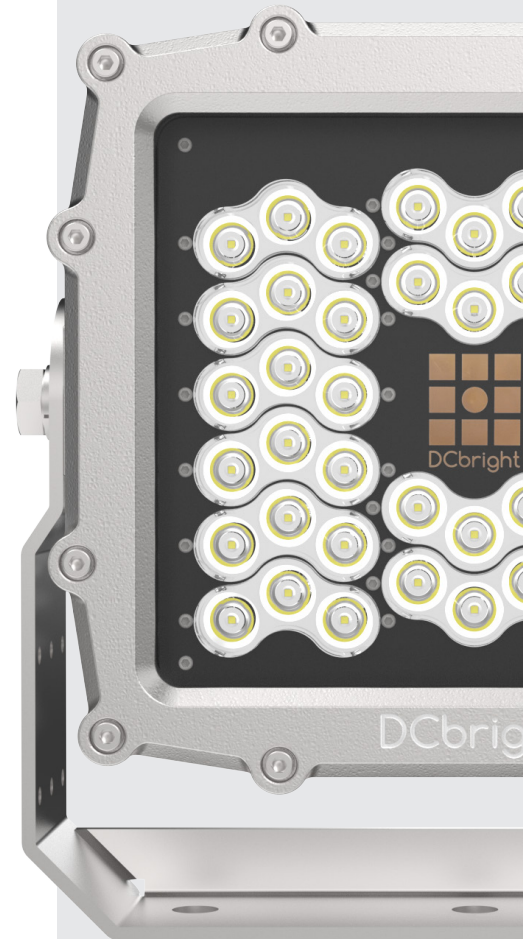
- Active / -reverse polarity protection
- Over-voltage protection
- Transient voltage protection
- Active and dump load transient protection
- Surge protection
- Inrush current limiter
- EMV – EMC suppression
- Short circuit protection

Fit/Finish/Test:

- Expertly designed circuit boards with highly efficient thermal transfer from LED junction to heatsink and housing transfer resulting in industry-leading LM80 lifetimes for industrial applications.
- Anti vibration component placement and design.
- Rigorous in-house and third party mechanical and ingress testing.
- All product go through rigorous multi-step burn in, test and quality control procedures before packaging and shipment.
- Many of these products are build-to-order, JIT production discipline.

Warranties that meet—and beat industry standards

Product	Application	Warranty
DCbright Fixtures	Industrial Lighting	5 Years
DCbright High Temperatures	(HT) Fixtures	3 Years
Dark Licht DL1, DL2, DL3, D-series	Area Lighting	7 Years
Dark Licht S, M, D-series	Industrial Lighting	5 Years
DCbright Remote Driver Box	Industrial Lighting	5 Years
Crane Brackets, Stabilizing Brackets	Industrial Lighting	5 Years



Dark Light™

Standard Features

Dark Light fixtures feature a patented parabolic reflector for superior, glare-free illumination in industrial and area lighting applications.

Glare Free & Highly Efficient Reflector System

Powerful LED light sources are discreetly positioned behind the reflector system, rendering them invisible and glare-free outside the field of view. Dark Light luminaires are designed to direct light downward, while a sophisticated reflector system pushes the light forward, eliminating any unnecessary glare.

Glare Free Lighting is:

- **Safer Lighting**

Glare from poorly designed LED light sources can impair the vision of drivers, even causing temporary blindness, causing a road safety hazards. Glare-free Dark Light fixtures minimize dangerous nighttime driving situations.

- **Environmentally Friendly Lighting**

With unparalleled ability to control light trespass and glare, Dark Light luminaires creates minimal light pollution.

- **Dark Sky Compliant Lighting**

Dark Light fixtures ordered with low-CCT LEDs have been shown to comply with the most stringent Dark Sky specifications, including the new DS-1 specification.

- **Economical Lighting**

Because of the inherent efficiency of Dark Light series luminaires, all the available photons are directed precisely to its intended destination. This functional efficiency enables designs that require fewer luminaires to light a given site to a given level allowing for reduced energy of as much as 30-50%, when compared to conventional area lighting fixtures.

Lighting accessories and controls built with precision and durability.

In addition to our fixtures DCbright has developed a series of crane-based lighting accessories, self-stabilizing brackets and tower crane brackets for complete construction site support. Additionally, DCbright has also developed a mobile app-based lighting control system, to efficiently manage lighting operations across the entire worksite.

Dark Light fixtures also provide uniform, glare-free illumination with incredibly sharp cut-offs and accurate color rendering to enhance visibility and safety.



1. Parabolic reflectors and glare-free optics
2. Modular Rotating Reflectors move in both directions by 90° to completely alter the light distribution of the fitting
3. Adjustable Full Cut-Off Enables modification of the forward asymmetric light distribution from 63° to 75°



JEL Products

Stainless Steel Series



Corrosion-resistant stainless steel durable lighting

At JEL Products, we offer a range of luminaires and driver enclosures crafted from 316L stainless steel, providing exceptional resistance to corrosion, rust, and staining. Designed to perform in the toughest conditions, these fixtures excel in environments exposed to saltwater, chlorides, and other corrosive chemicals.

Minimal Maintenance, Maximum Performance.

The low-maintenance nature of 316L stainless steel is a game-changer for installations in hard-to-service locations. With a long lifespan and reliable performance, our fixtures ensure consistent illumination with minimal upkeep, saving time and resources.

The durable, sustainable choice.

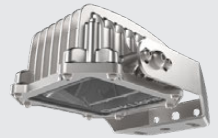
316L stainless steel not only offers unmatched durability but also maintains its clean, polished appearance in harsh conditions. This makes it an ideal solution for architectural projects where aesthetics are just as important as performance. Fully recyclable, it's the sustainable option for environmentally conscious projects.

Built for Corrosion and Heat.

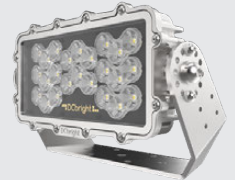
When extreme environments demand more, our 316L stainless steel fixtures are available in configurations that combine corrosion resistance with high-temperature capabilities, ensuring reliable lighting even in these conditions.



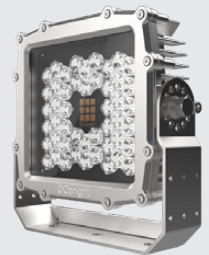
Piranha: 8,400 lm
PI9-70AC-SS
PI9-70DC-SS



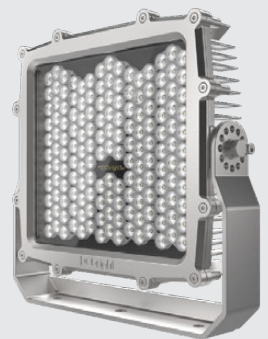
Dark Licht: 9,600 lm
DLM-60DC-SS
DLM-60AC-SS



Snapper: 25,000 lm
SN24-150DC-SS
SN24-180AC-SS



Barracuda: 44,100 lm
BA48-320AC-SS
BA48-120AC-SH



Orca: 111,300 lm
OR156-800AC-SS
OR156-800DC-SS

JEL Products

Marine Series



Goby
4,500 - 7,200 lm



Marlin
12,500 - 16,300 lm



Snapper
23,800 - 31,000 lm



Dark Licht M30
4,900 lm



Dark Licht M150
18,400 lm



Dark Licht M300
36,800 lm

Engineered for the Harshest Marine Environments.

Our Marine Series luminaires are specifically designed to endure the toughest conditions found in marine environments. With housings made from corrosion-resistant aluminum and 316 stainless steel, they are engineered to withstand saltwater, high humidity, and constant exposure to the elements. These luminaires are built with longevity in mind, offering unbeatable durability for ships, offshore platforms, and other maritime applications.

Maximum Protection and Safety

Safety is at the core of our Marine luminaires. Equipped with comprehensive electrical component safeguards, including surge protection, short circuit protection, over-voltage protection, and more, our products ensure reliable operation even in the most demanding maritime environments. These safety features provide peace of mind, protecting both the luminaire and the vessel or facility from electrical mishaps and maintaining consistent performance throughout their lifespan.

Uncompromising Performance in All Conditions

The Marine Series is built for optimal performance in challenging weather conditions. With UV-coated polycarbonate or high-impact glass front covers, these luminaires maintain their integrity even in extreme exposure to sunlight, saltwater, or wind. Designed to provide brilliant illumination no matter the environment, they guarantee consistent lighting quality while ensuring the highest level of protection against harsh marine elements.

