

High Temperature Series

Heat-resistant LED luminaires for continuous operation up to +120 °C ambient

PRODUCT DATASHEET · COMPLETE RANGE



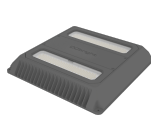
THE RANGE AT A GLANCE



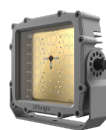
Goby HT
2,600 lm · 13 W



Snapper HT
7,000 lm · 35 W



Manta HT
14,400 lm · 75 W



Barracuda HT
20,600 lm · 120 W



Linear HT
up to 25,600 lm



Orca HT
up to 73,600 lm



DRB driverbox
up to 2,000 W

- Continuous operation up to +120 °C ambient with full warranty, short peaks up to +130 °C permitted
- Remote drivers in external DRB driverboxes outside the hot zone, 100,000 h driver lifespan
- Heat-resistant silicone cabling up to 25 m between driverbox and luminaire
- Hardened glass optics, no plastic lenses, housings engineered for radiant and ambient heat
- Complete range from 2,600 to 73,600 lumen, 316L stainless steel versions available
- Proven at Tata Steel, Rockwool, VPK Paper and Farm Frites

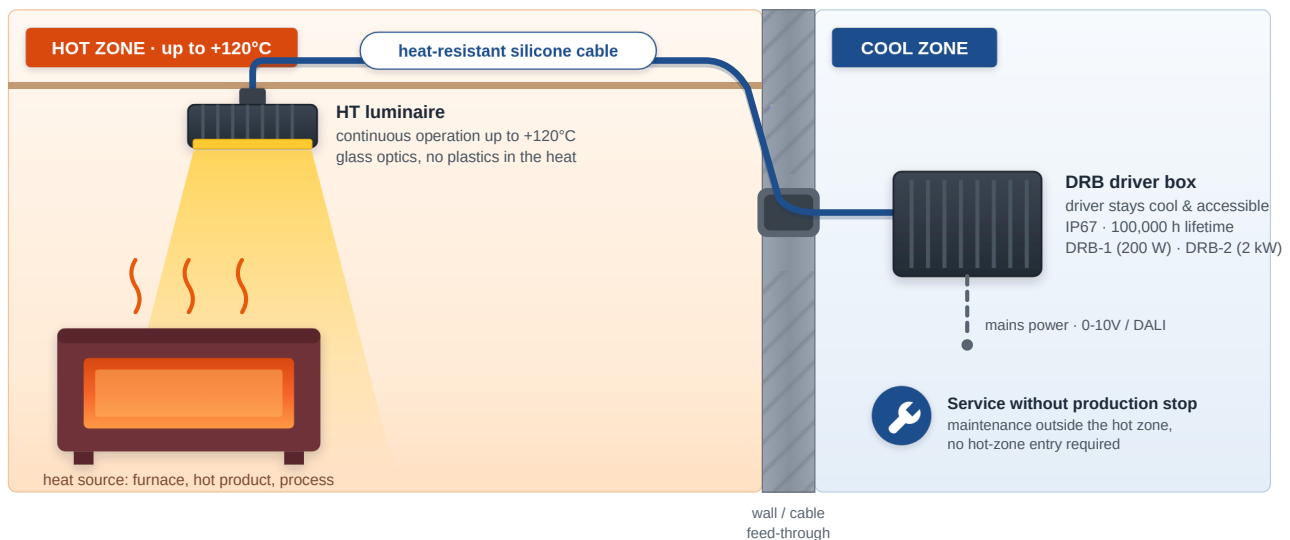
In which temperature zone does your application fall?

Standard industrial LED luminaires are specified up to approximately +50 °C ambient temperature. Above that point the driver electronics fail first, followed by deformed lenses and collapsing light output. The high temperature range is engineered as a system for exactly this domain. The decisive value is the actual thermal load at the mounting position: ambient temperature plus radiant heat from hot product, ovens or machinery.

to +50 °C Standard range	+50 to +120 °C High Temperature line	peaks +130 °C Permitted	above +130 °C Engineering
Within the normal operating range our standard industrial luminaires apply, specified from -40/-45 °C up to +50 °C. Heat-resistant versions are not required here.	The domain of the HT line. All six luminaires operate here in AC version up to +120 °C with full warranty. DC versions (24 V) for low-voltage installations operate up to +110 °C.	Short temperature peaks up to +130 °C are permitted without consequences for the warranty: oven doors opening, batch changes or steam cleaning cycles.	Reliable LED lighting for ambient temperatures above +130 °C does not exist. There is almost always an engineering solution: positioning outside the hottest zone, shielding against radiation or lighting through a feed-through.

