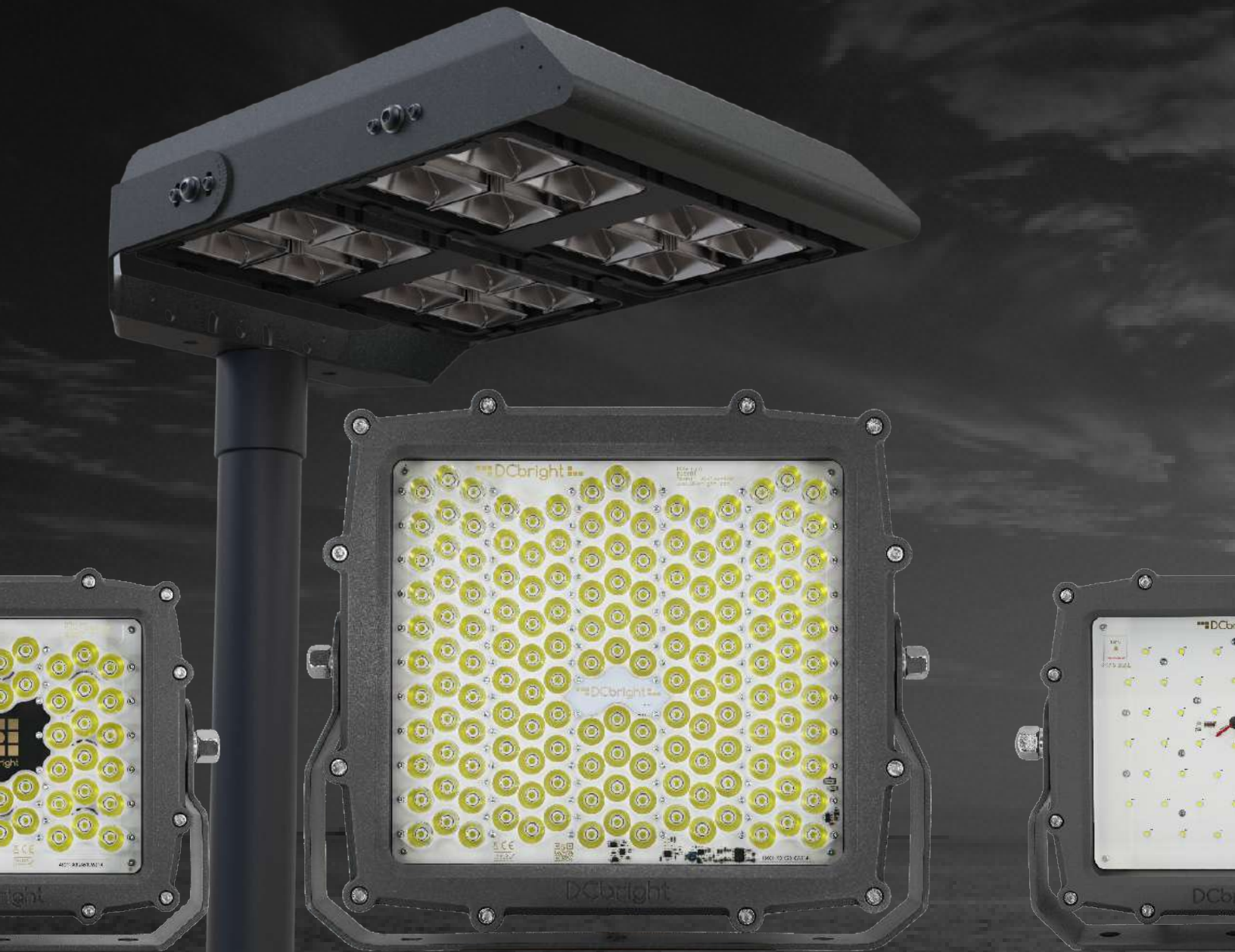


THE WORLD'S HIGHEST PERFORMING
INDUSTRIAL LED LIGHTS



MINING

CONSTRUCTION

INDUSTRIAL

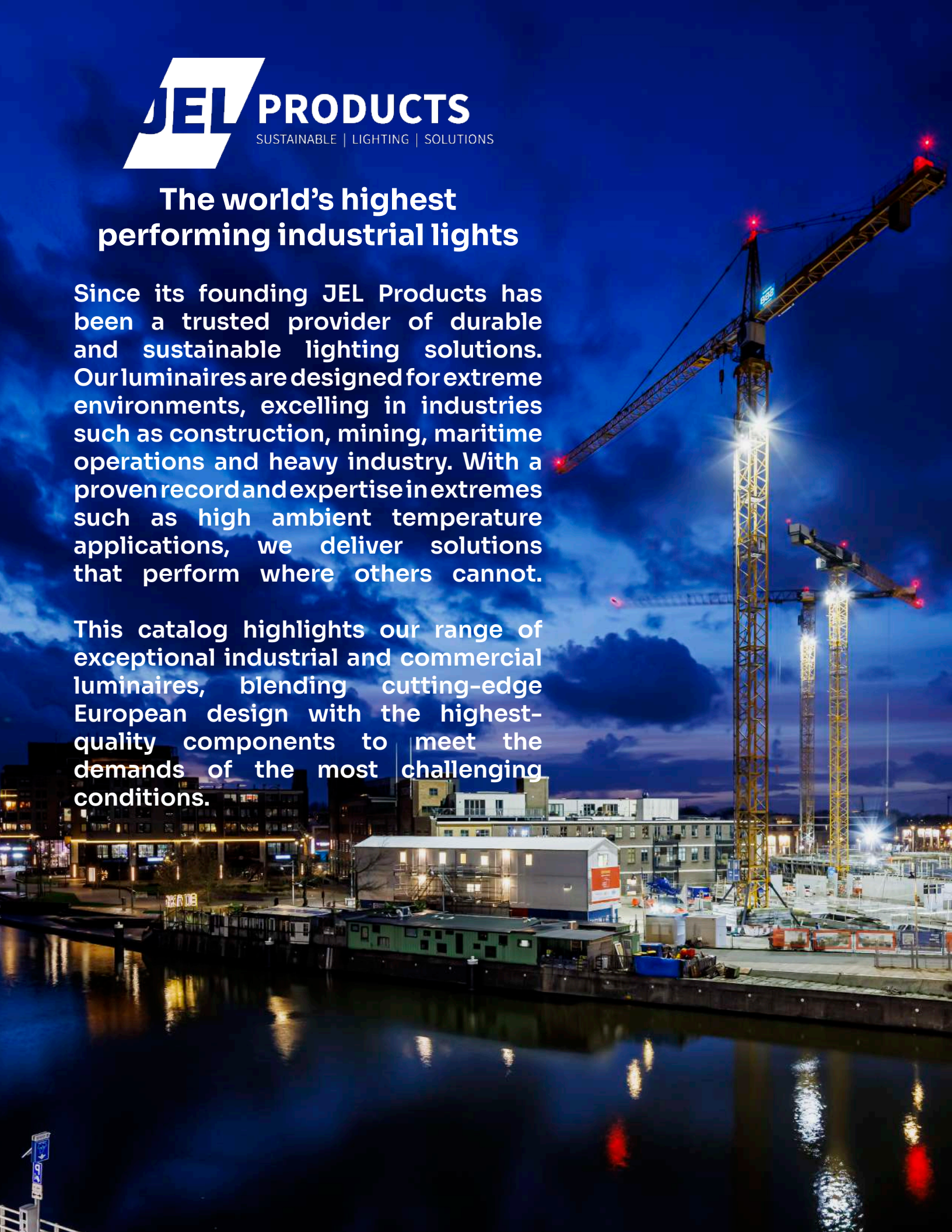
MARITIME



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	
DCbright Standard Features	4
Dark Licht Standard Features	5
Meet the new products for 2025	6
Industry Special Lighting	
Stainless Steel Series	7
High Temperature Series	8
Industrial Driverboxes	9
High Temperature Linear Fixtures	10
Worklights	
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	
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	
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°



