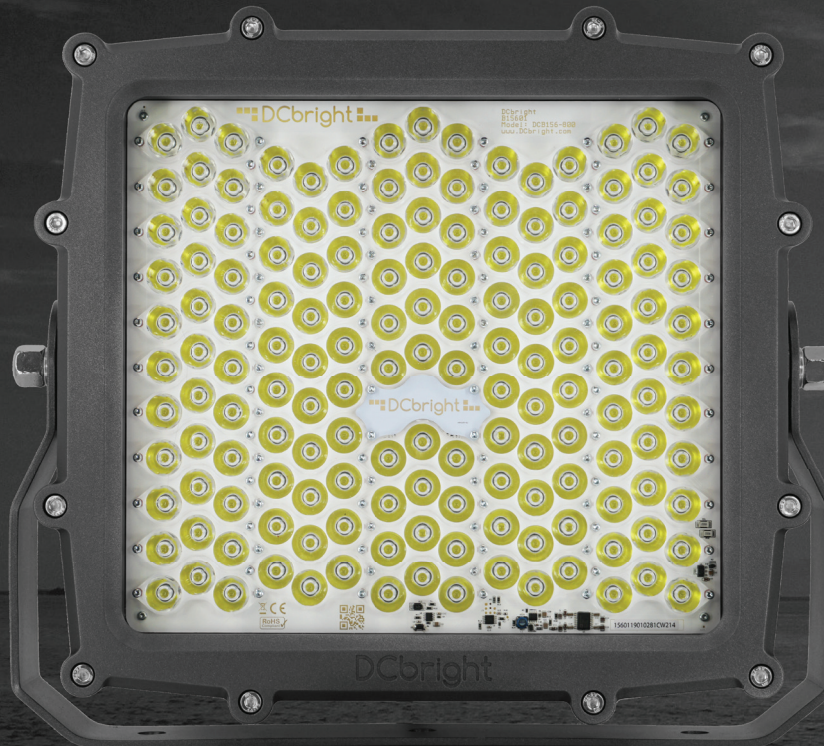


**THE WORLD'S HIGHEST PERFORMING
INDUSTRIAL LED LIGHTS**



MINING

CONSTRUCTION

INDUSTRIAL

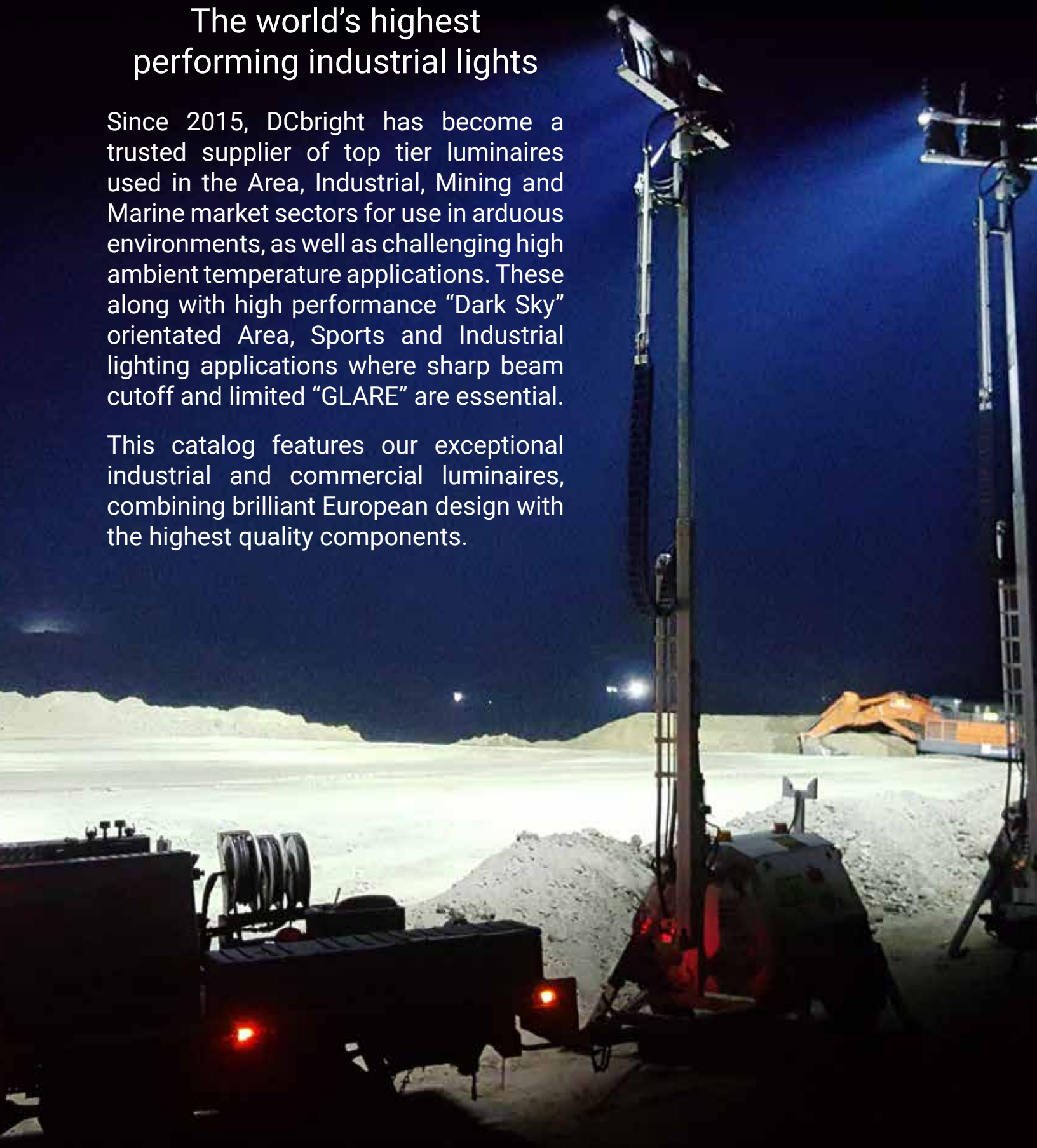
MARITIME



The world's highest performing industrial lights

Since 2015, DCbright has become a trusted supplier of top tier luminaires used in the Area, Industrial, Mining and Marine market sectors for use in arduous environments, as well as challenging high ambient temperature applications. These along with high performance "Dark Sky" orientated Area, Sports and Industrial lighting applications where sharp beam cutoff and limited "GLARE" are essential.