In virtually every failure of LED lighting in hot environments the driver is the weak link: the electronics are more sensitive to heat than the LED itself. Every HT installation therefore consists of two parts: the heat-resistant luminaire in the hot zone and the driver in a DRB driverbox outside it, connected by heat-resistant silicone cabling up to 25 m.

The HT system: luminaire in the heat, driver outside



AC: continuous operation up to +120°C with warranty · peaks up to +130°C permitted · DC versions up to +110°C

Built-in self-protection. AC luminaires protect themselves with internal temperature feedback: at rising internal temperature they automatically dim back (with good airflow typically not below 50% of the luminous flux, under heavy fouling down to a minimum of 10%) and at overheating they switch themselves off. DC versions do not dim back and run at 100% up to +110 °C; only the efficacy decreases slightly at high temperature.

Measurement reference. All photometric values in this datasheet are measured at a reference ambient temperature of +50 °C. ATEX zones are a separate certification question: HT luminaires are not ATEX-certified by default. Ask our engineers about the possibilities.

The Goby HT is the compact work light of the high temperature range, built for task and inspection lighting close to the process. Its sub-5-inch housing fits confined positions in oven zones, industrial machinery and climate chambers, while operating continuously at ambient temperatures up to +120 °C with the driver placed outside the hot zone.



KEY FEATURES

- High-output LEDs, 200 lm/W at 13 W
- Solid copper-core PCB with IR-reflective gold coating
- Thermally hardened impact-resistant glass, IK09
- IP69K: resistant to steam and high-pressure cleaning
- AC and DC versions, remote driver via DRB driverbox
- Dual-colour version available (cool white / amber)

TYPICAL APPLICATIONS

- Task and inspection lighting close to the process
- Climate chambers and test rooms
- Mobile heavy equipment and industrial machines
- Confined oven and dryer surroundings

LIGHT & ELECTRICAL

Luminous flux	2,600 lm
Efficacy	200 lm/W
Power consumption	13 W
Voltage range AC	90-305 VAC
Current draw AC	approx. 0.05 A at 220-277 V approx. 0.1 A at 120 V
Voltage range DC	10-32 VDC
Current draw DC	approx. 0.6 A at 24 V approx. 1.1 A at 12 V

TEMPERATURE & LIFETIME

Operating range AC	-45 °C to +120 °C
Operating range DC	-45 °C to +110 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	90,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	6500 K, 4000 K, 2700 K, 2200 K amber
Dual-colour	cool white / amber optional
Beam angle	120° very wide, up to 15 m
Lenses	not possible at high temperatures

CONSTRUCTION & PERFORMANCE

Ingress protection	IP69K
Impact resistance	IK09
CRI (Ra)	>70
Housing & bracket	aluminium alloy, <0.08% copper
PCB	solid copper core, IR-reflective gold coating
Coating	conversion layer + 2-layer titanium-based e-coating
Front cover	thermally hardened impact-resistant glass
Colour	Titanium light grey
Cable	SiHF-OB, 15.0 m, heat-resistant, pre-fitted, free wire ends

DIMENSIONS & WEIGHT

Weight	1.8 kg (4.0 lb)
Dimensions	120 × 141 × 79 mm

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty
Certification	CE, ENEC, IEC 60598
North America	configurations on request

MODELS & VARIANTS

Model	Article	Voltage	Luminous flux	Power	Max. ambient
Goby HT	GOHT01	90-305 VAC	2,600 lm	13 W	+120 °C
Goby HT DC	GOHT02	24 V (10-32 VDC)	2,600 lm	13 W	+110 °C

Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Amber (2200 K) and dual-colour versions on request. Driver configuration: external driver in DRB-1 or DRB-2 driverbox outside the hot zone.