Discover the new

New Products for 2025

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: 12-36V

GO-6 35DC

Power: 35W
Light output: 4,100 lm
Efficiency: 120 lm/W
Voltage: 12-36V



Dark Licht S30

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 S30

Power: 30W
Light output: 4,800 lm
Efficiency: 160 lm/W
Voltage: 12-36V



JEL Products

Stainless Steel Series



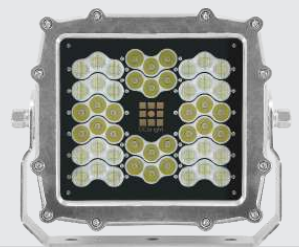
Piranha: 8,400 lm
PI9-70AC-SS
PI9-70DC-SS



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

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.

JEL Products

High Temperature Series



Moray HT: 3,960 lm
MO16-30AC-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

Driverboxes

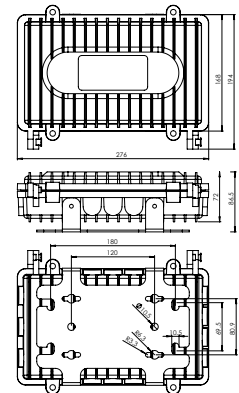
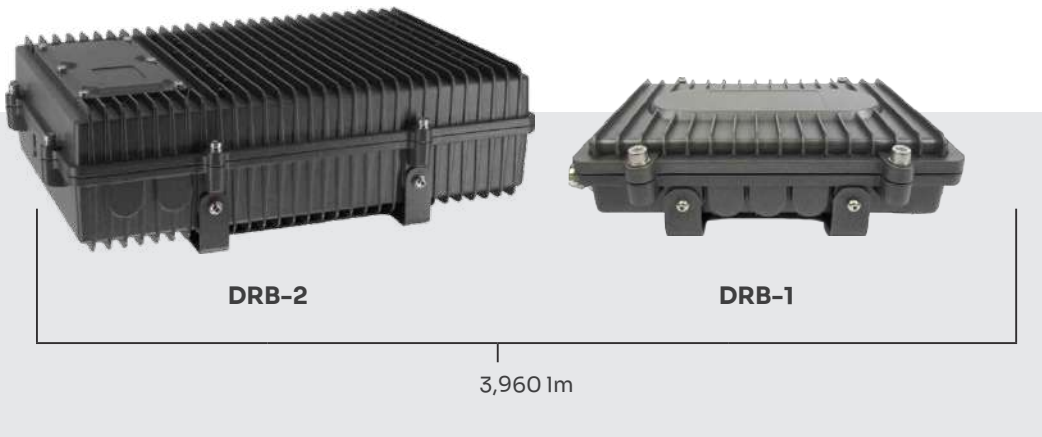
Industrial grade driverboxes

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.

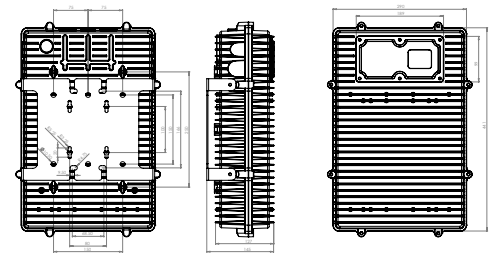
- **High Performance Drivers**
 - Low powerfactor
 - Wide variety of power
- **High thermally conductive housings**
- **Corrosion-resistant aluminum**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust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



Which box type is best depends on configuration



DRB-1



DRB-2

Common Specifications with regards to High Temperature Series

Size 275 mm x 200 mm x 85 mm 10.8 in x 7.9 in x 3.3 in 440 mm x 290 mm x 145 mm 17.3 in x 11.4 in x 5.7 in	Operating Temperature -40°C / -40°F < 50°C / 122°F	Driver Lifespan 100.000 hours
Weight DRB-1: 4.2kg DRB-2: 10.4kg	Power Factor >0.95	Driver combinations
Ingress / Impact Protection IP67, IK08		DRB-1: BA48-HT = 1 MO16 & SN48-HT = 2 DRB-2: OR156-HT = 2 BA48-HT = 4 MO16 & SN48-HT = 6

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 - SN35 - MO16 - PI9	5 year	Std: 0-10; Option: DALI, LoRa Mesh
DRB-2	35 - 1800W	90-305 VAC / 180-528VAC	OR156 - SH66 - BA48 - SN35 - MO16 - PI9	5 year	Std: 0-10; Option: DALI, LoRa Mesh

JEL Products

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 +120°C / +248°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.



LVHT-300	LVHT-600	LVHT-900	LVHT-1200
5,085 lm	10,175 lm	15,265 lm	20,350 lm

HT Linear Common Specifications HT=High Temperature

Size	Weight	Operating Temperature
LVHT 300: 111 mm x 138 mm x 304 mm 4.3 in x 5.4 in x 12 in	LVHT-300: 2.4 kg / 5.3 lb	-45°C / -49°F < +120°C / +248°F
LVHT 600: 111 mm x 138 mm x 604 mm 4.3 in x 5.4 in x 23.8 in	LVHT-600: 3.5 kg / 7.7 lb	
LVHT 900: 111 mm x 138 mm x 904 mm 4.3 in x 5.4 in x 35.6 in	LVHT-900: 4.6 kg / 10.1 lb	
LVHT 1200: 111 mm x 138 mm x 1203 mm 4.3 in x 5.4 in x 47.4 in	LVHT-1200: 5.7 kg / 12.6 lb	
	Optional Extra's	Ingress / Impact Protection
	HT-Optics (Q3 - 2025) Stainless Steel variant (Q3 - 2025)	IP68 (IP69K possible), IK08
		Lumen Maintenance
		100,000 hr, L70B10

Linear HT Specifications HT=High Temperature

Model	Lumens	Lm/W	Power	Voltage	Options	CCT	Warranty
LVHT-300	5,085	185	28W	90-305VAC	HT-optics, Stainless Steel	3000K - 5000K	5 year
LVHT-600	10,175	185	55W	90-305VAC	HT-optics, Stainless Steel	3000K - 5000K	5 year
LVHT-900	15,265	185	83W	90-305VAC	HT-optics, Stainless Steel	3000K - 5000K	5 year
LVHT-1200	20,350	185	110W	90-305VAC	HT-optics, Stainless Steel	3000K - 5000K	5 year

Goby

LED Worklight <6.500 lm

The Goby is our newest vehicle-mounted worklight, combining compact design with impressive performance. Delivering up to 6300 lumens at 120 lumens per watt, its sub-5-inch housing features an integral DT04-2P Deutsch plug for easy installation on all mobile heavy equipment. With dual-CCT LEDs (1800K-6500K) and four beam angle options, the Goby offers unmatched flexibility and durability for demanding applications.