Built to Last with Precision Engineering

The luminaires in our Marine Series undergoes rigorous testing to ensure that it meets the highest industry standards for performance and reliability. With expertly designed circuit boards for superior heat dissipation and mechanical components that undergo stringent vibration and ingress testing, our products are built to provide a long operational life. The use of premium materials, like high-tensile steel and precision components, ensures that every luminaire can withstand the challenging maritime environment for years.

JEL Products

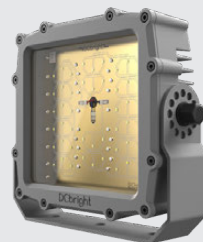
High Temperature Series



Goby HT: 2,300 lm
GO9-13AC-HT



Snapper HT: 7,000 lm
SN48-35AC-HT



Barracuda HT: 20,600 lm
BA48-120AC-HT



Orca HT: 39,000-52,000 lm
OR70 240AC-HT-OP*
OR70 320AC-HT-OP*



Orca HT: 64,000 lm
OR156 320AC-HT

*OP: Optical lenses available

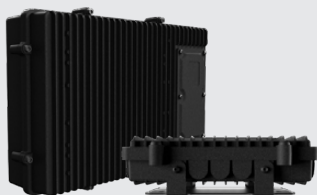
Reliable Lighting Solutions for High-Temperature Environments

When it comes to lighting in extreme heat, every detail matters. Our luminaires are engineered to excel in environments up to +120°C (+248°F), where others fail. A key design element is the use of external drivers, positioned away from heat sources to maintain long-term reliability. But that's just the beginning.

We go further to ensure durability and performance. With silicone cabling and a heat-facing luminaire body crafted from specially treated and prepared materials, our fixtures are the most temperature-resistant LED lights available worldwide.

Whether your application requires floodlighting or spotlighting, we have you covered with configurations tailored to your needs. For environments where high heat meets corrosive elements, a stainless steel option ensures unmatched longevity and resilience.

Remote Driverbox for temperature protection and convenience



Our Industrial driverbox can be used with all of our high temperature fixtures. With a IP67 rating, 100.000 hour life, and a limited 5 year warranty. Withstands temperatures up to +50°C / +122°F, ensuring reliability in tough environments.

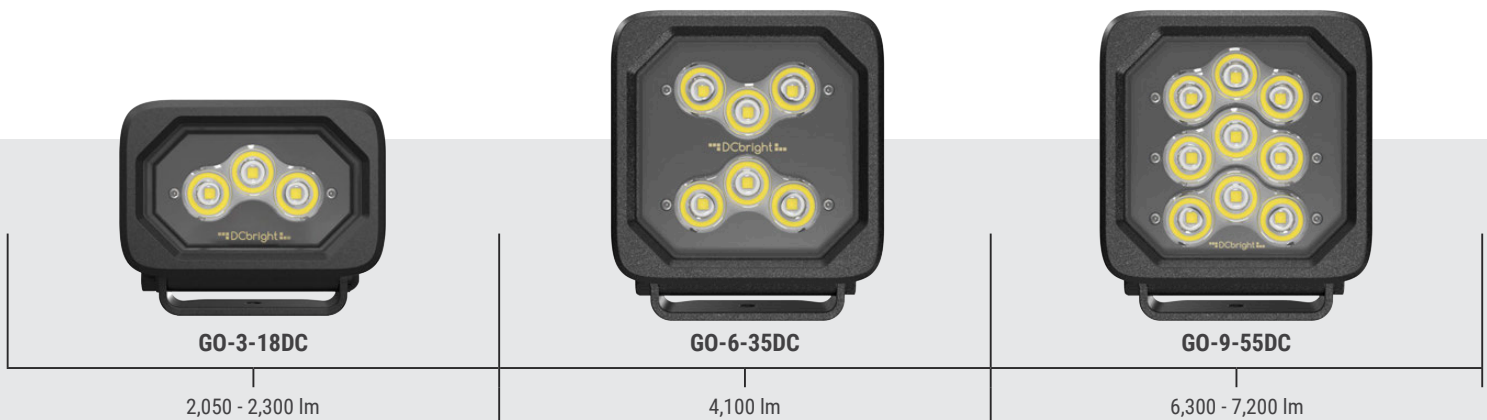
440 mm x 290 mm x 145 mm or 275 mm x 200 mm x 85 mm



Unstoppable Light for Demanding Operations

The Goby Series delivers powerful, reliable illumination where you need it most. Engineered for extreme durability, these compact yet high-output LED work lights provide up to 7,200 lumens of crisp, clear light. With rugged IP69K and IK10 protection, wide operating temperatures, and up to 360,000 hours of lumen maintenance, the Goby is built to perform in the toughest conditions. Flexible optics, multiple power options, and precise fixture adjustment ensure maximum visibility and efficiency for any application.

DCbright Goby – Small Size. Big Power. Maximum Reliability.



Goby: Common Specifications PRO=Enhanced Version

Size

120 mm x 141 mm x 79 mm
4.7 in x 5.5 in x 3 in

Weight

Standard Aluminum:
GO-3: 1.1 kg / 2.4 lb*
GO-6 & GO-9: 1.8 kg / 4.0 lb

Operating Temperature

Standard:
-40°C / -40°F < 50°C / 122°F

Cable / Remote Driver

Housing-mounted DT04-2P

Ingress / Impact Protection

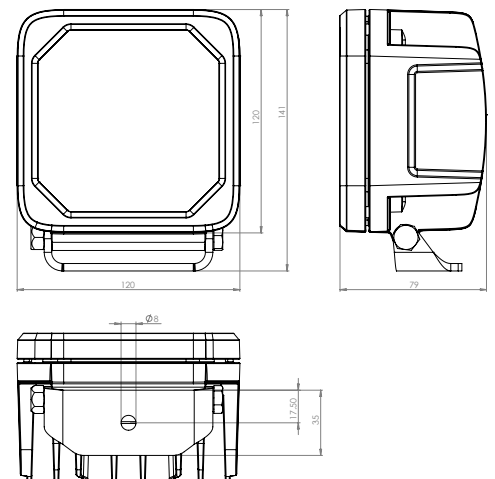
IP69K, IK10

Fixture Adjustment

-60° to +30°, continuous

Lumen Maintenance

360,000 hr, LM70*



* Specifications differ per product.

Goby: Light and Power Specifications PRO=Enhanced Version

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
GO-3-18DC-12-24V-PRO ³	2,050	120	18	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-3-18DC-12-24V ¹	2,300	128	18	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-6-35DC-24V ^{1 3}	4,100	120	35	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-6-35DC-12-24V	4,100	120	35	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-6-55DC-24V-PRO	4,600	131	35	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-6-35DC-12-24V-PRO ³	4,600	131	35	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-9-55DC-24V ^{1 3}	6,300	115	55	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-9-55DC-12-24V	6,300	115	55	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-9-55DC-24V-PRO ³	7,200	131	55	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-9-55DC-12-24V-PRO	7,200	131	55	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
GO-9-65DC-24-ULTRA ¹	8,200	126	65	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year

¹ Dual color available
(2200 - 6500K)

² Optional: 1800 - 6500K

³ Marine version available

Piranha

Vehicle-Mounted Spotlighting 5.300 - 8.400 lm



Rugged Power. Extreme Performance.

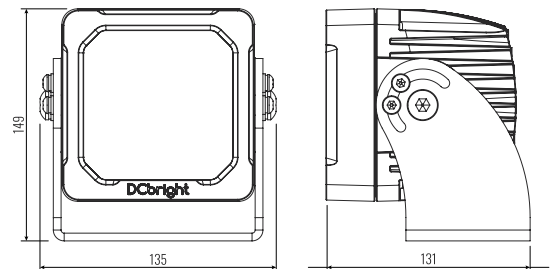
The Piranha Series is built to thrive in the harshest environments, delivering up to 8,400 lumens of intense, reliable light. With a heavy-duty design available in stainless steel and high-temperature variants, Piranha withstands extreme heat, impact, and vibration while ensuring long-lasting performance. Rated IP69K and IK10, these lights resist water, dust, and shocks with ease. Offering versatile optics, wide voltage ranges, and flexible adjustment angles, Piranha guarantees precision illumination for the toughest industrial, marine, and heavy-equipment applications.