Snapper HT

LED floodlight · 7,000 lumen · High Temperature Series

The Snapper HT is the proven allrounder of the high temperature line: a compact, modular floodlight with 200 lm/W efficacy and heat-resistant silicone cabling up to 25 m. For the food industry and chemical environments the Snapper HT is also available entirely in 316L stainless steel, including a chemically resistant quantum sealed version.



KEY FEATURES

- 200 lm/W efficacy at 35 W
- Chemically hardened glass front, IK08
- Heat-resistant SiHF-OB cable, 25.0 m
- Full 316L stainless steel versions available
- AC and 24 V DC versions, remote driver via DRB driverbox
- IR-reflective print as standard against radiant heat

TYPICAL APPLICATIONS

- Oven and dryer zones in process industry
- Food industry: ovens, fryer lines, sterilisation
- Steel and metal processing
- Climate chambers and test rooms

LIGHT & ELECTRICAL

Luminous flux	7,000 lm
Efficacy	200 lm/W
Power consumption	35 W
Voltage range AC	90-305 VAC
Current draw AC	approx. 0.2 A at 220 V approx. 0.3 A at 110 V
Voltage DC	24 V nominal, 20-35 VDC
Current draw DC	approx. 1.5 A at 24 V

TEMPERATURE & LIFETIME

Operating range AC	-45 °C to +120 °C
Operating range DC	-45 °C to +110 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	90,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	6500 K, 4000 K, 2700 K
Beam angle	120° very wide, up to 15 m
Lenses	not possible at high temperatures

CONSTRUCTION & PERFORMANCE

Ingress protection	IP67 (IP68 possible) SS / CHEM: IP69K
Impact resistance	IK08
CRI (Ra)	>70
Housing	aluminium alloy, <0.08% copper SS / CHEM: 316L stainless steel
Coating	conversion layer + 2- layer titanium-based e-coating
Front cover	chemically hardened glass (IK09) or borosilicate glass
Colour	Titanium light grey SS: stainless / CHEM: Dark Black
Cable	SiHF-OB, 25.0 m, heat-resistant

DIMENSIONS & WEIGHT

Weight	3.1 kg (aluminium) 7.0 kg (stainless steel)
Dimensions	320 × 180 × 100 mm

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty
Certification	CE, IEC 60598
North America	configurations on request

MODELS & VARIANTS

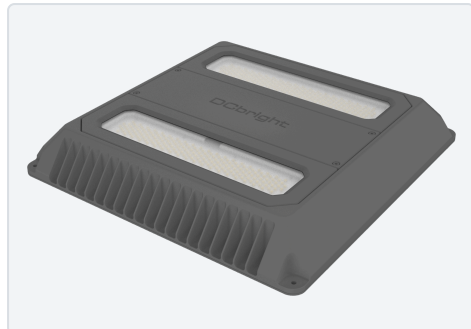
Model	Article	Housing	Voltage	Max. ambient
Snapper HT	SNHT01	aluminium	90-305 VAC	+120 °C
Snapper HT DC	SNHT02	aluminium	24 V (20-35 VDC)	+110 °C
Snapper SS-HT	SNHT03	316L stainless steel	90-305 VAC	+120 °C
Snapper SS-HT DC	SNHT04	316L stainless steel	24 V (20-35 VDC)	+110 °C
Snapper CHEM-HT	SNHT05	316L quantum sealed	90-305 VAC	+120 °C

All models 7,000 lm at 35 W. Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Driver configuration: external driver in DRB-1 (1-2 luminaires) or DRB-2 (up to 6 luminaires) outside the hot zone.

Manta HT

LED canopy light · 14,400 lumen · High Temperature Series

The Manta HT is the heat-resistant canopy light for drying tunnels and ceiling mounting in hot process areas. The recess version builds only 20 mm deep and integrates flush into ceilings and canopies; the surface version mounts directly onto any flat surface. Output is adjustable via NFC from 10 to 75 W without opening the luminaire.