- **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**



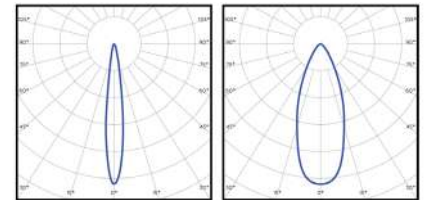
GO-6-35DC

4,100 lm



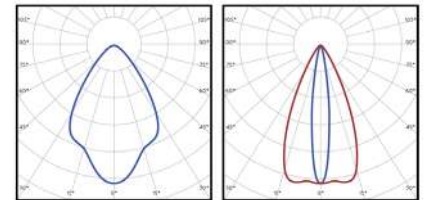
GO-9-55DC

6,300 lm



13 degree

38 degree

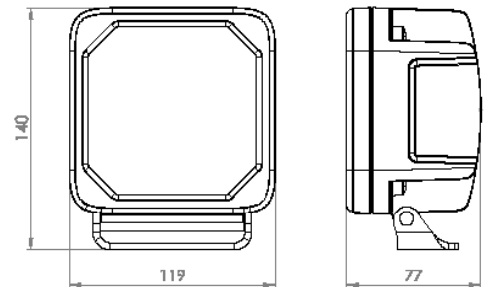


69 degree

46 x 14 degree

Goby Common Specifications

Size 119 mm x 140 mm x 77 mm 4.7 in x 5.5 in x 3 in	Operating Temperature Standard: -40°C / -40°F < 50°C / 122°F	Ingress / Impact Protection IP69K, IK10
Weight Standard Aluminum: 1.8 kg / 4 lb	Cable / Remote Driver Integral DT04-2P	Fixture Adjustment -60° to +30° continuous
		Lumen Maintenance 60,500 hr, L85B10



Goby Specifications

Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
GO6-35DC	4,100	120	35W	12-36 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
GO9-55DC	6,300	115	55W	12-36 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year

Piranha

LED Worklight <8.400 lm

The Piranha is a powerful, compact, and highly configurable vehicle-mounted luminaire, designed to excel in the world's toughest environments. Available in both powder-coated high-grade aluminum and stainless steel housings, it thrives on land, in water, and at sea. With a wide range of optics, CCT options—including dual-CCT configurations—the Piranha offers unmatched flexibility and reliability for demanding applications.

- **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**



PI6-55DC

6,300 lm



PI9-70AC
PI9-70DC

8,400 lm



PI9-70AC-SS
PI9-70DC-SS

8,400 lm

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

<p>Size</p> <p>135 mm x 149 mm x 131 mm 5.3 in x 5.9 in x 5.2 in</p> <p>Weight</p> <p>Standard Aluminum: 3.1 kg / 6.8 lb</p> <p>Stainless Steel: 5 kg / 11 lb</p>	<p>Operating Temperature</p> <p>Standard / SS: -40°C / -40°F < 50°C / 122°F</p> <p>HT / Stainless Steel HT: -45°C / -49°F < 120°C / 248°F</p> <p>Cable / Remote Driver</p> <p>Standard / SS: 30cm PUR Driverbox: DRB-1 / DRB-2 Plug: DT04-2P</p>	<p>Ingress / Impact Protection</p> <p>IP69K, IK10</p> <p>Fixture Adjustment</p> <p>±240°, 30° steps</p> <p>Lumen Maintenance</p> <p>145,000 hr, L80B10</p>	
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Piranha Specifications SS=Stainless Steel, HT=High Temperature

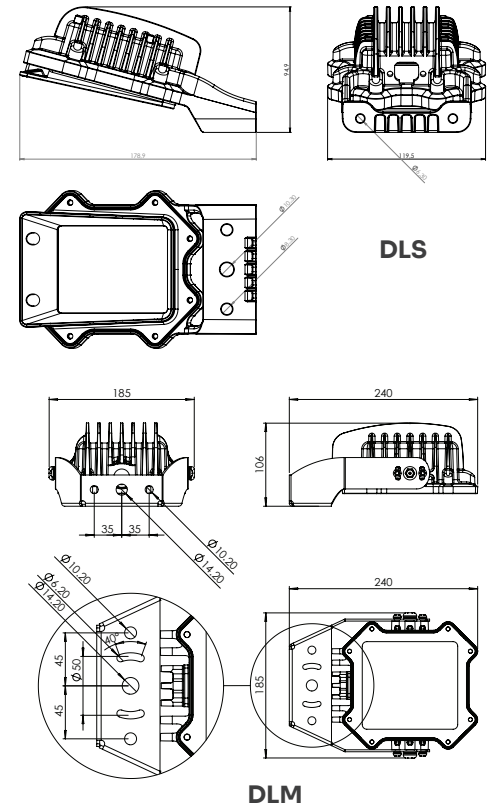
Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
PI6-55DC	6,300	115	55W	12-24 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
PI9-70DC	8,400	120	70W	24 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
PI9-70AC	8,400	120	70W	90-305VAC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
PI9-70DC-SS	8,400	120	70W	24 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year

S & M-Series

LED Worklight <9.600 lm

The DarkLight M and DarkLight S LED worklights combine compact design with exceptional performance, delivering reliable full cut-off illumination in demanding environments where light nuisance must be contained. With outputs of up to 12,000 lumens and impressive efficacy, these rugged fixtures are built to withstand the harshest conditions. Featuring integrated connectors along with multiple beam angle options and dual-CCT capabilities (1800K-6500K).