DCbright Piranha – Tough. Bright. Unstoppable.



Piranha: Common Specifications SS=Stainless Steel, HT=High Temperature

Size	Operating Temperature	Ingress / Impact Protection
135 mm x 149 mm x 131 mm 5.3 in x 5.9 in x 5.2 in	Standard / SS: -40°C / -40°F < 50°C / 122°F	IP69K, IK10
Weight	HT / Stainless Steel HT: -45°C / -49°F < 120°C / 248°F	Fixture Adjustment
Standard Aluminum / HT: 3.1 kg / 6.8 lb	Cable / Remote Driver	-45° to +90°, continuous
Stainless Steel / Stainless Steel HT: 5 kg / 11 lb	Standard / SS: 2 m PUR	Lumen Maintenance
	HT / Stainless Steel HT: 2 m Silicone	360,000 hr, LM70*



* Specifications differ per product.

Piranha: Light and Power Specifications SS=Stainless Steel, HT=High Temperature

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
PI9-45DC-24V	5,300	117	45	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI6-55DC-24V	6,300	115	55	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI6-55DC-12-24V	6,300	115	55	12-24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI6-55DC-24V-SS	6,300	115	55	12-24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI6-55DC-12-24V-SS	6,300	115	55	12-24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI9-70DC-24V	8,400	120	70	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI9-70AC ¹	8,400	120	70	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI9-70AC-SS ¹	8,400	120	70	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI9-70AC-SS + frame ¹	8,400	120	70	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year
PI9-70DC-24V-SS	8,400	120	70	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year

¹ Dual color available
(2200-6500K)

² Optional: 1800-6500K

Moray

Marine Spotlighting 1.860 – 5.100 lm



Compact Design. Reliable Performance.

The Moray Series delivers powerful illumination in a sleek, lightweight design. With outputs up to 5,100 lumens, Moray is engineered for environments where space is limited but reliability is critical. Built with IP69K / IK08 protection, it withstands dust, water, and impact while operating in extreme temperatures up to +248°F (120°C) in its high-temperature version. Featuring stepless $\pm 90^\circ$ adjustment, multiple voltage options, and versatile optics, Moray ensures tailored, efficient lighting for industrial, marine, and utility applications.

DCBright Moray – Light Weight. Great Versatility.



Moray: Common Specifications HT=High Temperature

Size

213 mm x 220 mm x 83 mm
8.4 in x 8.6 in x 3.2 in

Weight

Standard Aluminum / HT
1.5 kg / 3.3 lb

Operating Temperature

Standard:
-40°C / -40°F < 50°C / 122°F

HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver

Standard: 2 m PUR
HT: 2 m Silicone

Ingress / Impact Protection

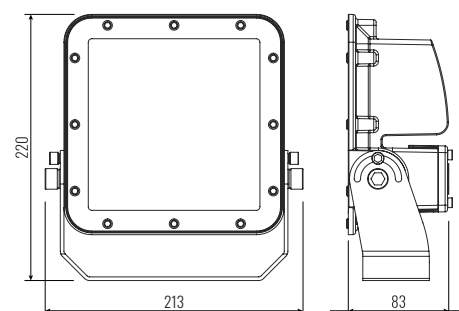
IP69K, IK08

Fixture Adjustment

$\pm 90^\circ$, stepless

Lumen Maintenance

272,000 hr, LM70*



* Specifications differ per product.

Moray: Light and Power Specifications HT=High Temperature

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
MO-16-25AC-50x2	4,200	172	25	90-305 Vac	100s of options	5000K ²	3 year
MO-16-30DC-24V-50x2	5,100	171	30	24 Vdc	100s of options	5000K ³	3 year
MO-15-30AC-HT	1,860	186	10	90 - 305 Vac	NOP	1800 - 6500K	3 year

¹ Dual color available
(2200-6500K)

² Optional: 1800-6500K

³ Optional: 1700-5700K

Snapper

Spotlighting 7.000 - 25.000 lm

Durable Design. Powerful Illumination.

The Snapper Series is engineered for high-performance lighting in the toughest environments. Offering up to 31,000 lumens, Snapper is built to deliver reliable illumination where precision and durability are paramount. With the robust high temperature version, it thrives in extreme temperatures up to 248°F (120°C), ensuring continued performance even in harsh conditions. Snapper's versatile fixture design features stepless ±90° adjustment, multiple voltage options, and customizable optics to provide efficient, adaptable lighting for industrial and chemical applications.

DCBright Snapper – Versatile Optics. Superior Illumination.



Snapper: Common Specifications SS=Stainless Steel, HT=High Temperature, NOP=No Optics, CHEM=Chemical Protection

Size

312 mm x 181 mm x 118 mm
12.2 in x 7.1 in x 4.6 in

Weight

Standard Aluminum / HT:
3.1 kg / 6.8 lb

Stainless Steel:
7 kg / 15.4 lb

Operating Temperature

Standard / SS:
-40°C / -40°F < 50°C / 122°F

HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver

Standard / SS: 2 m PUR

HT: 2 m Silicone

Ingress / Impact Protection

IP67 IK08, SS: IP69K, IK08

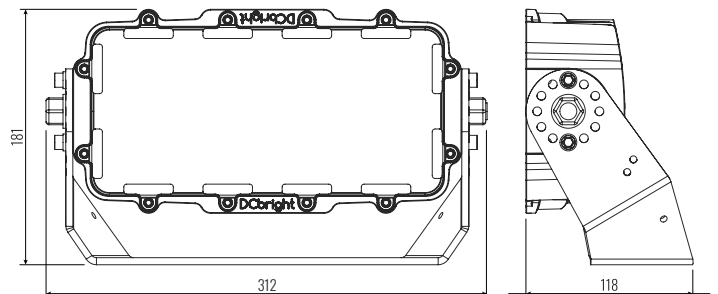
Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

Standard / SS:
345,000 hr, LM70*

HT: 272,000 hr, LM70



* Specifications differ per product.

Snapper: Light and Power Specifications SS=Stainless Steel, HT=High Temperature, NOP=No Optics, CHEM=Chemical Protection

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
SN-48-35AC-HT	7,000	200	35	90-305 Vac	120° (NOP)	5000K ²	3 year
2x SN-48-35AC-HT	2 x 7,000	200	2 x 35	90-305 Vac	120° (NOP)	5000K ²	3 year
SN-48-35AC-HT-SS	7,000	200	35	90-305 Vac	120° (NOP)	5000K ²	3 year
SN-48-35AC-HT-SS-CHEM	7,000	200	35	90-305 Vac	120° (NOP)	5000K ²	3 year
SN-48-35AC-HT-SS-CHEM-U	7,000	200	35	90-305 Vac	120° (NOP)	5000K ²	3 year
SN-48-150DC-24V ⁴	25,000	168	150	24 Vdc	30°, 60°	5000K ³	3 year
SN-48-150DC-24V-NOP	32,000	213	150	24 Vdc	120° (NOP)	5000K ³	3 year
SN-24-150DC-24V-SS ¹	22,000	147	150	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
SN-48-180AC ^{1,4}	31,000	173	180	90-305 Vac	30°, 60°	5000K ³	3 year
SN-24-180AC-SS ¹	23,800	132	180	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year
SN-24-180AC-SS-CHEM-U	23,800	132	180	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year

¹ Dual color available
(2200-6500K)

² Optional: 1800-6500K

³ Optional: 1700-5700K

⁴ Marine version available

Snapper HC

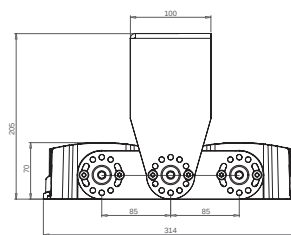
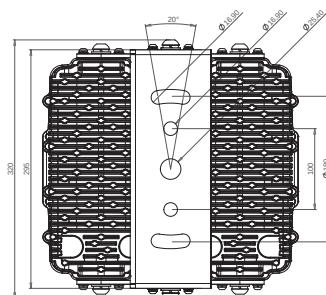
Spotlighting 49.500 – 83.000 lm



Industrial Power. Unyielding Reliability.