KEY FEATURES

- Output adjustable via NFC, 10 to 75 W
- Flat recess version, only 20 mm deep
- IP69K: resistant to steam and high-pressure cleaning
- CRI >80 or >90 optional for quality control
- Remote driver via DRB driverbox
- IR-reflective print optional against radiant heat

TYPICAL APPLICATIONS

- Drying tunnels and ovens, ceiling mounted
- Food industry process areas
- Canopies and low process rooms
- Positions with intensive cleaning cycles

LIGHT & ELECTRICAL

Luminous flux	14,400 lm
Efficacy	192 lm/W
Power consumption	75 W
Power adjustment	NFC adjustable, 10-75 W
Voltage range	90-305 VAC
Current draw	approx. 0.34-0.27 A at 220-277 V approx. 0.63 A at 120 V

TEMPERATURE & LIFETIME

Operating range	-45 °C to +120 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	71,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	5700 K, 5000 K, 4000 K, 2700 K, 2200 K amber
Dual-colour	cool white / amber optional
Beam angle	120° very wide, up to 15 m
Lenses	not possible at high temperatures

CONSTRUCTION & PERFORMANCE

Ingress protection	IP69K
Impact resistance	IK08
CRI (Ra)	>70 standard, >80 / >90 optional
Housing	aluminium alloy, <0.08% copper
Coating	conversion layer + 2-layer titanium-based e-coating
Front cover	chemically hardened glass (IK09) or borosilicate glass
Colour	Titanium light grey
Cable	SiHF-OB, 15.0 m, heat-resistant

DIMENSIONS & WEIGHT

Manta Recess HT	380 × 380 × 20 mm, 3.9 kg
Manta Surface HT	380 × 380 × 95 mm, 4.9 kg

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty
Certification	CE, ENEC, IEC 60598
North America	configurations on request

MODELS & VARIANTS

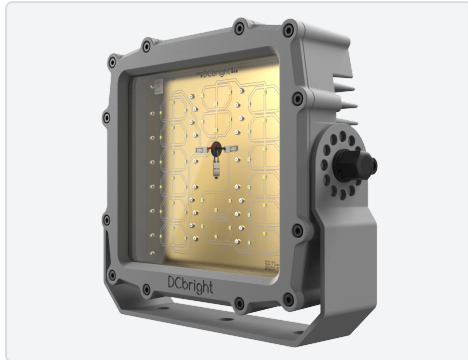
Model	Article	Mounting	Dimensions	Weight	Max. ambient
Manta Surface HT	MAHT01	surface mounted	380 × 380 × 95 mm	4.9 kg	+120 °C
Manta Recess HT	MAHT02	recessed, flush	380 × 380 × 20 mm	3.9 kg	+120 °C

Both models 14,400 lm at 75 W (NFC adjustable). Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Driver configuration: external driver in DRB-1 or DRB-2 driverbox outside the hot zone.

Barracuda HT

LED floodlight · 20,600 lumen · High Temperature Series

The Barracuda HT is the robust floodlight for oven zones and heavy industry, and the proven choice at Tata Steel and Rockwool. The casted aluminium housing with high-tensile 316L stainless steel bracket withstands the combination of ambient heat, radiant heat and vibration that defines steel and mineral wool production environments.



KEY FEATURES

- 20,600 lm from a compact casted housing
- High-tensile 316L stainless steel bracket, ±240°
- Chemically hardened glass front
- IP69K: resistant to steam and high-pressure cleaning
- HT-OP versions with dedicated HT optics
- IR-reflective print as standard
- Full 316L stainless steel version available

TYPICAL APPLICATIONS

- Steel industry: rolling mills, casting platforms
- Mineral wool and building materials production
- Oven zones in heavy process industry
- Paper machines and drying sections

LIGHT & ELECTRICAL

Luminous flux	20,600 lm
Efficacy	172 lm/W
Power consumption	120 W
Voltage range	90-305 VAC
Current draw	approx. 0.6 A at 220 V approx. 1.1 A at 110 V

TEMPERATURE & LIFETIME

Operating range	-45 °C to +120 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	71,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	6500 K, 4000 K, 2700 K
Beam angle	120° very wide, up to 15 m
Optics	HT glass optics (HT-OP versions)