This catalog features our exceptional industrial and commercial luminaires, combining brilliant European design with the highest quality components.





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NOTES

DCbright

Standard Features



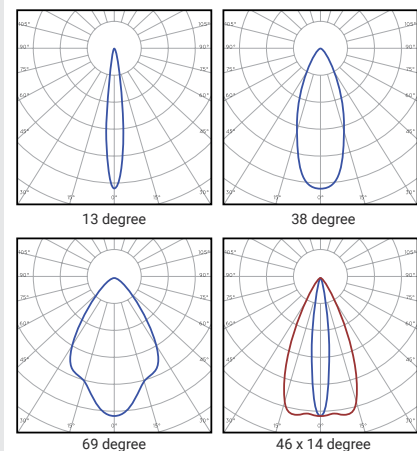
Every DCbright product is carefully designed with premium materials and fully integrated features to deliver truly superior luminaires.

- 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 and 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, with our JIT production discipline.



Warranties that meet—and beat industry standards

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



DCbright | Dark Licht™

Standard Features



Dark Licht 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 Licht 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 Licht fixtures minimize dangerous nighttime driving situations.

- **Environmentally Friendly Lighting**

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

- **Dark Sky Compliant Lighting**

Dark Licht 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 Licht 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 Licht fixtures also provide uniform, glare-free illumination for applications like sports fields 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°



DCbright | Dark Licht

Fall 2024 New Products



DCbright Goby

Rugged, affordable, vehicle-mounted spotlight

DCbright's newest vehicle-mounted fixture, Goby, is bright, light and powerful. Up to 6300 lumens and 120 lumens/watt in a sub-5 inch square housing, with an integral DT04-2P Deutsch plug makes Goby an easy to use spotlighting accessory on all mobile heavy equipment. Dual-CCT LEDs, 1800K-6500K CCT and four beam angles adds to the lighting flexibility of this compact, rough and ready fixture. (Product specifications on page 10)

GO-9 55DC

Power: 55W
Light output: 6,300 lm
Efficiency: 115 lm/W
Voltage: 24V

GO-6 35DC

Power: 35W
Light output: 4,100 lm
Efficiency: 120 lm/W
Voltage: 24V



Dark Licht M30

Affordable, deep cutoff area lighting is now available for small-scale and urban nighttime work sites.

Dark Licht patented parabolic reflector technology is available in compact form factors that can be mounted to heavy equipment, vehicles, to provide glare-free illumination in small-scale and urban sites. Now all the benefits of Dark Licht technology can be brought to every kind of nighttime operation. (Product specifications on page 20)

Dark Licht M30

Power: 30W
Light output: 4,800 lm
Efficiency: 160 lm/W
Voltage: 12-48V



DCbright + Dark Licht

Stainless Steel Series



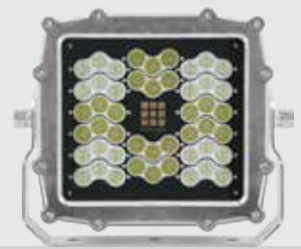
Piranha: 8,400 lm
PI-9-70AC-SS
PI-9-70DC-SS



Dark Licht: 9,600 lm
DL-S60-DC-60W-10-SS
DL-S60-DC-75W-12-SS



Snapper: 22,000 lm
SN-32-150DC-SS



Barracuda: 44,100 lm
BA-48-320AC-SS
BA-48-120AC-SS-HT



Orca: 111,300
OR-70-800AC-SS

Corrosion-resistant stainless steel—long-lasting illumination for coastal and harsh environments.

Many DCbright luminaires and driver enclosures are available in 316L stainless steel, offering superior corrosion, rust and stain resistance in environments exposed to saltwater, chlorides, and other corrosive chemicals.

Minimal maintenance for maximum illumination.

DCbright Stainless steel's low maintenance requirements and long lifespan are a significant advantage for fixtures installed in hard-to-service locations.

The durable, sustainable choice.

316L stainless steel maintains a clean, attractive appearance even in harsh conditions, especially valuable in architectural-focused applications where aesthetics are key. And it's fully recyclable—an ideal choice for environmentally conscious projects.

High temperature options available.

Corrosive environment and high temperatures? DCbright keeps the lights on longer even in these demanding applications.

DCbright

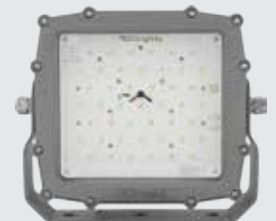
High Temperature Series



Moray HT: 3,960 lm
MO-16-30AC-HT



Snapper HT: 7,000 lm
SN-48-35AC-HT



Barracuda HT: 20,600 lm
BA-48-120AC-HT



Orca HT: 39,000-55,000 lm
OR-70 240AC-HT-OP*
OR-70 320AC-HT-OP*



Orca HT: 55,000 lm
OR-156 240AC-HT

*OP: Optical lenses available

High temperature lighting requires special engineering

External drivers, mounted away from sources of heat is just the first of the many design considerations that allow DCbright luminaires to function in difficult high temperature environments.