- **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; 5 reflector types**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK08**



DarkLight Common Specifications

Size	Operating Temperature	Angle Adjustment
DLS: 6.7in x 4.7in x 2.8in 170 mm x 120 mm x 70 mm	Standard: -40°C / -40°F < 50°C / 122°F	DL-S: no adjustment DL-M: -30° to +30°
DLM: 10in x 7.9in x 5.1in 260 mm x 200 mm x 130 mm	Cable / plug	Ingress / Impact Protection
Weight	DL-S: Integral DT04-2P DL-M: 30cm + DT04-2P	IP69K, IK08
DL-S: 1 kg / 2.2 lb DL-M: 2.3 kg / 5.1 lb	Lumen Maintenance	196,000 hr, L80B10

DarkLight Specifications SS=Stainless Steel

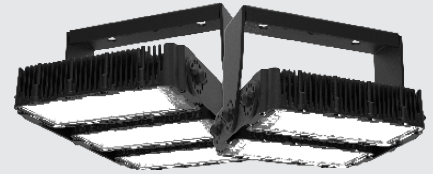
Model	Lumens	Lm/W	Power	Voltage	Driver	CCT	Control	Warranty
DarkLight S30								
DLS-30DC-12/36	4,800	160	30W	12-36 VDC	N/A	1800K - 5000K	N/A	5 year
DarkLight M60-75								
DLM-60DC-12/24 (SS)	9,600	160	60W	12-24 VDC	N/A	1800K - 5000K	N/A	5 year
DLM-60DC-24 (SS)	9,600	160	60W	24 VDC	N/A	1800K - 5000K	N/A	5 year
DLM-75DC-24 (SS)	12,000	160	75W	24 VDC	N/A	1800K - 5000K	N/A	5 year

JEL Products

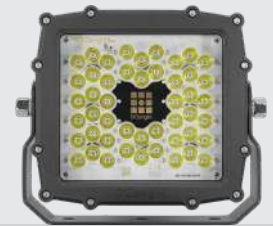
Industrial LED Floodlights



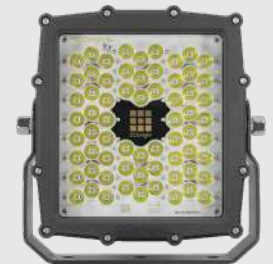
Snapper: <26,400 lm
SN48-180AC*
SN48-150DC



Snapper HC: <83,000 lm
SNx3-48-500AC*
SNx2-48-400AC*



Barracuda: <44,100 lm
BA48-320AC*
BA48-320DC



Shark: <50,000 lm
SH66-320AC*
SH66-320DC



Orca: 111,300 lm
OR156-800AC

Reliable Lighting Solutions for Heavy Industrial Applications

In the toughest industrial environments, every detail matters. Our floodlight series is built to deliver exceptional performance where durability and reliability are non-negotiable. Designed to thrive in harsh conditions, these luminaires excel in high temperatures, corrosive settings, and extreme weather.

With rugged housings crafted from high-grade aluminum or stainless steel, advanced thermal management, and precision optics, our floodlights provide unmatched illumination and longevity. Whether your application demands floodlighting or spotlighting, we offer tailored configurations to meet the challenges of heavy industry.

From intense heat to corrosive elements, our floodlights are engineered to outperform and outlast—ensuring reliable, high-output lighting where others fall short.



Rearmount bracket for the driverbox

Our Industrial driverbox can be used in a custom built rear-mount bracket compatible with all our LED floodlights. Comes with a limited 5 year warranty. Offering similar ingress and impact protection to the floodlights, ensuring reliability in tough environments.

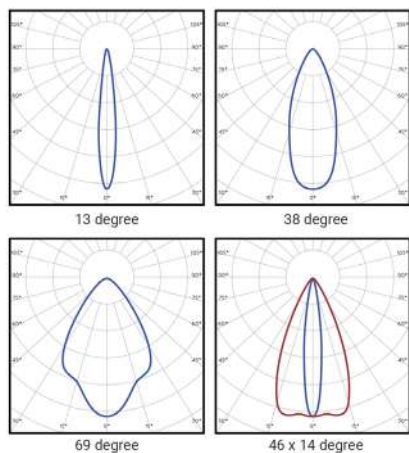
*Rearmount bracket available, ask us for more exact specifications

Moray

LED Floodlight <4.000 lm

The Moray is a high-performance luminaire engineered for offshore reliability. Designed for small-area lighting in wind farms, its driver-integral construction is fully water, wind, and dustproof. Precision 50-50 optics provide hundreds of customizable lighting 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 / DC versions available**



Hundreds of specialized optical available.

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

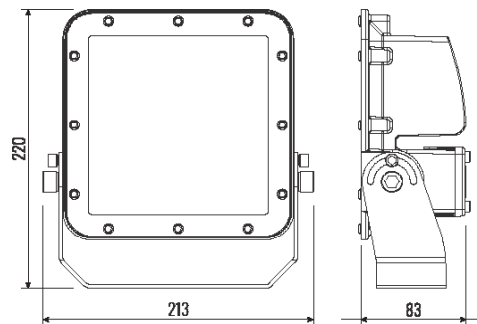
HT:
-45°C / -49°F < 120°C / 248°F

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

Ingress / Impact Protection
IP69K, IK08

Fixture Adjustment
±240°, 30° steps

Lumen Maintenance
60,500 hr, L80B10



Moray Specifications HT=High Temperature

Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
MO16-30DC	3,960	132	30W	24 VDC	100s of options	1800K - 6500K	5 year
MO16-30AC	3,960	132	30W	90-305VAC	100s of options	1800K - 6500K	5 year
MO16-30AC-HT	3,960	132	30W	90-305VAC	120°	2700K - 6500K	5 year

Snapper

LED Floodlight <26.500 lm

The Snapper is a highly versatile floodlight, designed for maximum adaptability and performance. Its compact, modular design enables lightweight multi-fixture assemblies, delivering powerful illumination with ease. Featuring standard 50mm-spaced optics, the Snapper can be configured for hundreds of specialized optical distributions. High-temperature and stainless-steel options ensure durability in even the most demanding environments.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **Available as a special 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 / DC versions available**



SN48-35AC-HT
SN48-35AC-HT-SS

7,000 lm



SN32-180AC
SN32-150DC

26,400 lm

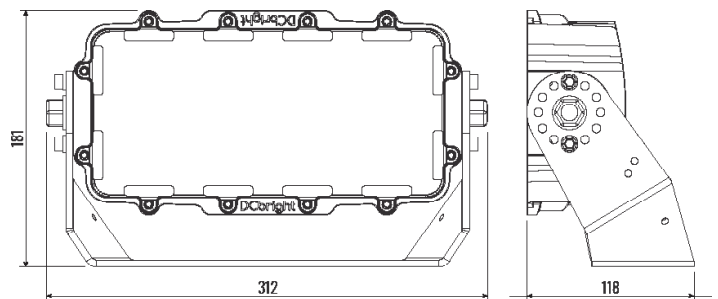


SN24-180AC-SS
SN24-150DC-SS

Snapper Common Specifications SS=Stainless Steel, HT=High Temperature, SH = Stainless Steel 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 High Temperature: -45°C / -49°F < +120°C / +248°F

Cable / Remote Driver	Standard / SS: 2m PUR HT: 25m Silicone
Ingress / Impact Protection	Standard: IP67, IK08 SS: IP69K, IK08
Fixture Adjustment	±240°, 30° steps
Lumen Maintenance	Standard / SS: 196,000 hr, L80B10 HT: 60,500 hr, L80B10