CONSTRUCTION & PERFORMANCE

Ingress protection	IP69K
Impact resistance	IK08
CRI (Ra)	>70
Housing	aluminium alloy, <0.08% copper SS: 316L stainless steel
Bracket	high-tensile 316L stainless steel
Coating	conversion layer + 2-layer titanium-based e-coating
Front cover	chemically hardened glass (IK09) or borosilicate glass
Colour	Titanium light grey / stainless
Cable	SiHF-OB, 15.0 m, heat-resistant

DIMENSIONS & WEIGHT

Weight	10.1 kg (aluminium) 16.0 kg (stainless steel)
Dimensions	320 × 290 × 90 mm

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty
Certification	CE, IEC 60598
North America	configurations on request

MODELS & VARIANTS

Model	Article	Housing	Optics	Max. ambient
Barracuda HT	BAHT01	aluminium	120° no lens	+120 °C
Barracuda HT-OP	BAHT02	aluminium	HT optics	+120 °C
Barracuda SS-HT	BAHT03	316L stainless steel	120° no lens	+120 °C
Barracuda SS-HT-OP	BAHT04	316L stainless steel	HT optics	+120 °C

All models 20,600 lm at 120 W, 90-305 VAC. Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Driver configuration: external driver in DRB-1 (1 luminaire) or DRB-2 (up to 5 luminaires) outside the hot zone.

The Linear HT brings linear, even light distribution to process lines, climate chambers and drying installations at ambient temperatures up to +120 °C. Four lengths from 350 to 1250 mm cover task lighting above production lines through to continuous rows over full machine widths, all at 213 lm/W.



KEY FEATURES

- Four lengths, 6,400 to 25,600 lm, all 213 lm/W
- Linear light image over the full luminaire length
- Diffuse impact-resistant glass or borosilicate glass
- Angle adjustable up to 180° in 30° steps
- HT optics: 20°, 40°, 60° or 120° no optic
- AC and DC versions (DC up to +110 °C)

TYPICAL APPLICATIONS

- Paper machines: linear light across the web width
- Process and production lines
- Climate chambers and drying installations
- Walkways and platforms in hot areas

LIGHT & ELECTRICAL

Luminous flux	6,400 to 25,600 lm
Efficacy	213 lm/W
Power consumption	30 / 60 / 90 / 120 W
Voltage range AC	90-305 VAC
DC versions	available, up to +110 °C ambient
Current draw (LVHT-120)	approx. 0.52-0.44 A at 220-277 V approx. 1.0 A at 120 V

TEMPERATURE & LIFETIME

Operating range AC	-45 °C to +120 °C
Operating range DC	-45 °C to +110 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	90,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	6500 K, 4000 K, 2700 K, 2200 K amber
Dual-colour	cool white / amber optional
Adjustment	up to 180° in 30° steps
Optics	20° HT spot, 40°, 60°, 120° no optic

CONSTRUCTION & PERFORMANCE

Ingress protection	IP69K
Impact resistance	IK08
CRI (Ra)	>70 standard, >80 / >90 optional
Housing & bracket	aluminium alloy, <0.08% copper
PCB	solid copper core, IR-reflective gold coating
Coating	conversion layer + 2-layer titanium-based e-coating
Front cover	diffuse impact-resistant glass (IK09) or diffuse borosilicate glass (IK08)
Colour	Titanium Light Grey
Connection	SiHF-OB cable, heat-resistant, IP69K junction box

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty for high temperature applications up to +120 °C
Certification	CE, ENEC, IEC 60598
North America	configurations on request

MODELS & VARIANTS

Model	Article AC / DC	Luminous flux	Power	Dimensions	Weight
LIN30-HT	LVHT01 / LVHT05	6,400 lm	30 W	130 × 110 × 350 mm	2.8 kg
LIN60-HT	LVHT02 / LVHT06	12,800 lm	60 W	130 × 110 × 650 mm	4.4 kg
LIN90-HT	LVHT03 / LVHT07	19,200 lm	90 W	130 × 110 × 950 mm	6.0 kg
LIN120-HT	LVHT04 / LVHT08	25,600 lm	120 W	130 × 110 × 1250 mm	7.6 kg

All models 213 lm/W. AC versions up to +120 °C ambient, DC versions up to +110 °C. Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Driver configuration: external driver in DRB-1 or DRB-2 driverbox outside the hot zone.