The Snapper HC Series is built for high-intensity lighting in heavy-duty industrial applications, including harbor cranes. With outputs ranging from 49,000 to 83,000 lumens, Snapper HC delivers exceptional performance under the harshest conditions. Designed with IP67 and IK08 protection, it is resilient to dust, water, and impact, operating flawlessly in temperatures up to 122°F (50°C). Featuring precise $\pm 240^\circ$ adjustment and a wide range of optics, Snapper HC ensures powerful and customized lighting for your demanding operations.

DCbright Snapper HC – Engineered for Harbour Cranes.



Snapper HC: Common Specifications

Size & Weight

Snapper HC x2:
320 mm x 314 mm x 205 mm
12.6 in x 12.4 in x 9.9 in
9.9 kg / 21.8 lb

Snapper HC x3:
320 mm x 484 mm x 205 mm
12.6 in x 19.1 in x 9.9 in
12.6 kg / 27.8 lb

Operating Temperature

Standard:
-40°C / -40°F < 50°C / 122°F

Cable / Remote Driver

Standard / SS: 2 m PUR

Ingress / Impact Protection

IP67, IK08

Fixture Adjustment

$\pm 180^\circ$, 30° steps

Lumen Maintenance

Standard:
345,000 hr, LM70

* Specifications differ per product.

Snapper HC: Light and Power Specifications

Model	Lumens (5000K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
SNx2-48-320AC-HC ¹	55,000	166	320	90-305 Vac	100s of options	5000K ²	3 year
SET 2xSNx2-48-320AC-HC	110,000	166	320	90-305 Vac	100s of options	5000K ²	3 year
SNx2-48-300DC-HC	44,100	147	300	24 Vdc	100s of options	5000K ²	3 year
SNx3-48-400/500AC-HC ¹	73,000	183	400	90-305 Vac	100s of options	5000K ²	3 year
SET SNx3-48-400/500AC-HC	146,000	183	400	90-305 Vac	100s of options	5000K ²	3 year
SNx3-48-450DC-HC	66,200	147	450	24 Vdc	100s of options	5000K ²	3 year

¹ Dual color available
(2200-6500K)

² Optional: 1700-5700K

Marlin

Spotlighting 12.500 - 18.000 lm



Compact Power. Advanced Performance.

Introducing the Marlin Series: the ideal solution for those seeking powerful lighting in a compact, efficient design. With lumen outputs ranging from 12,500 to 18,000 lm, Marlin delivers exceptional illumination while maintaining a small footprint. Designed with IP69K and IK10 ingress protection, it is built to thrive in the harshest environments, performing reliably in extreme temperatures up to 122°F (50°C).

Perfect for a wide range of industrial, automotive, and utility applications, Marlin provides versatile options with its +240° adjustable fixture and various optics, allowing precise customization for your lighting needs. The Marlin Series also features an impressive 360,000+ hour lifespan, ensuring long-lasting performance and reduced maintenance costs. Available in dual-color models, the Marlin is your reliable, energy-efficient lighting solution for even the toughest jobs.

DCbright Marlin – Small Package. Big Impact.



Marlin: Common Specifications

Size	Operating Temperature	Ingress / Impact Protection
0 mm x 0 mm x 0 mm (TBA) 0 in x 0 in x 0 in (TBA)	Standard: -40°C / -40°F < 50°C / 122°F	IP69K, IK10
Weight	Cable / Remote Driver	Fixture Adjustment
Standard Aluminum: 0 kg / 0 lb (TBA)	Standard: 2 m PUR	±240°, 30° steps
		Lumen Maintenance
		>360,000 hr, LM70 *

* Specifications differ per product.

Marlin: Light and Power Specifications

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
MA-24-85DC-24V ¹	12,500	141	85	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
MA-24-120DC-24V ¹	16,900	141	120	24 Vdc	14°, 38°, 70°, 14x46°	5000K ²	3 year
MA-24-120AC ¹	18,000	150	120	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ²	3 year

¹ Dual color available
(2200-6500K)

² Optional: 1800-6500K

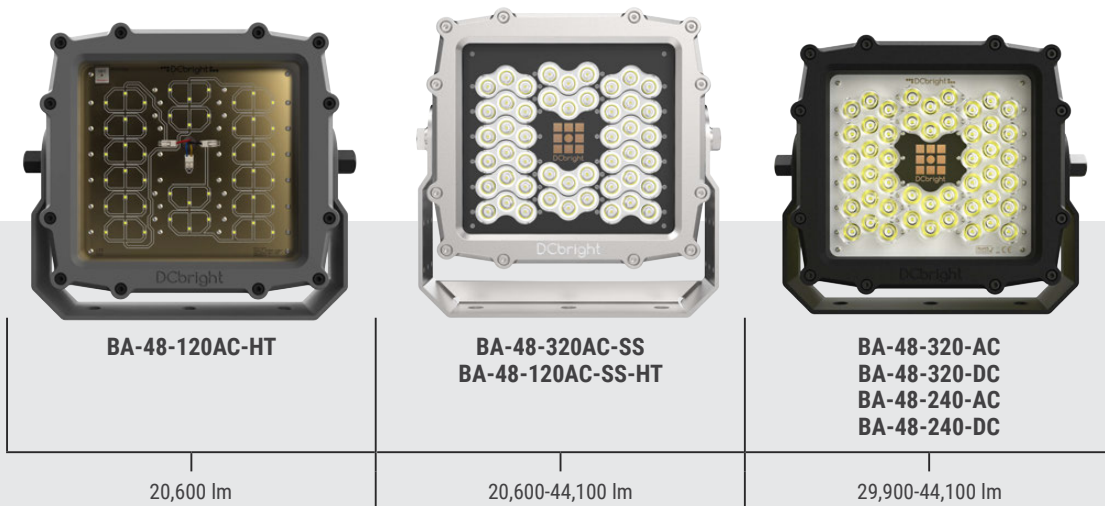
Barracuda

Spotlighting 20.600 - 44.100 lm



Ultimate Strength. Unmatched Protection.

The Barracuda Series is built to deliver powerful lighting for the most demanding environments, including those requiring high-temperature and radiation protection. With outputs ranging from 20,600 to 44,100 lumens, Barracuda provides reliable, high-efficiency illumination. Barracuda features IP69K / IK10 protection, it is engineered to withstand extreme conditions, including temperatures up to 248°F (120°C) in the high-temperature version. Barracuda has, a variety of optics options, and optional radiation protection, ensuring durability and flexibility for industrial, marine, and hazardous environments.



Barracuda: Common Specifications SS=Stainless Steel, HT=High Temperature, RAD=Radiation Protection, PRO=Enhanced Version

Size

342 mm x 298 mm x 88 mm
13.4 in x 11.7 in x 3.5 in

Weight

Standard Aluminum / HT:
10.1 kg / 22.3 lb

Stainless Steel /
Stainless Steel HT:
16 kg / 35.3 lb

Operating Temperature

Standard / Stainless Steel:
-40°C / -40°F < 50°C / 122°F

HT / Stainless Steel HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver

Standard / SS: 2 m PUR
HT / Stainless Steel HT:
2 m Silicone

Ingress / Impact Protection

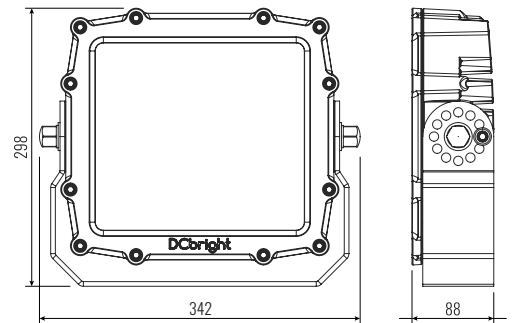
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

360,000 hr, LM70



* Specifications differ per product.

Barracuda: Light and Power Specifications SS=Stainless Steel, HT=High Temperature, RAD=Radiation Protection, PRO=Enhanced Version

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
BA-48-120AC-HT	20,600	172	120	90-305 Vac	120°	5000K ³	3 year
BA-48-120AC-SS-HT	20,600	172	120	90-305 Vac	120°	5000K ³	3 year
BA-33-150AC-IN	22,400	149	150	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-240AC ²	36,000	150	240	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-240DC-24V ²	33,800	141	240	24 Vdc	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-320AC ^{1,2}	44,100	138	320	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-320DC-24V ²	40,800	127	320	24 Vdc	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-320AC-SS ^{1,2}	44,100	138	320	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-320AC-SS-RAD	44,100	138	320	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-120AC-SS-HT-RAD	20,600	172	120	90-305 Vac	120°	5000K ³	3 year
BA-48-320AC-SS-RAD-PRO	44,100	138	320	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
BA-48-120AC-SS-HT-RAD-PRO	20,600	172	120	90-305 Vac	120°	5000K ³	3 year

¹ Rear mounted bracket available

² Dual color available
(2200-6500K)

³ Optional: 1800-6500K

Shark

Spotlighting 44.600 - 50.000 lm



Maximum Power. Versatile Performance.