Too HOT to Handle? NOT with DCbright!

Silicone cabling, and a heat-facing luminaire body built with specially selected, treated, and prepared materials allow for sustained exposure of up to 120° C / 248° F.

Versions of these luminaires are available flood and spotlighting configurations, and there is a stainless steel option for corrosion resistance in high temperature settings.

Remote Driverbox: Temperature protection + convenience



The DCbright Driverbox is used with DCbright and Dark Licht fixtures. With IP66 or IP67 rating, 100K hour life, and a limited 5 year warranty. Withstands temperatures up to 50°C / 122°F, ensuring reliability in tough environments.

290 mm x 441 mm x 145 mm / 11.4 in x 17.36 in x 5.7 in

DCbright

High Temperature Linears



The HT Linear Light is designed for industrial environments where high temperatures, moisture, and corrosion are major concerns. This robust lighting solution provides reliable illumination in the toughest conditions, ensuring safety and efficiency. The HT Linear Light excels in flexibility and cost-effectiveness, making it an ideal choice for various applications. Its lightweight design simplifies installation and maintenance, reducing downtime and operational costs.

Engineered to withstand extreme heat up to 110°C / 230°F, the HT Linear Light is your trustworthy lighting in challenging environments. Depend on our advanced technology to deliver consistent, high-quality lighting where it's needed most.



HT Linear Common Specifications HT=High Temperature

Size

LIN-300:
91 mm x 138 mm x 304 mm
3.6 in x 5.4 in x 12 in

LIN 600:
91 mm x 138 mm x 604 mm
12.2 in x 5.4 in x 23.8 in

LIN 1200:
91 mm x 138 mm x 1203 mm
3.6 in x 5.4 in x 7.4 in

Weight

LIN-300: 1.5 kg / 3.3 lb

LIN-600: 2.2 kg / 4.9 lb

LIN1200: 3.5 kg / 7.7 lb

Operating Temperature

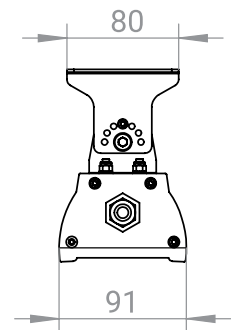
-45°C / -49°F < 110°C / 230°F

Ingress / Impact Protection

IP65, IK07

Lumen Maintenance

60,500 hr, LM80



HT Linear Light and Power Specifications HT=High Temperature

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
DCB-LIN300	4,500	150	30	24 Vdc	120°	2700K - 5700K	5 year	Std: 0-10; Option: DALI
DCB-LIN600	9,000	150	60	24 Vdc	120°	2700K - 5700K	5 year	Std: 0-10; Option: DALI
DCB-LIN1200	18,000	150	120	24 Vdc	120°	2700K - 5700K	5 year	Std: 0-10; Option: DALI

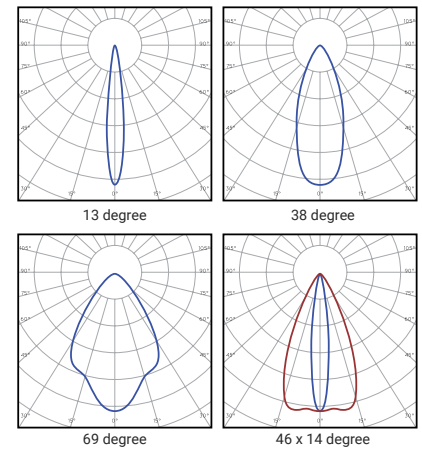
DCbright Goby

Vehicle-Mounted Spotlighting 4K-6.5K lm



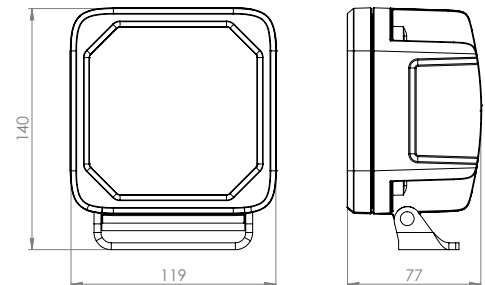
DCbright's most recent vehicle-mounted fixture, Goby is bright, light, powerful and affordable. Up to 6300 lumens and 120 lumens/watt in a sub-5 inch square housing, with an integral DT04-2P Deutsch plug makes Goby an easy to use spotlighting accessory on all mobile heavy equipment. Dual-CCT LEDs, 1800K-6500K CCT and four beam angles adds to the lighting flexibility of this compact, rough and ready fixture.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **High thermal conductivity aluminum housing**
- **Corrosion resistant finish**
- **Industry standard DT04-2P receptacle**
- **2 lumen packages; 4 beam angles**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**



Goby Common Specifications

Size	Operating Temperature	Ingress / Impact Protection
119 mm x 140 mm x 77 mm 4.7 in x 5.5 in x 3 in	Standard: -40°C / -40°F < 50°C / 122°F	IP69K, IK10
Weight	Cable / Remote Driver	Fixture Adjustment
Standard Aluminum: 1.8 kg / 4 lb	Integral DT04-2P	-60° to +30° continuous
		Lumen Maintenance
		60,500 hr, LM85



Goby Light and Power Specifications

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
GO-6-35DC	4,100	120	35	12-48 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
GO-9-55DC	6,300	115	55	12-48 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI

DCbright Piranha

Vehicle-Mounted Spotlighting 5K-8.5K lm



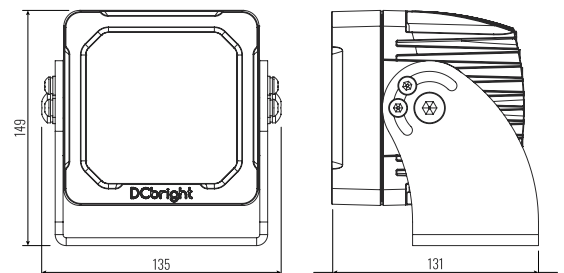
Powerful, compact, highly configurable, Piranha is the original DC, vehicle-mounted luminaire from DCbright. Available in both powder painted, high grade aluminum and stainless steel housings, Piranha is designed for the world's toughest surroundings. At home on land, in the water and at sea, with a wide variety of optics and CCTs, including dual CCTs, Piranha delivers unfailing flexibility and reliability.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **High thermal conductivity aluminum housing**
- **Corrosion resistant finish**
- **Industry standard DT04-2P plug on 30 cm cable**
- **Multiple lumen packages; 4 beam angles**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**



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

Size 135 mm x 149 mm x 131 mm 5.3 in x 5.9 in x 5.2 in	Operating Temperature Standard / SS: -40°C / -40°F < 50°C / 122°F HT / Stainless Steel HT: -45°C / -49°F < 120°C / 248°F	Ingress / Impact Protection IP69K, IK10
Weight Standard Aluminum / HT: 3.1 kg / 6.8 lb Stainless Steel / Stainless Steel HT: 5 kg / 11 lb	Cable / Remote Driver Standard / SS: 2m PUR HT / Stainless Steel HT: 2m Silicone	Fixture Adjustment ±240°, 30° steps
		Lumen Maintenance 60,500 hr, LM80



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	Control
PI9-45DC	5,300	117	45	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
PI6-55DC	6,300	115	55	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
PI6-55DC-12-24V	6,300	115	55	12-24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
PI9-70DC	8,400	120	70	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
PI-9-70AC-SS	8,400	120	70	90-305 Vac	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
PI-9-70DC-SS	8,400	120	70	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI

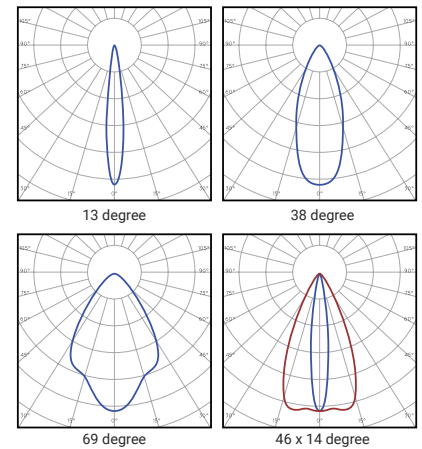
DCbright Moray

Marine Spotlighting 4K lm



DCbright Moray is a luminaire with many possibilities. Originally designed for offshore for small-area lighting in wind farm applications, the driver-integral design is water, wind and dustproof. The use of 50-50 optics allows for hundreds of optical distributions.

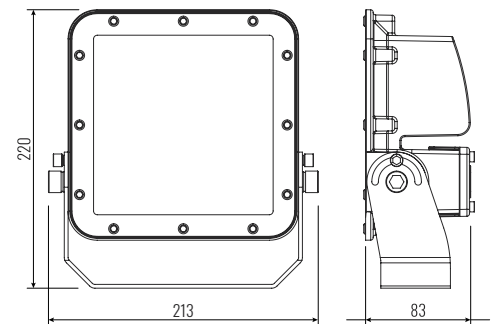
- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **High thermally conductive housings**
- **Corrosion-resistant aluminum**
- **Available high temperature version, up to 120°C / 248°F**
- **Wide variety of optical distributions**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK08**
- **AC and DC versions available**



Hundreds of specialized optical available.

Moray Common Specifications SS=Stainless Steel, HT=High Temperature

Size 213 mm x 220 mm x 83 mm 8.4 in x 8.6 in x 3.2 in	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
Weight Standard Aluminum / HT 1.5 kg / 3.3 lb	Cable / Remote Driver Standard: 2m PUR HT: 2m Silicone	Fixture Adjustment ±240°, 30° steps
		Lumen Maintenance 60,500 hr, LM80



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

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty Control
MO-16-30AC-50x2	3,960	132	30	90-305 Vac	100s of options	1800K - 6500K	3 year Std: 0-10; Option: DALI, LoRa Mesh
MO-16-30DC-50x2	3,960	132	30	24 Vdc	100s of options	1800K - 6500K	3 year Std: 0-10; Option: DALI
MO-16-30DC-HT	3,960	132	30	90-305 Vac	120°	1800K - 6500K	3 year Std: 0-10; Option: DALI, LoRa Mesh

DCbright Snapper

Spotlighting 7K-22K lm



The Snapper is DCbright's most versatile fixture. The compact size and modular design allows for light-weight, multi-fixture assemblies for high output lighting. Using standard 50mm-spaced optics this fixture can be configured to provide hundreds of specialized optical distributions. High temperature and stainless-steel versions available.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **Available high temperature version, up to 120°C / 248°F**
- **High thermally conductive housings**
 - Corrosion-resistant aluminum
 - Available in stainless steel
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP67/IP69K**
- **Impact resistant, IK08**
- **AC and DC versions available**