The Orca HT is the most powerful heat-resistant floodlight in the market: up to 73,600 lumen from a single housing at up to 230 lm/W. The OP versions carry dedicated high temperature glass optics of 20°, 40° or 60° for directed lighting of oven zones and inspection positions from a distance.



KEY FEATURES

- Up to 73,600 lm from a single housing
- Up to 230 lm/W efficacy
- HT glass optics 20°, 40°, 60° (OP versions)
- High-tensile 316L stainless steel bracket, ±240°
- Also available for 180-528 VAC industrial grids
- IR-reflective print as standard

TYPICAL APPLICATIONS

- Large work zones in steel and glass production
- High-mounted positions above hot processes
- Oven zones lit from a distance (OP versions)
- Heavy industry with high mounting positions

LIGHT & ELECTRICAL

Luminous flux	55,400 lm (240 W) 73,600 lm (320 W)
Luminous flux OP	39,000 lm (240 W) 52,000 lm (320 W)
Efficacy	230 lm/W, OP versions 162 lm/W
Power consumption	240 W or 320 W
Voltage range	90-305 VAC or 180-528 VAC

TEMPERATURE & LIFETIME

Operating range	-45 °C to +120 °C
Temperature peaks	up to +130 °C permitted
L90B10 at +50 °C	360,000 h
L90B10 at +85 °C	103,000 h
L90B10 at +105 °C	71,700 h
L90B10 at +120 °C	51,400 h

LIGHT COLOUR & BEAM

Colour temperatures	6500 K, 4000 K, 2700 K
Beam angle	120° very wide (no lens)
HT optics (OP)	20°, 40° or 60° glass optics
Bracket adjustment	±240°, in 30° steps

CONSTRUCTION & PERFORMANCE

Ingress protection	IP69K
Impact resistance	IK08
CRI (Ra)	>70
Housing	aluminium alloy, <0.08% copper SS: 316L stainless steel
Bracket	high-tensile 316L stainless steel
Coating	conversion layer + 2-layer titanium-based e-coating
Front cover	chemically hardened glass (IK09) or borosilicate glass
Colour	Titanium light grey / stainless
Cable	SiHF-OB, 2.0 m, heat-resistant, to remote driver outside the hot zone

DIMENSIONS & WEIGHT

Weight	22.7 kg (50 lb)
Dimensions	500 × 441 × 96 mm

WARRANTY & CERTIFICATION

Warranty	5-year limited product warranty
Certification	CE, IEC 60598
North America	configurations on request

MODELS & VARIANTS

Model	Article	Housing	Optics	Luminous flux	Power
Orca HT	ORHT01	aluminium	120° no lens	73,600 lm	320 W
Orca HT-OP	ORHT02	aluminium	20° / 40° / 60° HT glass	52,000 lm	320 W
Orca SS-HT	ORHT03	316L stainless steel	120° no lens	73,600 lm	320 W
Orca SS-HT-OP	ORHT04	316L stainless steel	20° / 40° / 60° HT glass	52,000 lm	320 W

All models max. +120 °C ambient. 240 W versions available on request: 55,400 lm, OP versions 39,000 lm. Article numbers carry a CCT suffix: -65K = 6500 K, -40K = 4000 K, -27K = 2700 K. Driver configuration: external driver in DRB-2 driverbox outside the hot zone.

Every HT luminaire operates with its driver mounted remotely in an industrial DRB driverbox outside the hot zone. The IP67 housings protect the electronics against dust, water and harsh conditions, while remote installation keeps the drivers cool: the basis of the 100,000 hour driver lifespan and the +120 °C system warranty. Drivers remain separately accessible for service, without entering the hot zone and without production stops.