The Shark Series is engineered for high-performance lighting in demanding environments. With output options up to 50,000 lm and a robust design, Shark offers exceptional illumination while ensuring reliability in extreme conditions. Featuring advanced IP69K and IK10 ingress protection, the Shark Series is perfect for tough industrial applications, capable of withstanding harsh temperatures ranging from -40°C to 50°C. The fixture's adjustable design ensures optimal light distribution, with a long lifespan of 345,000 hours. Available in multiple configurations, including dual-color and a range of optics, the Shark is your go-to solution for reliable, energy-efficient lighting.

DCbright Shark – Uncompromising Strength. Unmatched Performance.



SH-66-320AC
SH-66-320DC-24V
SH-66-320DC-60V

44,600 - 50,000 lm

Shark: Common Specifications NOP=No Optics

Size

335 mm x 349 mm x 88 mm
13.2 in x 13.7 in x 3.5 in

Weight

Standard Aluminum:
9.2 kg / 20.3 lb

Operating Temperature

Standard:
-40°C / -40°F < 50°C / 122°F

Cable / Remote Driver

Standard: 2 m PUR

Ingress / Impact Protection

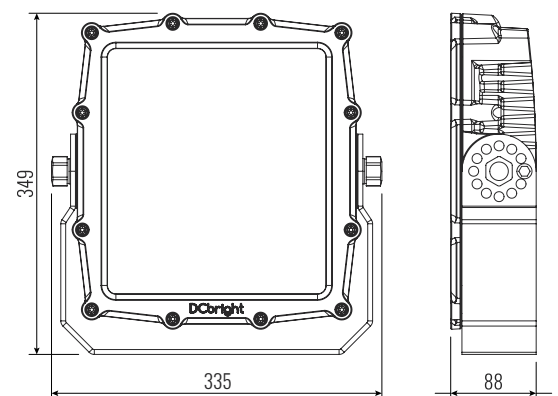
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

345,000 hr, LM70*



* Specifications differ per product.

Shark: Light and Power Specifications NOP=No Optics

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
SH-120-240AC-NOP	47,500	198	240	90-305 Vac	120°	5000K ³	3 year
SH-66-320AC ^{1 2 4}	50,000	156	320	90-305 Vac	14°, 38°, 70°, 14x46°	5000K ³	3 year
SH-66-320DC-24V ^{1 2 4}	44,600	144	320	24 Vdc	14°, 38°, 70°, 14x46°	5000K ³	3 year
SH-66-320DC-60V ⁴	44,600	144	320	60 Vdc	14°, 38°, 70°, 14x46°	5000K ³	3 year

¹ Rear mounted bracket available

² Dual color available
(2200-6500K)

³ Optional: 1800-6500K

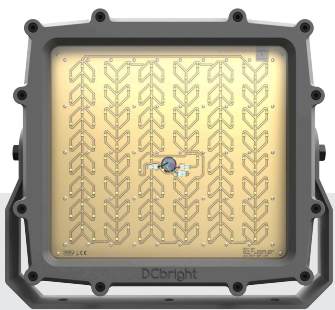
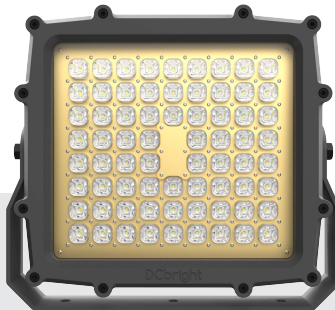
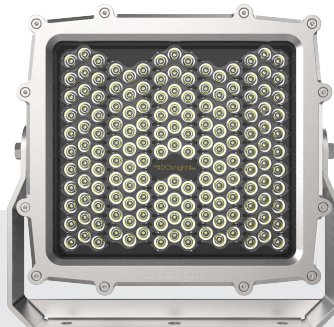
⁴ Marine version available



Supreme Power. Unrivalled Durability.

The Orca Series offers powerful, durable, and versatile lighting solutions for a range of industrial applications. With high-efficiency LED technology, the Orca provides impressive lumen outputs up to 111,300 lm, ensuring superior illumination even in challenging environments. Its robust stainless steel and high-temperature options deliver unmatched performance in extreme conditions, with advanced ingress protection (IP69K, IK10) and adjustable fixture settings for precise light distribution. Whether you need a standard model or high-temperature options, Orca's durability, long lifespan (360,000 hours), and energy-efficient design make it the perfect choice for demanding operations. Trust Orca for reliable, high-performance lighting you can count on.

DCbright Orca – Power. Precision. Perfection.

			
OR-156-800AC OR-156-800DC-24V	OR-156-240AC-HT	OR-70-240AC-HT-OP OR-70-320AC-HT-OP	OR-156-800AC-SS
39,000-52,000 lm	55,400 lm	100,200-111,300 lm	100,200-111,300 lm

Orca: Common Specifications SS=Stainless Steel, HT=High Temperature, OP=Optics Available

Size

500 mm x 441 mm x 96 mm
19.6 in x 17.3 in x 3.7 in

Weight

Standard Aluminum / HT:
22.7 kg / 50 lb

Stainless Steel /
Stainless Steel HT:
32 kg / 70.5 lb

Operating Temperature

Standard / Stainless Steel:
-40°C / -40°F < 50°C / 122°F

HT / Stainless Steel HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver

Standard: 2 m PUR
HT: 2 m Silicone

Ingress / Impact Protection

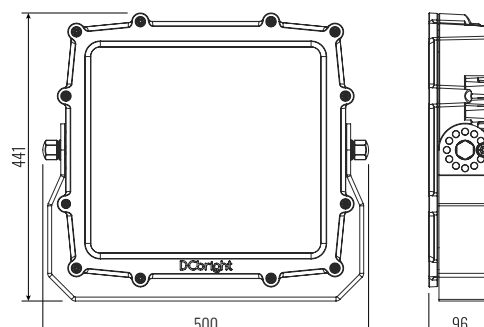
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

360,000 hr, LM70*



* Specifications differ per product.

Orca: Light and Power Specifications SS=Stainless Steel, HT=High Temperature, OP=Optics Available

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
OR-70-240AC-HT-OP	39,000	162	240	90-305 Vac	20°, 40°, 60°, 120°	6500K	3 year
OR-156-240AC-HT	55,000	230	240	180-528 Vac*	120°	6500K	3 year
OR-70-320AC-HT-OP	52,000	162	320	90-305 Vac	20°, 40°, 60°, 120°	6500K	3 year
OR-156-800AC ^{1 2}	111,300	139	800	180-528 Vac*	14°, 38°, 70°, 14x46°	5000K ³	3 year
OR-156-800DC-24V ²	100,200	125	800	24 Vdc	14°, 38°, 70°, 14x46°	5000K ³	3 year
OR-156-800AC-SS ²	111,300	139	800	180-528 Vac*	14°, 38°, 70°, 14x46°	5000K ³	3 year

¹ Rear mounted bracket available

² Dual color available
(2200-6500K)

³ Optional: 1800-6500K

* 250-740 Vdc Option Available

Accessories

Stabilizing Brackets



Illuminate your workspace with DCbright's self-leveling luminaire stabilizers. This innovative bracket ensures perfect alignment and minimal swing with every movement of the boom, providing optimal lighting in any situation. Wherever you install the product, our brackets provide stability and smooth movement, enhancing the quality of your site lighting.

DCbright stabilizing brackets are fixture-specific, with a wide variety of options and configurations. With robust construction and easy installation, our stabilizing brackets simplify the requirement to provide high-quality lighting at optimal levels to illuminate your working area. All stabilizing and crane brackets are made from 304/316 stainless steel with dual layer powder paint finish and come with a 5 year warranty.