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

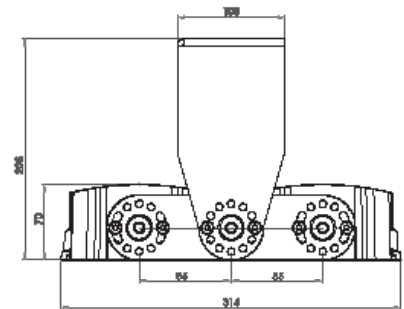
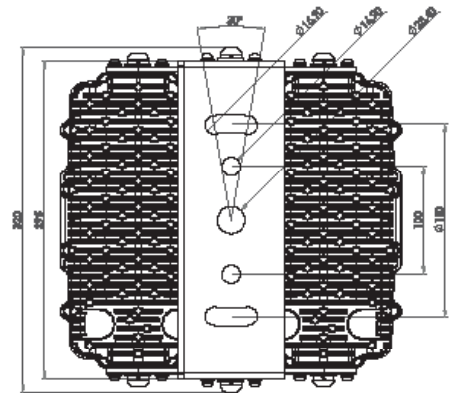
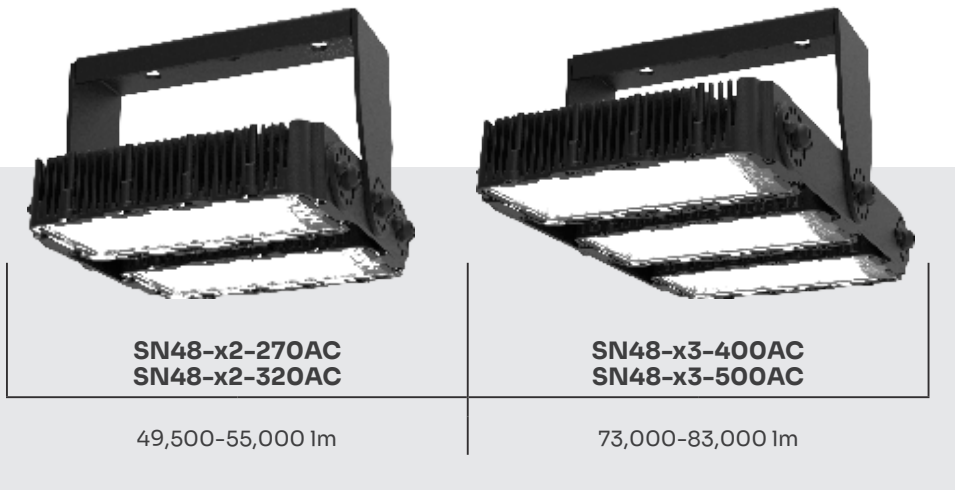
Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
SN32-180AC (SS)	26,400	147	180W	90-305 VAC	100s of options	1800K - 6500K	5 year
SN32-150DC (SS)	22,000	147	150W	24 VDC	100s of options	1800K - 6500K	5 year
SN48-35AC-HT	7,000	200	35W	90-305 VAC	120°	2700K - 6500K	5 year
SN48-35AC-SH	7,000	200	35W	90-305 VAC	120°	2700K - 6500K	5 year

Snapper HC

LED Floodlight <83.000 lm

With two specialized frames and configurations of two or three Snapper fixtures, this system delivers a powerful, compact illumination source with outputs ranging from 50,000 to 80,000 lumens and system efficacies of up to 183lm/W. Originally designed for harbor crane applications, its versatility makes it ideal for a wide range of demanding environments.

- **High Performance LEDs**
 - Dual-color available
 - Wide variety of CCTs
- **High thermally conductive housings**
 - Corrosion-resistant aluminum
- **Dust & Weatherproof, IP67**
- **Impact resistant, IK08**
- **Electrical, mechanical and thermal protections, including:**
 - Vibration resistance
 - Internal temperature monitor
 - Overcurrent regulation



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, L80B10
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: 2m PUR	CCT Standard: 4000K; Option: 1800K, 2200K, 2700K, 5000K, 5700K
Weight	Ingress / Impact Protection	Also available with dual color configuration that allows for switch in color with the press of a button.
Snapper HC x2: 9.9 kg / 21.8 lb	IP67, IK08	
Snapper HC x3: 12.6 kg / 27.8 lb	Fixture Adjustment ±240°, 30° steps	

Snapper HC Specifications Built to be as lightweight as possible

Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
SN48-x2-270AC	49,500	183	270W	90-305 VAC	100s of options	1800K - 6500K	5 year
SN48-x2-300DC	44,000	147	300W	24 VDC	100s of options	1800K - 6500K	5 year
SN48-x2-320AC	55,000	166	320W	90-305 VAC	100s of options	1800K - 6500K	5 year
SN48-x3-400AC	73,000	183	400W	90-305 VAC	100s of options	1800K - 6500K	5 year
SN48-x3-450DC	66,000	147	450W	24 VDC	100s of options	1800K - 6500K	5 year
SN48-x3-500AC	83,000	166	500W	90-305 VAC	100s of options	1800K - 6500K	5 year

Barracuda

LED Floodlight <44.000 lm

The Barracuda is a robust, rectangular LED fixture designed for heavy machinery applications such as cranes, shovels, and light towers. Available in both AC and DC versions with multiple power supply and lumen output options, it offers exceptional flexibility. Featuring IP69K ingress protection, IK10 impact resistance, and corrosion-resistant aluminum or stainless steel castings, the Barracuda is built to withstand the harsh demands of maritime and offshore environments. A high-temperature (HT) version ensures reliable performance in extreme conditions.

- **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 / DC versions available**



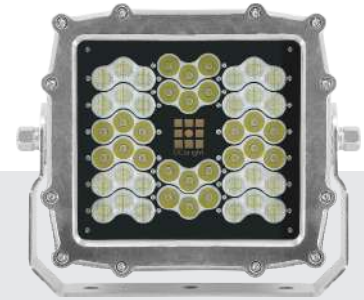
BA45-120HT

20,600



**BA48-320AC
BA48-320DC**

44,100 lm



**BA48-320AC-SS
BA48-320DC-SS
BA45-120AC-SS-HT**

20,600 - 44,100 lm

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

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 (SS/SH):
16.0 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:
15m Silicone

Ingress / Impact Protection

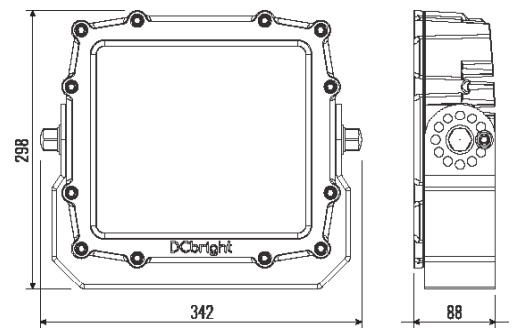
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

Standard / SS:
145,000 hr, L80B10
HT: 60,500 hr, L80B10



Barracuda Specifications SS=Stainless Steel, HT=High Temperature, SH = Stainless Steel High Temperature

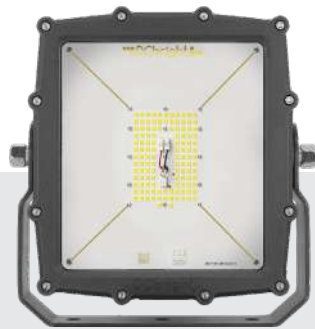
Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
BA45-120AC-HT	20,600	172	120W	90-305 VAC	120°	2700K - 6500K	5 year
BA45-120AC-SH	20,600	172	120W	90-305 VAC	120°	2700K - 6500K	5 year
BA48-240-AC (SS)	32,600	136	240W	90-305 VAC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
BA48-320-AC (SS)	44,100	138	320W	90-305 VAC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
BA48-320-DC	40,800	127	320W	24 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year

Shark

LED Floodlight <50.000 lm

The Shark is one of the most efficient industrial luminaires on the market, boasting an impressive efficacy of up to 198 lm/W. Designed for demanding applications, it excels in environments such as light towers and mining sites, delivering powerful and reliable illumination.