Snapper Common Specifications SS=Stainless Steel, HT=High Temperature

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

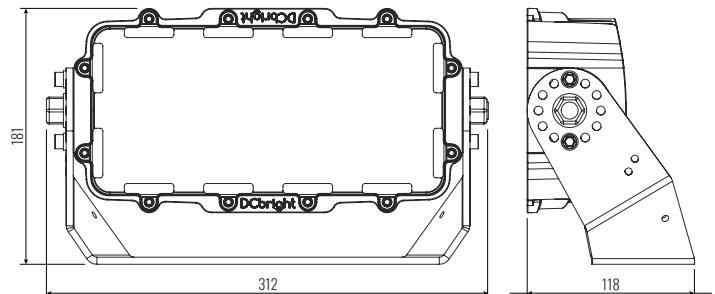
Operating Temperature
Standard / SS:
-40°C / -40°F < 50°C / 122°F
HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver
Standard / SS: 2m PUR
HT: 2m Silicone

Ingress / Impact Protection
IP67 IK08, SS: IP69K, IK08

Fixture Adjustment
±240°, 30° steps

Lumen Maintenance
Standard / SS:
196,000 hr, LM80
HT: 60,500 hr, LM80



Snapper Light and Power Specifications SS=Stainless Steel, HT=High Temperature, SIDE = Side Mount

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
SN-32-150AC-HT	7,000	200	35	90-305 Vac	120°	6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SN-32-150DC	22,000	147	150	24 Vdc	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI
SN-32-150DC-SIDE	22,000	147	150	24 Vdc	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI
SN-32-150DC-SS	22,000	147	150	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI

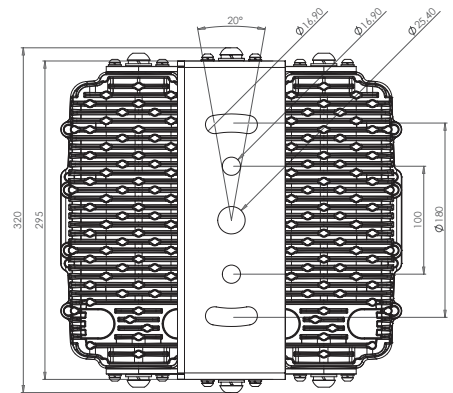
DCbright Snapper HC

Spotlighting 46K-83K lm



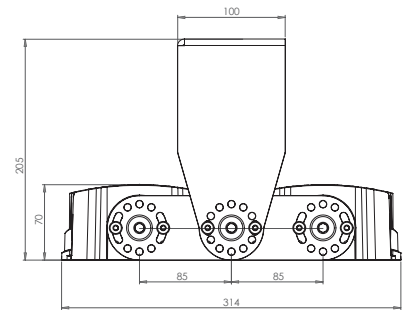
With two specialized frames and two or three Snapper fixtures, DCbright created a compact and efficient illumination source with light output of between 50,000 to 80,000 lumens, with system efficacies of up to 183 lm/W. Originally developed as a harbor crane application, this compact fixture has many other uses as well.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **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**



Snapper HC Common Specifications

Size	Operating Temperature	Lumen Maintenance
Snapper HC x2: 320 mm x 314 mm x 205 mm 12.6 in x 12.4 in x 9.9 in	Standard: -40°C / -40°F < 50°C / 122°F	Standard: 196,000 hr, LM80
Snapper HC x3: 320 mm x 484 mm x 205 mm 12.6 in x 19.1 in x 9.9 in	Cable / Remote Driver Standard / SS: 2m PUR	CCT Standard: 4000K; Option: 1800K, 2200K, 2700K, 5000K, 5700K
Weight	Ingress / Impact Protection IP67, IK08	
Snapper HC x2: 9.9 kg / 21.8 lb	Fixture Adjustment ±240°, 30° steps	
Snapper HC x3: 12.6 kg / 27.8 lb		



Snapper Light and Power Specifications

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
SNx2-48-HC-270AC	49,500	183	270	90-305 Vac	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SNx2-48-HC-300DC	44,000	147	300	24 Vdc	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI
SNx2-48-HC-320AC	55,000	166	320	90-305 Vac	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SNx3-48-HC-400AC	73,000	183	400	90-305 Vac	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SNx3-48-HC-450DC	66,000	147	450	24 Vdc	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI
SNx3-48-HC-500AC	83,000	166	500	90-305 Vac	100s of options	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh

DCbright Barracuda

Spotlighting 20K-40K lm



This compact rectangular LED fixture is ideal for heavy machinery like cranes, shovels, and light towers. Available in AC and DC versions with various power supplies and lumen packages, it offers high flexibility. The Barracuda features IP69K ingress protection, IK10 impact resistance, and corrosion-resistant aluminum or stainless steel (SS) castings, making it suitable for maritime and offshore use. A high-temperature (HT) version is also available.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**
- **High thermally conductive housing**
 - Corrosion-resistant aluminum
 - Available stainless steel
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Available high temperature version, up to 120°C / 248°F**
- **AC and DC versions available**



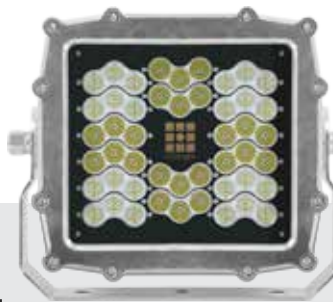
BA-48-120AC-HT

20,600 lm



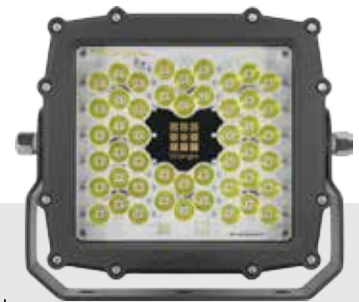
BA-33-150-IN

22,400 lm



BA-48-320AC-SS
BA-48-120AC-SS-HT

20,600-44,100 lm



BA-48-320-AC
BA-48-320-DC
BA-48-240-AC
BA-48-240-DC

29,900-44,100 lm

Barracuda Common Specifications SS=Stainless Steel, HT=High Temperature, IN=Internal Driver