Barracuda + Driver Stabilizing Bracket

Compatible luminaire:

BA-48-320AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

9.3 kg

Driver option:

Remote on bracket



Orca + Driver Stabilizing Bracket

Compatible luminaire:

OR-156-800AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

9.7 kg

Driver option:

Remote on bracket



Shark Stabilizing Bracket

Compatible luminaires:

SH-66-320AC

SH-66-320DC-60V

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

7.1 kg

Driver option AC:

Remote



Orca Stabilizing Bracket

Compatible luminaire:

OR-156-800AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

8.7 kg

Driver option:

Remote

Get in contact for an full list of the stabilizing bracket.

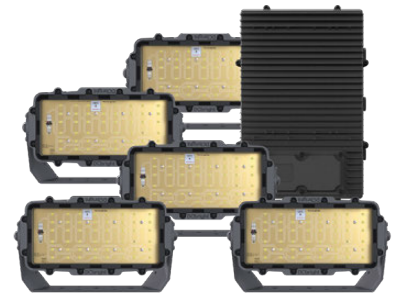


Driverboxes

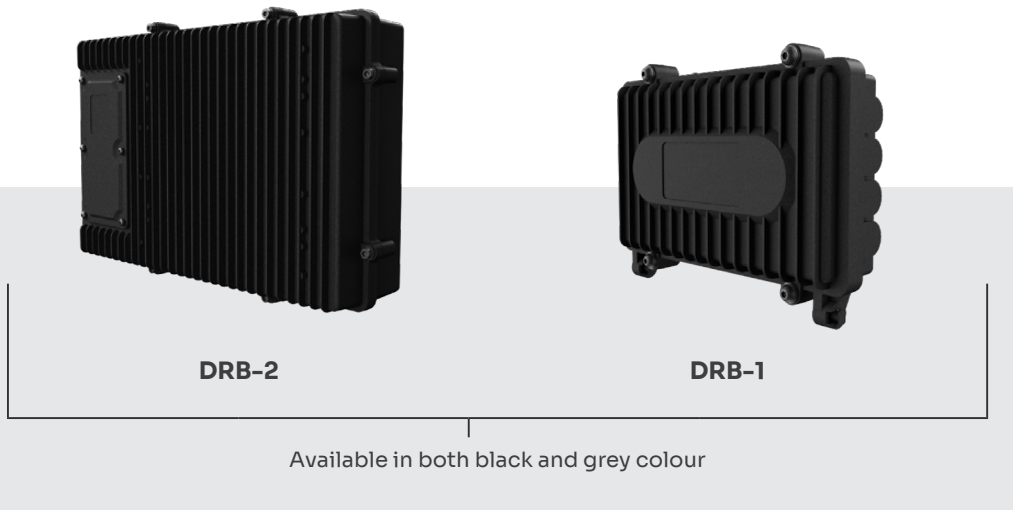
Industrial grade driverboxes

Our Industrial Driverboxes are a versatile and robust solution designed to enhance the performance and lifespan of our luminaires. With an IP67 rating, it offers complete protection against dust, water, and harsh conditions, while its remote installation capability ensures reduced heat exposure for optimal reliability.

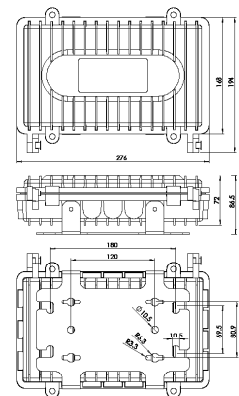
- **High Performance Drivers**
 - Low powerfactor
 - Wide variety of power
- **High thermally conductive housings**
- **Corrosion-resistant aluminum**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP67**
- **Impact resistant, IK08**
- **Many different AC and DC versions are available**



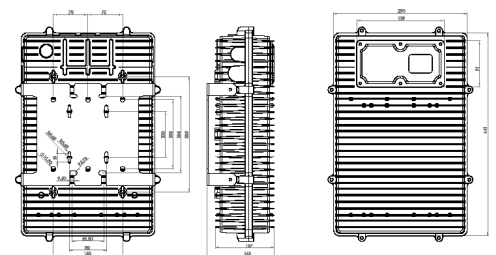
Which box type is best depends on configuration



Available in both black and grey colour



DRB-1



DRB-2

Common Specifications with regards to High Temperature Series

Size	Operating Temperature	Driver Lifespan
275 mm x 200 mm x 85 mm 10.8 in x 7.9 in x 3.3 in	-40°C / -40°F < 50°C / 122°F	100.000 hours
Power Factor	Driver combinations	
>0.95	DRB-1:	
	BA48-HT = 1	
	SN32-HT & GO9 = 2	
Weight	DRB-2:	
DRB-1: 4.2kg	OR156-HT = 2	
DRB-2: 10.4kg	BA48-HT = 4	
	GO9 & SN32-HT = 6	
	Ingress / Impact Protection	
	IP67, IK08	

Driverbox and Power Specifications Compatible with all HT and SS products, also available in Stainless Steel

Model	Power ranges	Voltage ranges	Compatible with these fixtures	Warranty	Control
DRB-1	35 - 320W	90-305 VAC / 180-528VAC	OR156 - SH66 - BA48 - SN32 - GO9 - PI9	5 year	Std: 0-10; Option: DALI, LoRa Mesh
DRB-2	35 - 1800W	90-305 VAC / 180-528VAC	OR156 - SH66 - BA48 - SN32 - GO9 - PI9	5 year	Std: 0-10; Option: DALI, LoRa Mesh

Manta

Ceiling lighting 19.600 - 22.400 lm



Efficient Ceiling Lighting

Introducing the Manta Series, the perfect blend of performance and versatility for high-efficiency ceiling lighting. Designed for both recessed and surface mounting options, Manta delivers an impressive lumen range of 19,600 to 22,400 lm, providing excellent illumination for a variety of indoor applications. Featuring top-tier ingress protection (IP69K, IK07) and the ability to withstand extreme temperatures, Manta performs reliably in even the harshest environments.

Available in both standard and PRO-enhanced versions, the Manta offers customizable optics and flexible voltage configurations to meet your specific lighting needs. With a lifespan of up to 345,000 hours, the Manta Series ensures long-term, maintenance-free performance. Whether upgrading existing installations or starting fresh, Manta offers a smart, energy-efficient solution for your lighting needs.

DCbright Manta: Efficiency and Durability Above the Rest.



**MANTA UPGRADE
MANTA RECESS**

19,600 - 22,400 lm



MANTA SURFACE

19,600 - 22,400 lm

Manta: Common Specifications OP=Optics Available, PRO=Enhanced Version

Size & Weight

Upgrade:
380 mm x 380 mm x 20 mm
15.0 in x 15.0 in x 0.8 in
3.7 kg / 8.2 lb

Recess:
380 mm x 380 mm x 95 mm
15.0 in x 15.0 in x 3.7 in
3.9 kg / 8.6 lb

Surface:
380 mm x 380 mm x 95 mm
15.0 in x 15.0 in x 3.7 in
4.9 kg / 10.8 lb

Operating Temperature
-40°C / -40°F < 50°C / 122°F

Cable / Remote Driver

Standard: 25 cm Neoprene

Ingress / Impact Protection

IP69K, IK07

Lumen Maintenance

345.000 hr, LM70*

* Specifications differ per product.

Manta: Light and Power Specifications OP=Optics Available, PRO=Enhanced Version

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
MANTA-304-UPGRADE	20,600	206	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year
MANTA-100AC-RECESS	20,600	206	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year
MANTA-100AC-SURFACE	20,600	206	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year
MANTA-100AC-RECESS-OP	19,600	206	10-100W NFC	90-305 Vac	30°, 120°	5000K ¹	3 year
MANTA-100AC-SURFACE-OP	19,600	206	10-100W NFC	90-305 Vac	30°, 120°	5000K ¹	3 year
MANTA-304-UPGRADE-PRO	22,400	224	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year
MANTA-100AC-RECESS-PRO	22,400	224	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year
MANTA-100AC-SURFACE-PRO	22,400	224	10-100W NFC	90-305 Vac	120°	5000K ¹	3 year

¹ Optional: 1700-6500K

LV LINEAR

Linear Luminaire - High Temperatures

Linear Luminaire – Reliable and Durable Lighting.

The HT Linear Luminaire offers high-performance, energy-efficient lighting for tough environments. With IP69K and IK08 protection, it's built to withstand extreme temperatures. Available in various wattages, beam angles, and color temperatures, it ensures long-lasting illumination (345,000 hours). Backed by a 5-year warranty, it's the ideal choice for industrial, commercial, and outdoor spaces.