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



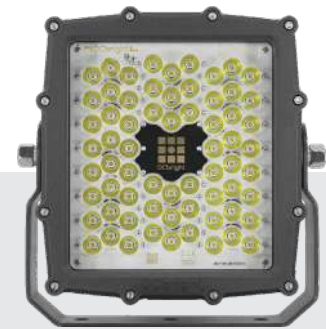
**SH120-160NOP
SH120-240NOP**

25,700 - 47,500



SH66-320DC

44,600 lm



SH66-320AC

50,000 lm

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

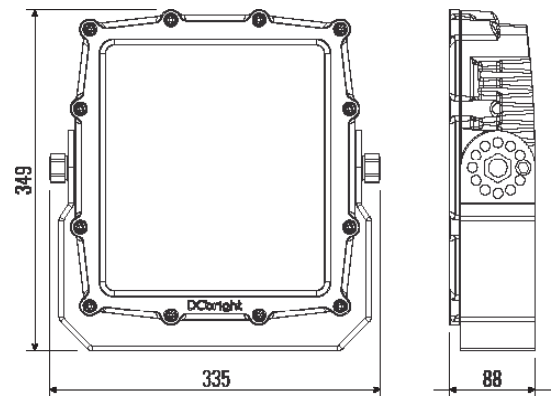
IP69K, IK10

Fixture Adjustment

±240°, 30° steps

Lumen Maintenance

196,000 hr, L80B10



Shark Specifications Built to be as lightweight of a heavy duty floodlight as possible

Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
SH120-160NOP	25,700	161	160W	90-305 VAC	120°	1800K - 6500K	5 year
SH120-240NOP	47,500	198	240W	90-305 VAC	120°	1800K - 6500K	5 year
SH66-320AC	50,000	156	320W	90-305 VAC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
SH66-320DC	44,600	144	320W	24-60 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year

Orca

LED Floodlight <111,000 lm

The Orca is a powerhouse luminaire, delivering up to 110,000 lumens from a compact 16" square aperture. Housed in a rugged, water- and dustproof enclosure, it's available in stainless steel, high-temperature, and high-grade aluminum options. With an efficacy of up to 162 lm/W, AC and DC versions, and both integral and remote driver configurations, the Orca stands as the ultimate solution for high-mount spotlighting in the most demanding environments.

- **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
 - Internal temperature monitor
- **Electrical, mechanical and thermal protections, including:**
 - **Vibration resistance**
 - Overcurrent regulation
- **Dust & Weatherproof, IP69K**
- **Impact resistant, IK10**
- **AC / DC versions available**

			
OR70-320AC-HT-OP OR70-240AC-HT-OP	OR156-320AC-HT OR156-240AC-HT	OR156-800AC OR156-800DC	OR156-800AC-SS OR156-800DC-SS
39,000 - 52,000 lm	55,400 - 73,600 lm	100,200 - 111,300 lm	100,200 - 111,300 lm

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

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

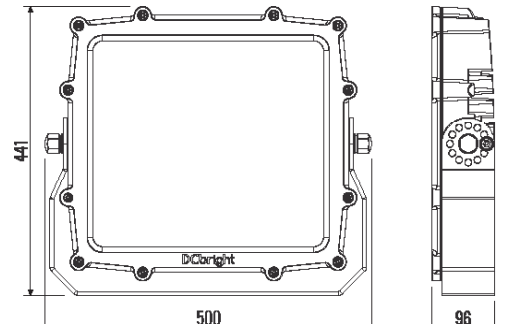
HT / Stainless Steel HT:
-45°C / -49°F < 120°C / 248°F

Cable / Remote Driver
Standard: 2m PUR
HT: 25m Silicone

Ingress / Impact Protection
IP69K, IK10

Fixture Adjustment
±240°, 30° steps

Lumen Maintenance
Standard / SS:
145,000 hr, L80B10
HT: 60,500 hr, L80B10



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

Model	Lumens	Lm/W	Power	Voltage	Optics	CCT	Warranty
OR156-240AC-HT	55,400	240	240W	90-305 VAC	120°	2700K - 6500K	5 year
OR156-240AC-HT-OP	39,000	162	240W	90-305 VAC	20°, 40°, 60°, 120°	2700K - 6500K	5 year
OR156-320AC-HT	73,600	240	320W	90-305 VAC	120°	2700K - 6500K	5 year
OR156-320AC-HT-OP	52,000	162	320W	90-305 VAC	20°, 40°, 60°, 120°	2700K - 6500K	5 year
OR156-800AC (SS)	100,200	125	800W	24-60 VDC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year
OR156-800DC (SS)	111,300	139	800W	180-528 VAC	14°, 38°, 69°, 46X14°	1800K - 6500K	5 year

Dark Light

Glare-free Lighting



A Sustainable step ahead: create Dark Sky compliant industrial vehicles, work sites, lighted area's, and sports fields alike.

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.