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

Ingress / Impact Protection

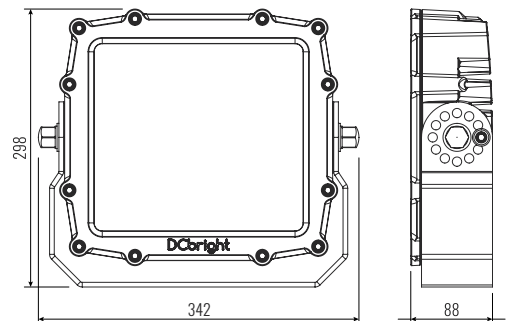
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

60,500 hr, LM80



Barracuda Light and Power Specifications SS=Stainless Steel, HT=High Temperature, IN = Internal Driver

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
BA-48-120AC-HT	20,600	172	120	90-305 Vac	120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
BA-48-120AC-SS-HT	20,600	138	120	90-305 Vac	120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
BA-33-150-IN	22,400	149	150	90-305 Vac	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
BA-48-240-AC	32,600	136	240	90-305 Vac	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
BA-48-240-DC	29,900	125	240	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
BA-48-320-AC	44,100	138	320	90-305 Vac	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
BA-48-320-DC	40,800	127	320	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
BA-48-320AC-SS	44,100	138	320	90-305 Vac	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh

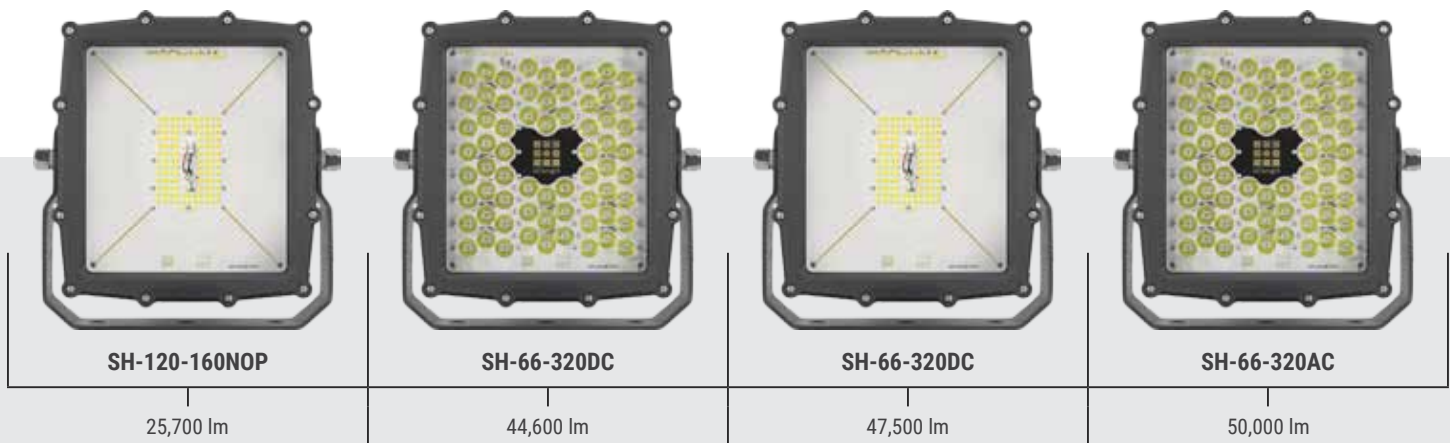
DCbright Shark

Spotlighting 25K-50K lm



The DCbright Shark is one of the most efficient industrial luminaires available. With an efficacy of up to 198 lm/w, the Shark is often used on light towers and in mining sites.

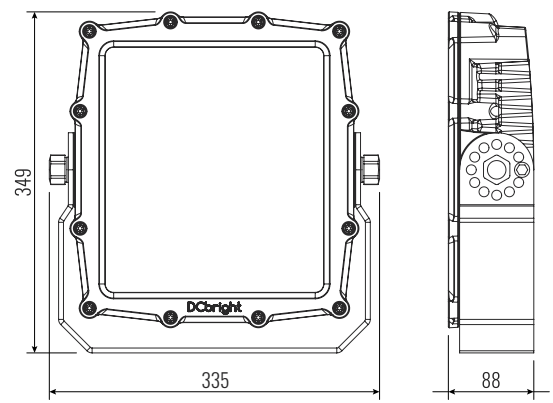
- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **High thermally conductive housings**
 - Corrosion-resistant aluminum
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**
- **AC and DC versions available**



Shark Common Specifications

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: 2m PUR
Ingress / Impact Protection	IP69K, IK10
Fixture Adjustment	±240°, 30° steps
Lumen Maintenance	196,000 hr, LM80



Shark Light and Power Specifications

Model	Lumens (6500K CCT)	Lm/W (100%)	Power (Watts)	Voltage	Optics	CCT	Limited Warranty	Control
SH-120-240NOP	47,500	198	240	90-305 Vac	14°, 38°, 69°, 46X14°, 120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SH-120-160NOP	25,700	161	240	90-305 Vac	14°, 38°, 69°, 46X14°, 120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SH-66-320AC	50,000	156	320	90-305 Vac	14°, 38°, 69°, 46X14°, 120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
SH-66-320DC	44,600	144	320	24-60 Vdc	14°, 38°, 69°, 46X14°, 120°	1800K - 6500K	3 year	Std: 0-10; Option: DALI