HT Linear Common Specifications HT=High Temperature, OP=Optics Available

Size & Weight

LIN-30:
130 mm x 110 mm x 350 mm
5.1 in x 4.3 in x 13.8 in
2.8 kg / 6.2 lb

LIN 60:
130 mm x 110 mm x 650 mm
5.1 in x 4.3 in x 25.6 in
4.4 kg / 9.7 lb

LIN 90:
130 mm x 110 mm x 950 mm
5.1 in x 4.3 in x 37.4 in
6.0 kg / 13.2 lb

LIN120:
130 mm x 110 mm x 1250 mm
5.1 in x 4.3 in x 49.2 in
7.6 kg / 16.8 lb

Operating Temperature

Standard:
-40°C / -40°F < 50°C / 122°F
HT:
-45°C / -49°F < 120°C / 248°F

Ingress / Impact Protection

IP69K, IK08

Lumen Maintenance

345,000 hr, LM70

HT Linear Light and Power Specifications HT=High Temperature, OP=Optics Available

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty
LIN30-20AC-HT	4,000	200	20	90 - 305 Vac	120°	4000K ¹	3 year
LIN30-30AC	6,400	213	30	90 - 305 Vac	120°	4000K ²	3 year
LIN30-30AC-OP	6,400	213	30	90 - 305 Vac	30°, 60°	4000K ²	3 year
LIN30-30DC-OP	4,400	147	30	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ¹	3 year
LIN60-40AC-HT	8,000	200	40	90 - 305 Vac	120°	4000K ¹	3 year
LIN60-60AC	12,800	213	60	90 - 305 Vac	120°	4000K ²	3 year
LIN60-60AC-OP	12,800	213	60	90 - 305 Vac	30°, 60°	4000K ²	3 year
LIN60-60DC-OP	8,800	147	60	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ¹	3 year
LIN90-60AC-HT	12,000	200	60	90 - 305 Vac	120°	4000K ¹	3 year
LIN90-90AC	19,200	213	90	90 - 305 Vac	120°	4000K ²	3 year
LIN90-90AC-OP	19,200	213	90	90 - 305 Vac	30°, 60°	4000K ²	3 year
LIN90-90DC-OP	13,200	147	90	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ¹	3 year
LIN120-90AC-HT	18,000	200	90	90 - 305 Vac	120°	4000K ¹	3 year
LIN120-120AC	25,600	213	120	90 - 305 Vac	120°	4000K ²	3 year
LIN120-120AC-OP	25,600	213	120	90 - 305 Vac	30°, 60°	4000K ²	3 year
LIN120-120DC-OP	17,600	147	120	12 - 24 Vdc	14°, 38°, 70°, 14x46°	5000K ¹	3 year

¹ Dual color available
(2700 - 6500K)

² Dual color available
(1700 - 5700K)

Accessories

Controls & Switch Boxes

Adjust your DCbright lighting with easy-to-use, easy-to-install controllers.

The DCbright Control™ light operation system enables remote control of lighting via a LoRa Mesh network, allowing individual lights to be switched on/off or dimmed as needed.

- Free DCbright Control app works with Android® and iOS® mobile phones and tablets
- Reliable, long range operation up to 1 km / 5/8 mi
- All regions of the world are supported with dip-switch selectable operating frequencies, ensuring optimized performance

GATEWAY Specifications

Part number: DCB-FLCS-GW01
Input power: 9V DC - 2.2 A
LAN: 10/100 Mbit
RF output power: 22 dBm (max)
Network protocol: LoRa Mesh
Installation location: Indoor

Transceiver Specifications

Part number: DCB-FL-TR-01
Input voltage: 12V DC
RF output power: 22 dBm (max)
Output: 2x 0-10V DC
Output current: 2x 40mA (max)
IP-rating: IP65



DCbright Switch Box: Robust, vehicle-mounted power distribution

The DCbright switch box is designed to replace relays in 12V and 24V systems, significantly simplifying standard setups. Key features include:

- No wire connections between relays and fuse boxes
- No switching contacts
- Solid-state switches for increased system reliability
- Easy debugging with LED indicators for inputs, outputs, and fuses

Switch box Specifications

Working voltage: 12 - 24 Vdc
Available versions: 8 and 12 channel
Max current: 14A per channel
Control input V/I: 12V at 1.0mA, 24V at 3.5mA
Protections
Short circuit proof: Yes
Over voltage protection: 12V=17V, 24V-L=31V, 24V-H=39V, 48V=66V



DCbright Dark Light

Glare-free Lighting

Patented reflector technology



Create Dark Sky
compliant industrial
vehicles, work sites,
area, and sports
field lighting

A revolutionary design, meticulously engineered to deliver uniform, glare-free illumination with virtually no spillover.

Eliminate glare for better visibility

Powerful LEDs are hidden within a deep parabolic reflector, ensuring no visible light outside the full cut-off optic, both front and rear.

Customized lighting for every application

Forward throw can be adjusted from 63° to 75° before installation to perfectly suit the lighting needs.

Maximize efficiency and reduce energy costs

The high performance LEDs and patented reflector design deliver up to 171 lumens per watt along with unparalleled uniformity, which allows greater inter-fixture spacing.

Adaptable light distribution for any space

Square parabolic reflector modules rotate 90° in both directions, allowing you to completely alter the light distribution.



Wallpack

Glare-free Area Lighting 9.600 – 16.000 lm

Patented reflector technology

Dark Light Wall Pack: Wall Mounted Luminaire.

Introducing the Dark Light WP series, a revolutionary wall-mounted luminaire designed for high-performance and superior visibility. This sleek lighting solution provides uniform, glare-free illumination with virtually no spillover, thanks to its unique deep parabolic reflector. With an adjustable forward throw range of 63° to 75°, it can be easily customized to meet the specific lighting needs of any space. Featuring high-efficiency LEDs that deliver up to 160 lumens per watt, this luminaire not only maximizes energy savings but also reduces the number of fixtures needed for broader coverage. Whether you're lighting up outdoor spaces, architectural elements, or creating a focused ambiance, the Dark Light WP series offers adaptable light distribution, along with a robust construction that is rated for both durability and long-lasting performance. Available in two models, the DL-WP60-AC and DL-WP100-AC, this luminaire combines functionality with cutting-edge design.



Dark Light WP-series: Common Specifications

Size	Ingress / Impact Protection	CCT
340 mm x 180 mm x 100 mm 12.6 in x 7.1 in x 3.9 in	IP69, IK08	Standard: 4000K Optional: 1700 - 5700K
Weight	Color Consistency	Optical Adjustment
4.0 kg / 8.8 lb	< 3-Step McAdams Ellipse	63° - 75° Full cut-off
Operating Temperature	CRI	Optical Distribution
-40°C / -40°F < 50°C / 122°F	Standard: 70 Optional: 80, 90	Asymmetrical, w/field-adjustable cut-off
Cable / Remote Driver	Lumen Maintenance	Limited Warranty
30 cm Neoprene	345,000 hr, LM70	3-5 years

Dark Light WP-series: Light and Power Specifications

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver
Dark Light WP series					
DL-WP60-AC	9,600	160	60	90 - 305 Vac 127 - 420 Vdc	Internal
DL-WP100-AC	16,000	160	100	90 - 305 Vac 127 - 420 Vdc	Internal

