

UNIVERSAL LED TOWERCRANE LIGHTS



MEET THE LIGHTS THAT DRIVE OUR
SUSTAINABLE | LIGHTING | SOLUTIONS

UNIVERSAL GLARE FREE TOWERCRANE LIGHTING SOLUTION

At JEL Products, we understand the unique demands of crane rental and large-scale construction operations in Europe. That's why we've engineered the ultimate lighting solution – The Universal Tower Crane Lighting System.

5 Key Features:

- 1 | Effortless Installation:** Our versatile Dark Licht Towercrane bracket effortlessly mounts onto the crane's mastbeam, the frame is then secured to the crane with a locking pin ensuring a safe and hassle-free setup.
- 2 | Stack and Go:** Securely house the luminaire and power supply within the bracket, allowing the entire assembly to be stacked on a Euro pallet. With a stacking capacity of 2 rows, 8 high, and locking pins for stability, transporting multiple units is now a breeze, drastically reducing shipping costs and logistics complexities.
- 3 | Built to Last:** Designed to withstand the harsh realities of a construction site, our bracket and luminaire are engineered for durability. Covered by our extensive 5 year long heavy duty use warranty!
- 4 | Flexible Illumination:** Easily unfold the luminaire to cast brilliant light across the work area, providing abundant illumination for your workforce and equipment. All in accordance with EN-12464-2 regulations.
- 5 | Weatherproof Design:** With a protective enclosure surrounding the luminaire and driver, our product is built to withstand the most challenging weather conditions. IP67 rated and thus no leaks, nor water damage.

Why Choose Our Solution?

In summary, our LED luminaire integrated with the Tower Crane Bracket is the ultimate lighting solution for construction sites across Europe. It offers seamless transport, unparalleled durability, and adaptability, making it a strategic investment for construction companies dedicated to enhancing their work site lighting.

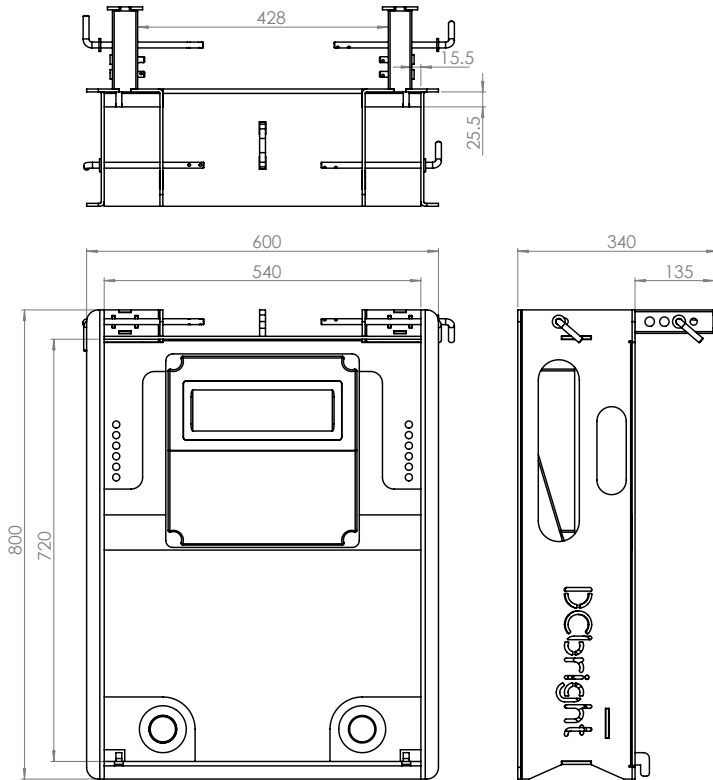
EXPLANATORY VIDEO:



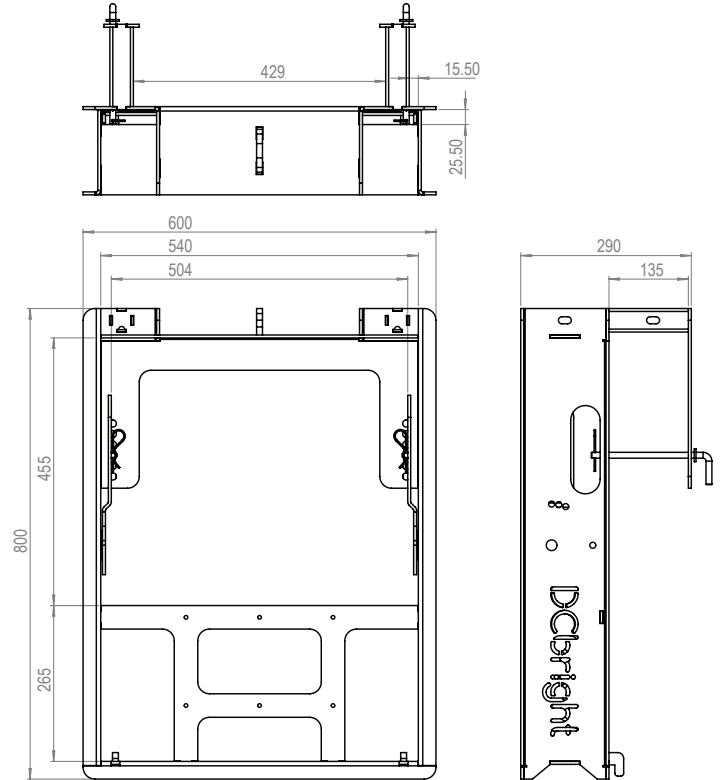
DISCOVER THE POWER OF SUPERIOR ILLUMINATION, CONTACT US TODAY TO LIGHT UP
YOUR CONSTRUCTION PROJECTS WITH CONFIDENCE.