DCbright Orca

Spotlighting 40K-110K lm



With up to 110,000 lumens from a 16" square aperture, in a rugged water and dustproof enclosure, Orca is indeed a whale of a fixture! Stainless steel, high temperature and high grade aluminum housings, up to 162 lm/W, AC and DC versions, integral and remote drivers make this the preeminent high mount spotlighting luminaire.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **Available high temperature version, up to 120°C / 248°F**
- **High thermally conductive housings**
 - Corrosion-resistant aluminum
 - Available stainless steel
- **Electrical, mechanical and thermal protections, including:**
- **Vibration resistance**
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**
- **AC and DC versions available**



OR-70-320AC-HT-OP
OR-70-240AC-HT-OP

39,000-52,000 lm



OR-156-240AC-HT

55,400 lm



OR-156-800AC
OR-156-800DC
OR-156-800AC-SS

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: 2m PUR
HT: 2m Silicone

Ingress / Impact Protection

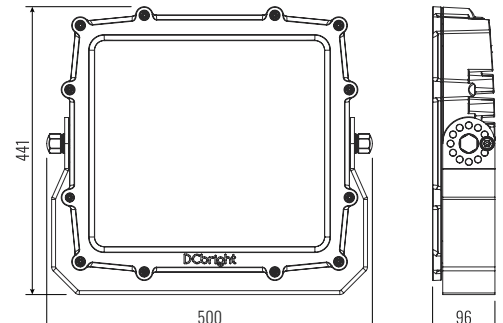
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

60,500 hr, LM80



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	Control
OR-70-240AC-HT-OP	39,000	1162	240	90-305 Vac	20°, 40°, 60°, 120°	6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
OR-156-240AC-HT	55,000	230	240	180-528 Vac*	120°	6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
OR-70-320AC-HT-OP	52,000	162	320	90-305 Vac	20°, 40°, 60°, 120°	6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
OR-156-800AC	111,300	139	800	180-528 Vac*	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh
OR-156-800DC	100,200	125	800	24 Vdc	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI
OR-156-800AC-SS	111,300	139	800	180-528 Vac*	14°, 38°, 69°, 46X14°	1800K - 6500K	3 year	Std: 0-10; Option: DALI, LoRa Mesh

* 250-740 Vdc Option Available

DCbright Dark Light

Glare-free Lighting



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 160 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.



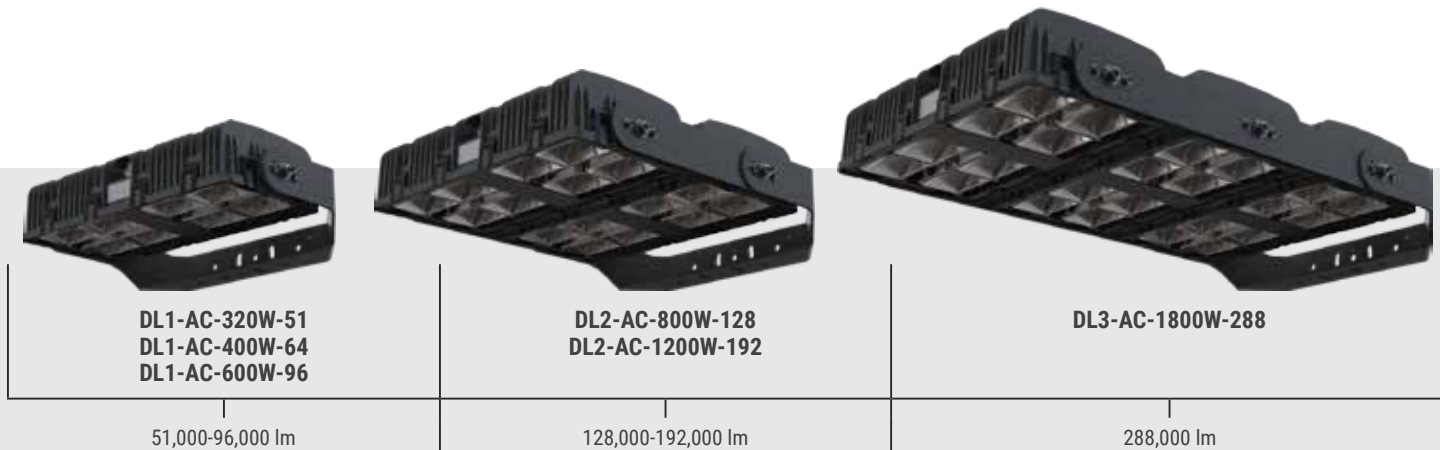
DCbright Dark Light

Glare-free Area Lighting 51K-288K lm



DCbright Dark Light: DL1,2, & 3 Series

Dark Light is a revolutionary lighting technology that leverages DCbright's patented parabolic reflector technology to deliver glare-free lighting, with sharp adjustable cut-offs to eliminate spillover.



Dark Light Common Specifications

Weight & Size

DL1-AC-320W-51:
 14.9 kg / 32.8 lb
 365 mm x 550 mm x 160 mm
 14 in x 22 in x 6.3 in

DL1-AC-400W-64:
 15 kg / 33.1 lb
 365 mm x 550 mm x 160 mm
 14 in x 22 in x 6.3 in

DL1-AC-600W-96:
 14 kg / 30.9 lb
 365 mm x 550 mm x 160 mm
 14 in x 22 in x 6.3 in

DL2-AC-800W-128:
 24.5 kg / 54 lb
 635 mm x 550 mm x 160 mm
 25 in x 22 in x 6.3 in

DL2-AC-1200W-192:
 25.4 kg / 56 lb
 635 mm x 550 mm x 160 mm
 25 in x 22 in x 6.3 in