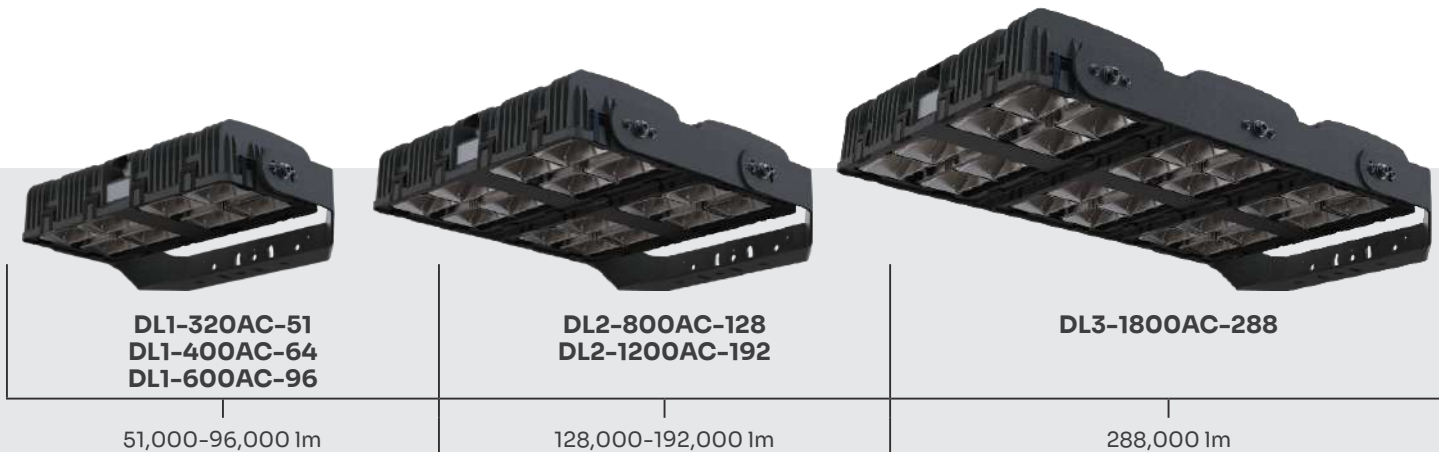


Dark Light

Glare-free LED Lighting <288.000lm

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 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

196,000 hr, L80B10

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

available up to 10 years

DarkLight Specifications

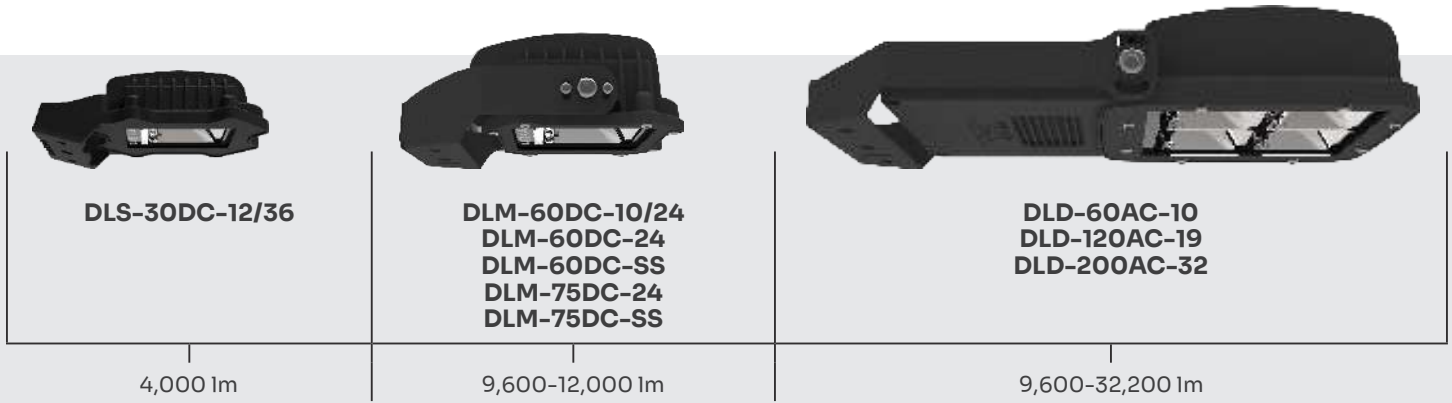
Model	Lumens	Lm/W	Power	Voltage	Driver	CCT	Control	Warranty
DL1-320AC-51	52,000	159	320W	90-305 VAC	internal	1800K - 6500K	0-10V/ DALI	5 year
DL1-400AC-64	64,000	160	400W	180-528 VAC	internal	1800K - 6500K	0-10V/ DALI	5 year
DL1-600AC-96	96,600	160	600W	180-528 VAC	Remote	1800K - 6500K	0-10V/ DALI	5 year
DL2-800AC-128	128,000	160	800W	180-528 VAC	Remote	1800K - 6500K	0-10V/ DALI	5 year
DL2-1200AC-192	192,000	160	1200W	180-528 VAC	Remote	1800K - 6500K	0-10V/ DALI	5 year
DL3-1800AC-288	288,000	160	1800W	180-528 VAC	Remote	1800K - 6500K	0-10V/ DALI	5 year

Dark Light

Glare-free LED Lighting <32.000lm

DCbright Dark Light: DL-S, DL-M, & 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
DLS: 170 mm x 120 mm x 70 mm 6.7 in x 4.7 in x 2.8 in	DL-S: 1 kg / 2.2 lb DL-M: 2.3 kg / 5.1 lb 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-S/M: IP69K, IK08 DL-D: IP67, IK08	196,000 hr, L80B10	63° - 75° Full cut-off
DLM: 260 mm x 200 mm x 130 mm 10 in x 7.9 in x 5.1 in	Operating Temperature	Color Consistency	CCT	Optical Distribution
DLD-60/120: 440 mm x 270 mm x 110 mm 17 in x 11 in x 4.3 in	-40°C / -40°F < 50°C / 122°F	< 3-Step McAdams Ellipse	4000K as standard, 1800K, 2200K, 2700K, 5000K, 5700K Available	Asymmetrical, w/field-adjustable cut-off
DLD-200: 540 mm x 270 mm x 110 mm 21 in x 11 in x 4.3 in	Cable / plug	CRI	Dimming	Fixture Adjustment
	DL-S: Integral DT04-2P DL-M: 30cm + DT04-2P DL-D: none	70 as standard; 80+, 90+ are optional	For AC models DALI is standard, 0-10V optional	±240°, 30° steps
		Dual CTT		Limited Warranty
		Available		S, M, D-series: 5 years D-series area: 7 years

DarkLight Specifications SS=Stainless Steel

Model	Lumens	Lm/W	Power	Voltage	Driver	CCT	Control	Warranty
DarkLight S30								
DLS-30DC-12/36	4,800	160	30W	12-36 VDC	N/A	1800K - 5000K	N/A	5 year
DarkLight M60-75								
DLM-60DC-12/24 (SS)	9,600	160	60W	12-24 VDC	N/A	1800K - 5000K	N/A	5 year
DLM-60DC-24 (SS)	9,600	160	60W	24 VDC	N/A	1800K - 5000K	N/A	5 year
DLM-75DC-24 (SS)	12,000	160	75W	24 VDC	N/A	1800K - 5000K	N/A	5 year
DarkLight D60-D120-D200								
DLD-60AC-10	9,600	160	60W	90-305 VAC	Internal	1800K - 5000K	DALI	5 year
DLD-120AC-19	19,200	160	120W	90-305 VAC	Internal	1800K - 5000K	DALI	5 year
DLD-200AC-32	32,000	160	200W	90-305 VAC	Internal	1800K - 5000K	DALI	5 year

Accessories

Controls & Switch Boxes

Adjust your 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: 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