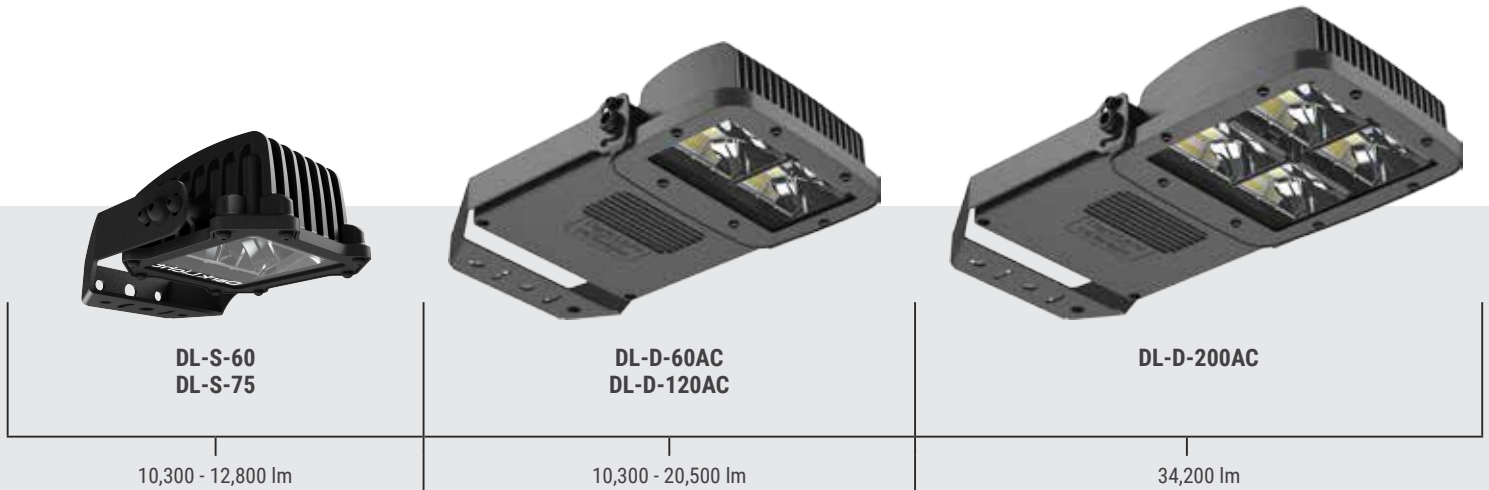
DCbright Dark Light

Glare-free Area Lighting 10.300 - 34.200 lm

Patented reflector technology

Dark Light S & D-series: Efficient, Glare-Free Illumination.

The Dark Light S & D-Series offers precise, glare-free lighting with high-efficiency LEDs delivering up to 32,200 lumens. Designed for versatility, these fixtures feature adjustable forward throw (63° to 75°) and customizable light distribution, making them ideal for various applications. Built with durable, corrosion-resistant stainless steel, they provide reliable performance and energy savings, reducing maintenance costs. Perfect for industrial, commercial, and outdoor spaces, the Dark Light S & D-Series ensures long-lasting, efficient illumination in any environment.



Dark Light S & D-series Common Specifications SS=Stainless Steel

Size	Weight	Ingress / Impact Protection	Lumen Maintenance	Optical Distribution
DL-S: 260 mm x 200 mm x 130 mm 10 in x 7.9 in x 5.1 in	DL-S: 2.3 kg / 5.1 lb	DL-S: IP69, IK08	345,000 hr, LM70	Asymmetrical, w/field-adjustable cut-off
DL-D60 / 120: 440 mm x 270 mm x 110 mm 17 in x 11 in x 4.3 in	DL-D60: 6.9 kg / 15.2 lb DL-D120: 7.1 kg / 17.7 lb DL-D200: 8.5 kg / 18.7 lb	DL-D: IP67, IK08	CCT Standard: 4000K Optional: 1700 - 5700K	Fixture Adjustment ±20°, stepless
DL-D200: 540 mm x 270 mm x 110 mm 21 in x 11 in x 4.3 in	Operating Temperature -40°C / -40°F < 50°C / 122°F	Color Consistency < 3-Step McAdams Ellipse	Dimming Std. 0-10; Optional DALI	Limited Warranty S, D-series: 3-5 years D-series area: 7 years
	Cable / Remote Driver 2 m PUR	CRI Standard: 70 Optional: 80, 90	Optical Adjustment 63° - 75° Full cut-off	

Dark Light S & D-series Light and Power Specifications SS=Stainless Steel

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver
Dark Light S60-75					
DL-S-60DC-24V	10,300	171	60	24 Vdc	Internal
DL-S-60DC-12-24V	10,300	171	60	12-24 Vdc	Internal
DL-S-60DC-24V-SS	10,300	171	60	24 Vdc	Internal
DL-S-75DC-24V	12,800	171	75	24 Vdc	Internal
DL-S-75DC-24V-SS	12,800	171	75	24 Vdc	Internal
DL-S-75AC	12,800	171	75	90-305 Vac/127-420 Vdc	Remote
DL-S-75AC-SS	12,800	171	75	90-305 Vac/127-420 Vdc	Remote
Dark Light D120 D60-200					
DL-D-60AC	10,300	171	60	90-305 Vac/127-420 Vdc	Internal
DL-D-120AC	20,500	171	120	90-305 Vac/127-420 Vac	Internal
DL-D-200AC	34,200	171	200	90-305 Vac/127-420 Vac	Internal

¹ Dual color available
(1700-5700K)

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 DL-M-150: 3.6 kg / 7.9 lb DL-M-300: 5.5 kg / 12.1 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	Operating Temperature -40°C / -40°F < 50°C / 122°F	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	Ingress / Impact Protection DL-M-series: IP69, IK08	Lumen Maintenance 345,000 hr, LM70	Optical Adjustment 63° - 75° Full cut-off	Limited Warranty DL-M-series: 3-5 years

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

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

Accessories

Construction Crane & Boom Brackets

Our Construction Crane Brackets are built for rental companies and construction firms to boost on-site safety, reduce light pollution, and enhance sustainability. Made from 5 mm hot dip galvanized steel, they install easily with a robust pin system and adjustable back, fitting all tower crane brands. With options like full cut-off lighting or a smart distribution bracket powering up to four lights, these rugged brackets are backed by a 5-year warranty.



Barracuda Boom Bracket

Compatible luminaire: 4x BA-48-320AC

Configuration: 4x Luminaire Bracket + 1x Driver Bracket

Driver option: Remote on bracket

Weight: 48.5 kg

Dimensions: 700 x 510 x 740 mm



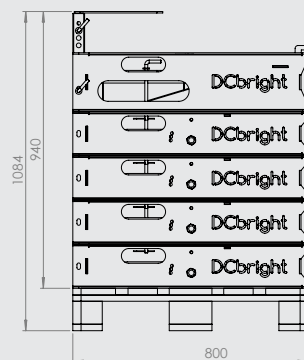
Orca Crane Bracket

Compatible Luminaire: OR-156-800AC

Driver option: Remote on bracket

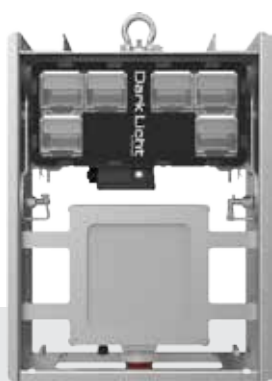
Weight: 82.6 kg

Dimensions: 800 x 1200 mm



Compact, stackable storage

The compact and efficient design, has been optimized for use and for storage. When not in service up to 16 units can be stacked on a standard pallet, optimizing transport and storage.



DL-CCB-400+DIS

Luminaire type: DL-01-400AC

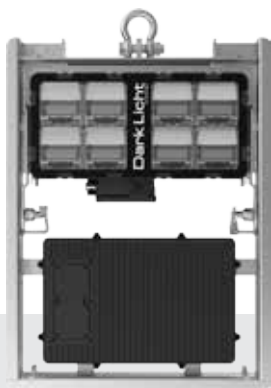
Driver type: Remote

Distribution: 4 x 400V / 230V

Connector type: 3/4/5P

Distribution Box material: polycarbonate

Bracket dimensions: 600 x 800 mm



DL-CCB-600+DR

Luminaire type: DL-01-600AC

Driver type: DR2-BOX-DL-0600AC

Bracket + lamp weight: 45.4 kg

Lamp tilt-drop settings: 0° - 10° - 20° - 90°

Bracket dimensions: 600 x 800 mm



DL-CCB-4x600-DIS

Distribution: 4 x 400V / 230V

Connector type: 3/4/5P

Distribution Box material: polycarbonate

Bracket dimensions: 600 x 800 mm



DL-CCB-600-SET

The Dark Licht Crane Bracket set includes:

- 4x DL-CCB-600+DR
- 1x DL-CCB-4x600-DIS
- 1x 60 meter 5 x 2.5 mm neoprene cable

Designed for easy stacking on a pallet, this set offers an ideal compact shipping and storage solution.



PRODUCTS

SUSTAINABLE | LIGHTING | SOLUTIONS



Dutch Engineered, and built with passion

JEL Products

info@jelproducts.nl
www.jelproducts.nl

Sustainable | Lighting | Solutions