DL3-AC-1800W-288:
 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

2m PUR

Ingress / Impact Protection

IP67, IK08

Color Consistency

< 3-Step McAdams Ellipse

CRI

70 Standard; 80+, 90+ Optional

Dual CCT

Available

Lumen Maintenance

60,500 hr, LM80

CCT

4000K Standard, 1800K, 2200K, 2700K, 5000K, 5700K Available

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 Light and Power Specifications

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver	Control
DL1-AC-320W-51	51,000	159	320	180-528 Vac/250-740 Vdc	Internal*	Std: 0-10; Option: DALI, LoRa Mesh
DL1-AC-400W-64	64,000	160	400	180-528 Vac/250-740 Vdc	Internal*	Std: 0-10; Option: DALI, LoRa Mesh
DL1-AC-600W-96	96,000	160	600	180-528 Vac/250-740 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh
DL1-DC-600W-96	96,000	160	600	24 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh
DL2-AC-800W-128	128,000	160	800	180-528 Vac/250-740 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh
DL2-AC-1200W-192	192,000	160	1200	180-528 Vac/250-740 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh
DL3-AC-1800W-288	288,000	160	1800	180-528 Vac/250-740 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh

* Optional Remote Available

DCbright Dark Light

Glare-free Area Lighting 4K-32K lm



DCbright Dark Light: DL-M, DL-S, & DL-D Series

Dark Light patented parabolic reflector technology is available in compact form factors that can be mounted to heavy equipment, vehicles, stationary poles, or portable light towers to provide glare-free light without spillover in small-scale and urban sites.



Dark Light Common Specifications SS=Stainless Steel

Size	Weight	Ingress / Impact Protection	Lumen Maintenance	Optical Adjustment
DL-M: 170 mm x 120 mm x 70 mm 6.7 in x 4.7 in x 2.8 in	DL-M: 1 kg / 2.2 lb	DL-M/S: IP69, IK08	60,500 hr, LM80	63° - 75° Full cut-off
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-D: IP67, IK08	CCT	Optical Distribution
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	Color Consistency	4000K Standard, 1800K, 2200K, 2700K, 5000K, 5700K Available	Asymmetrical, w/field- adjustable cut-off
DL-D200: 540 mm x 270 mm x 110 mm 21 in x 11 in x 4.3 in	DL-D120: 7.1 kg / 17.7 lb	< 3-Step McAdams Ellipse	Dimming	Fixture Adjustment
	DL-D200: 8.5 kg / 18.7 lb	CRI	Std. 0-10; Optional DALI	±240°, 30° steps
	Operating Temperature	70 Standard; 80+, 90+ Optional		Limited Warranty
	-40°C / -40°F < 50°C / 122°F	Dual CTT		M, S, D-series: 3-5 years D-series area: 7 years
	Cable / Remote Driver	Available		
	2m PUR			

Dark Light Light and Power Specifications SS=Stainless Steel

Model Number	Lumens	Efficacy @ 4000K/5700K CCT	Power (Watts)	Voltage	Driver	Control
Dark Light M30						
DL-M30-DC-30W-4	4,800	160	30	24 Vdc	Internal	Std: 0-10; Option: DALI
Dark Light S60-75						
DL-S60-DC-60W-10-24	9,600	160	60	24 Vdc	Internal	Std: 0-10; Option: DALI
DL-S60-DC-60W-10-12-24	9,600	160	60	12-24 Vdc	Internal	Std: 0-10; Option: DALI
DL-S60-DC-60W-10SS	9,600	160	60	24 Vdc	Internal	Std: 0-10; Option: DALI
DL-S75-DC-75W-12	12,000	160	75	24 Vdc	Internal	Std: 0-10; Option: DALI
DL-S75-DC-75W-12-SS	12,000	160	75	24 Vdc	Internal	Std: 0-10; Option: DALI
DL-S75-AC-75W-12	12,000	160	75	90-305 Vac/127-420 Vdc	Remote	Std: 0-10; Option: DALI, LoRa Mesh
Dark Light D120 D60-200						
DL-D60-AC-60W-10	9,600	160	60	90-305 Vac/127-420 Vdc	Internal	Std: 0-10; Option: DALI, LoRa Mesh
DL-D120-AC-120W-19	19,200	160	120	90-305 Vac/127-420 Vac	Internal	Std: 0-10; Option: DALI, LoRa Mesh
DL-D200-AC-200W-32	32,200	160	200	90-305 Vac/127-420 Vac	Internal	Std: 0-10; Option: DALI, LoRa Mesh

DCbright 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

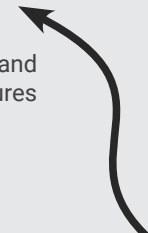
DCbright Switch Box: Robust, vehicle-mounted power distribution

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 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

Nominal voltage:

24V / 60V DC / 90-277V AC

Orca Stabilizing Bracket

Compatible luminaire:

OR-156 800AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

8.7 kg

Driver option:

Remote



DCbright Accessories

Construction Crane & Boom Brackets



DCbright 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



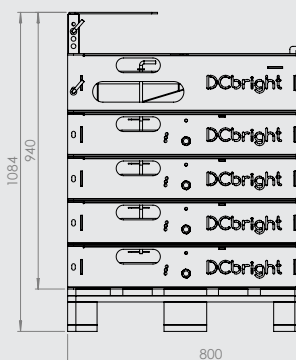
Orca Crane Bracket

Compatible Luminaire: OR-156 800AC

Driver option: Remote on bracket

Weight: 82.6 kg

Dimensions: 700 x 510 x 740 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: DL1-AC-400W-64

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: DL1-AC-600W-96

Driver type: DR1-AC-600W-BOX

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.

DCbright

Dark Licht

RUUD[®]
LIGHTING
RUUD LIGHTING ARABIA

Ruud Lighting Arabia LLC

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