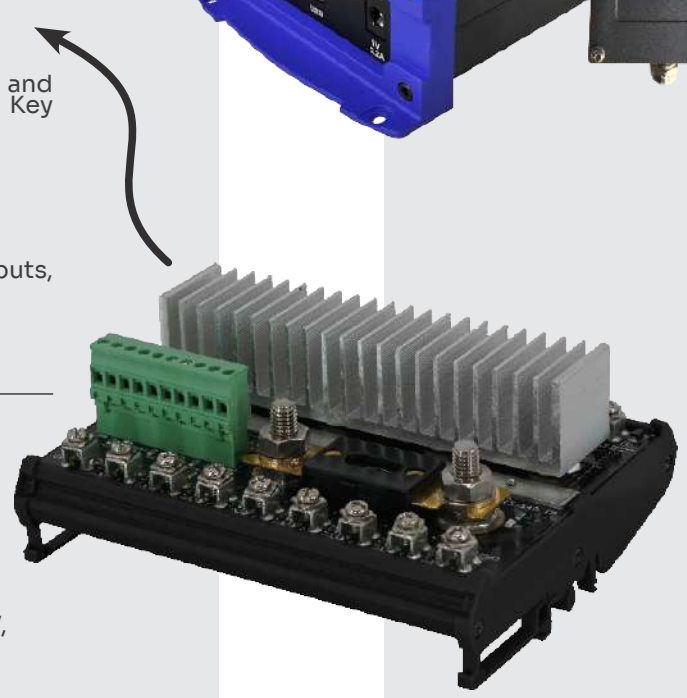
DCbright Switch Box: Robust, vehicle-mounted power distribution

This 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

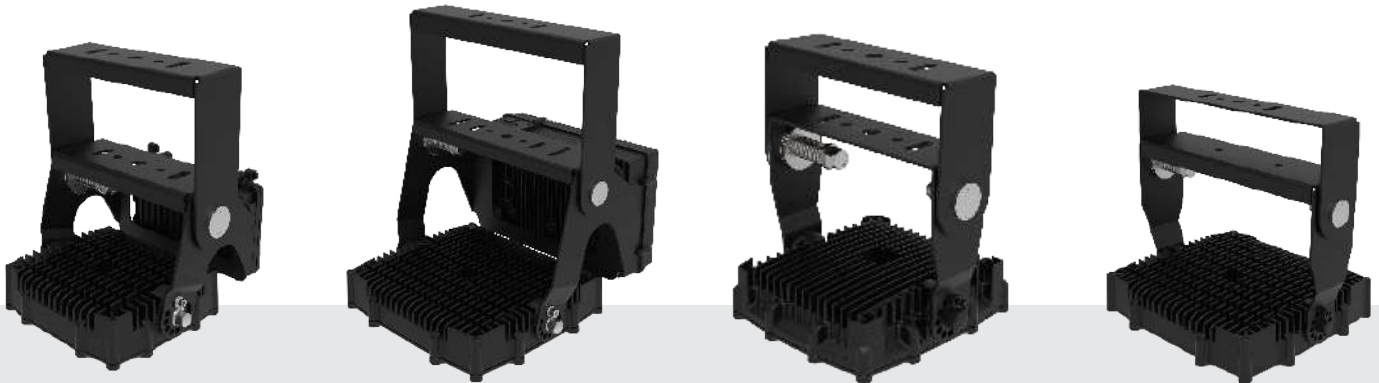


Accessories

Stabilizing Brackets

Illuminate your workspace with our 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.

These stabilizing brackets are fixture-specific, with a wide variety of 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:

BA48-320AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

9.3 kg

Driver option:

Remote on bracket

Orca + Driver Stabilizing Bracket

Compatible luminaire:

OR156-800AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

9.7 kg

Driver option:

Remote on bracket

Shark Stabilizing Bracket

Compatible luminaires:

SH66-320AC
SH66-320DC (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:

OR156-800AC

Bracket material:

304 / 316 Stainless Steel

Bracket weight:

8.7 kg

Driver option:

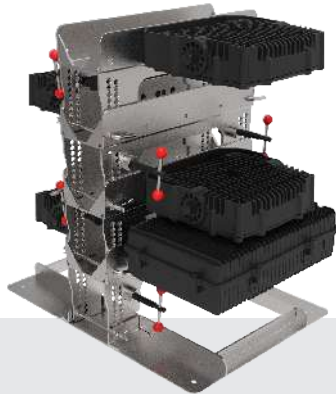
Remote



Accessories

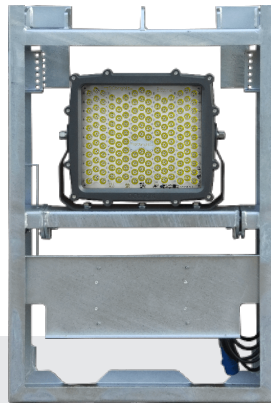
Construction Crane & Boom Brackets

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.



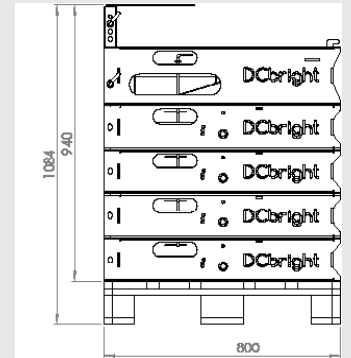
Barracuda Boom Bracket

Compatible luminaire: 4x BA48-320AC
Configuration: 4x Luminaire Bracket + 1x Driver Bracket
Driver option: Remote on bracket
Weight: 48.5 kg
Dimensions: 700 x 510 x 740 mm



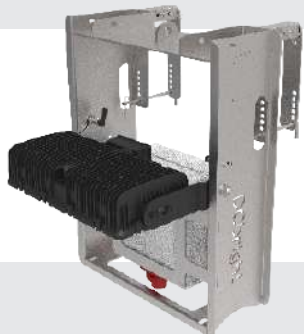
Orca Crane Bracket

Compatible Luminaire: OR-156 800AC
Driver option: Remote on bracket
Weight: 82.6 kg
Dimensions: 800 x 1200 mm



Compact, stackable and storage solution

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: DL1-600AC
Driver type: Internal
Distribution: 4 x 400V / 230V
Connector type: 3/4/5P at 16A / 32A or according to your local guidelines & regulations.
Distribution Box material: polycarbonate
Bracket dimensions: 600 x 800 mm



DL-CCB-600

Luminaire type: DL1-600AC
Driver type: DRB2-AC-600W
Bracket + lamp weight: 45.4 kg
Lamp tilt-drop settings: 0° - 10° - 20° - 90°
Bracket dimensions: 600 x 800 mm



DL-CCB-VDU-32A

Distribution: 4 x 400V / 230V
Connector type: 3/4/5P at 16A / 32A or according to your local guidelines & regulations.
Circuit breaker type: 3xC10 or any other custom type.
Distribution Box material: polycarbonate
Bracket dimensions: 600 x 800 mm



One pallet, two lit up towercranes.

Our smart Dark Licht Crane set includes the following:

- 8x DL-CCB-600+DR
- 2x DL-CCB-VDU-32A
- 1x 60 meter 5x2.5mm² or 5x4mm² neoprene cable

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



PRODUCTS

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