CRANE BRACKET

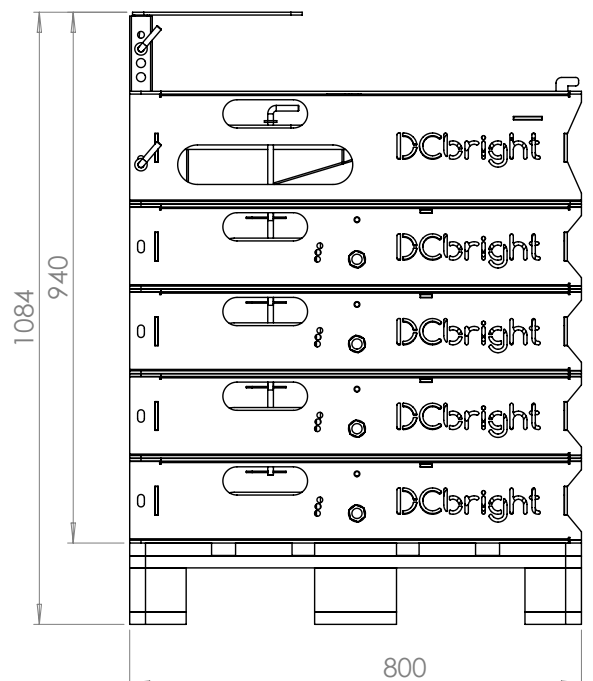
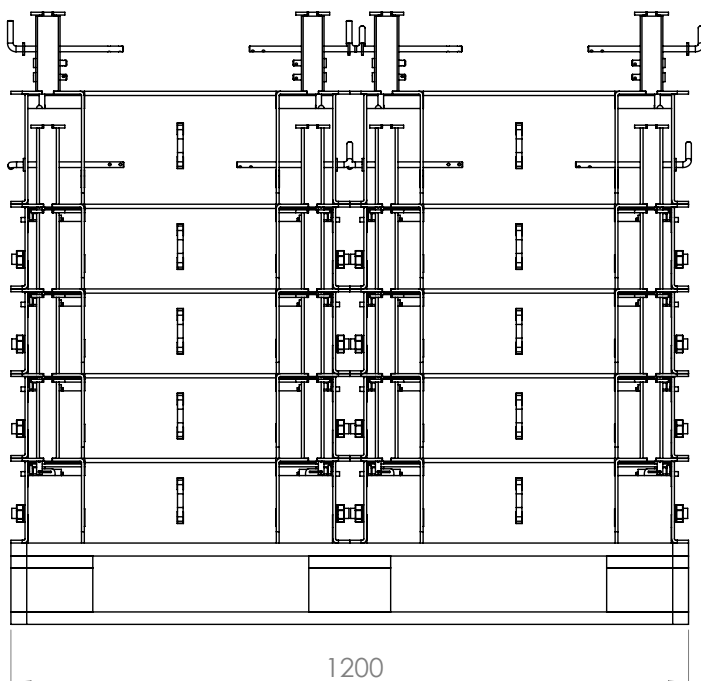
POWERUNIT + FRAME



LIGHT + FRAME



TRANSPORTATION & STORAGE EUROPALLET



DARK LIGHT - 600CCB

Brand	Dark Licht
Product origin	Netherlands
Warranty	5 Years

ELECTRICAL

Voltage range	180-528Vac / 250-740Vdc
Frequency	50 / 60 Hz
Power factor	> 0.95

PERFORMANCE

Fixture lumen efficiency	160 lm/W
Net lumen output	96.000 lm
Advised mounting height	max 50m above working area ensures 50lux, as required by EN12464-2.
Lamp tilt drop-settings	0° - 10° - 20° - 90°
Light distribution	Asymmetrical - adjustable cut-off
Light adjustment range	63° - 75° Full cut-off
CRI	Standard: >70 Optional: >80, >90
Light color:	Standard: 5000k Optional: 2200k, 2700k, 4000k
Operation temp range	-40°C ~ +50°C
Waterproof rating	IP67
Impact rating	IK07 (IK08 on request)

MATERIALS

Lamp body	Aluminum alloy (low copper)
Lamp body finish	13 stage pretreatment + dual layers titanium based e-coating (Grey)
Crane Frame	Galvanized Steel
Total Frame weight	45.4 kg
Dimensions	800 x 600 x 290 mm
Stackable per europallet	2x 8pcs (16pcs total)
Accessoires	Powerunit frame + cable

DARK LIGHT - 320CCB

Brand	Dark Licht
Product origin	Netherlands
Warranty	5 Years

ELECTRICAL

Voltage range	90-305Vac / 127-420Vdc
Frequency	50 / 60 Hz
Power factor	> 0.95

PERFORMANCE

Fixture lumen efficiency	160 lm/W
Net lumen output	52.000 lm
Advised mounting height	max 30m above working area ensures 50lux, as required by EN12464-2.
Lamp tilt drop-settings	0° - 10° - 20° - 90°
Light distribution	Asymmetrical - adjustable cut-off
Light adjustment range	63° - 75° Full cut-off
CRI	Standard: >70 Optional: >80, >90
Light color:	Standard: 5000k Optional: 2200k, 2700k, 4000k
Operation temp range	-40°C ~ +50°C
Waterproof rating	IP67
Impact rating	IK07 (IK08 on request)

MATERIALS

Lamp body	Aluminum alloy (low copper)
Lamp body finish	13 stage pretreatment + dual layers titanium based e-coating (Grey)
Crane Frame	Galvanized Steel
Total Frame weight	36.9 kg
Dimensions	800 x 600 x 290 mm
Stackable per europallet	2x 8pcs (16pcs total)
Accessoires	Powerunit frame + cable

UNIQUE GLARE-FREE OPTIC®

LED light sources are hidden in the back of the reflector system. Inside the field of view the actual light source is hidden back inside the parabolic reflector system. Outside the field of view the light source becomes invisible. This single feature provides lighting designers with confidence to install the Dark Licht and know the light fitting will not be visible by neighboring properties near the lighting installation. This means there will be no complaints that the lights and LED light sources are visible from the general public.

A COMPLETE SOLUTION

The Dark Licht Construction Crane Bracket is a versatile lighting solution that easily mounts on a crane mast beam. The bracket securely holds the luminaire and power supply, stackable on a euro pallet with 2 rows and 8 high capacity. Brackets slide and lock together, minimizing shipping costs. Designed for construction site toughness, the luminaire folds out for ample illumination. Its protective enclosure ensures durability in harsh weather. The LED luminaire on the crane bracket is an excellent lighting solution, offering transport ease, durability, and flexibility. All can be connected by our smart Crane Distribution set which includes a frame for connecting 4 lights and a single input cable for easy electrical installation — making it a smart investment for construction companies improving work site lighting and efficiency.

CRANE DISTRIBUTION SET

Material	5 mm, hot dip galvanized steel
Model	DL-CDB
Fits the models	DL1-AC-600CCB DL1-AC-400CCB DL1-AC-320CCB
Bracket + lamp weight	33.5 kg
Euro pallet transport	2 rows - 8 high - locked
Warranty	5 years



PLUG AND PLAY

The Dark Licht Crane Bracket is available as a set comprising 4 light brackets and 1 distribution bracket. It comes with 60 meters of cable. This set is perfect for stacking on a Euro pallet, making it an ideal one-fits all solution.

Complete towercrane set

- 4x Crane bracket light + driver
- 1x Crane Bracket distribution box | weight 33.5kg
- 1x 60 meter 5x2.5mm neoprene cable



AVAILABLE POWER OUTPUTS

Model:	Power:	Lumen output:	Life Span	Lamp Weight	Lamp Dimensions	Driver / Voltage
DL1-AC-320W-51	320W	52.000 lm	82.241 hrs - L80B10	14.9 kg	365 x 550 x 160 mm	Internal
DL1-AC-400W-64	400W	64.000 lm	196.030 hrs - L80B10	15.0 kg	365 x 550 x 160 mm	Internal
DL1-AC-600W-96	600W	96.000 lm	196.030 hrs - L80B10	14.0 kg	365 x 550 x 160 mm	Box

PROVIDING A BEACON OF LIGHT
SUSTAINABLE | LIGHTING | SOLUTIONS



INTERNATIONAL SALES INQUIRIES

JEL PRODUCTS

E-mail: info@jelproducts.nl
Contact: +31 33 785 98 09

SALES SUPPORT

jaap@jelproducts.nl
+316 53 77 05 98

TECHNICAL SUPPORT

lucas@jelproducts.nl
+316 10 54 47 70

www.jelproducts.nl