DRB-1



DRB-2

KEY FEATURES

- High performance drivers, low powerfactor distortion, wide variety of power configurations
- Thermally conductive, corrosion-resistant aluminium housings, available in black and grey
- Electrical, mechanical and thermal protections: vibration resistance, internal temperature monitor, overcurrent regulation
- Compatible with all HT and stainless steel luminaires
- Heat-resistant silicone cabling up to 25 m between driverbox and luminaire

COMMON SPECIFICATIONS

Ingress protection	IP67
Impact resistance	IK08
Operating temperature	-40 °C to +50 °C
Power factor	>0.95
Driver lifespan	100,000 h
Control	0-10 V standard DALI and LoRa Mesh optional
Warranty	5 years

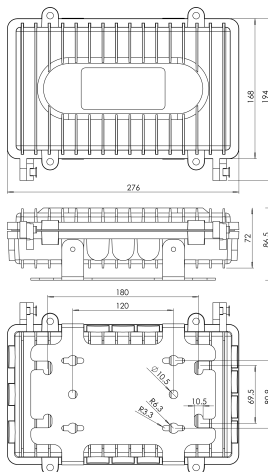
MODEL OVERVIEW

DRB-1	for systems up to 200 W
DRB-1 dimensions	276 × 194 × 86.5 mm, 4.2 kg
DRB-2	for systems up to 2,000 W
DRB-2 dimensions	441 × 290 × 145 mm, 10.4 kg
Voltage ranges	90-305 VAC / 180-528 VAC

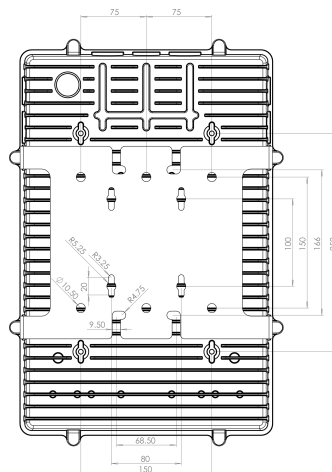
TYPICAL CONFIGURATIONS

DRB-1	1x Barracuda HT, or 1-2x Snapper HT / Goby HT
DRB-2	up to 6x Goby HT / Snapper HT, or 5x Barracuda HT
Orca HT & mixed systems	engineered per project
Supply	driverboxes are supplied pre-configured per project

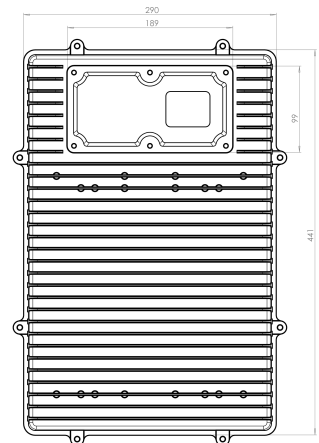
DIMENSIONAL DRAWINGS



DRB-1



DRB-2



Applications & contact

Proven in the hardest environments in industry



One range, six industries

Steel & metal processing

Radiant heat from hot steel is decisive here, not air temperature. Proven above rolling mills and casting platforms at Tata Steel IJmuiden.

Paper & board

Heat, steam and paper dust combined above the drying sections. IP67 luminaires with external drivers, proven at VPK Paper.

Food industry

Around ovens, fryer lines and sterilisation zones, resistant to +120 °C and to steam and high-pressure cleaning. 316L versions available. Proven at Farm Frites.

Climate chambers & test rooms

Thousands of temperature cycles between extreme heat and frost. AC up to +120 °C, DC up to +110 °C, condensation-proof.

Glass & ceramics

High air temperatures combined with intense radiant heat from glowing product. HT glass optics for directed inspection lighting.

Ovens, dryers & process installations

The question is rarely more lumen, but which luminaire survives. Thermal load calculated per position, proven at Rockwool.

REFERENCE PROJECTS

Project	Location	Scope
Tata Steel	IJmuiden, The Netherlands	Lighting in the steel production process, combined ambient and radiant heat
Rockwool	Zajci, Croatia	High temperature lighting around melting and curing zones in mineral wool production
VPK Paper	Belgium	Lighting above paper machines: heat, steam and paper dust combined
Farm Frites	The Netherlands	Lighting at fryer lines: heat, grease vapour and intensive cleaning

Above +130 °C, or not sure about your thermal load? Our engineers calculate the thermal load per mounting position and design the complete system: luminaire selection, driverbox positions, cable runs and where needed custom engineering with shielding or feed-throughs. You receive a response from an engineer within one working day, including a lighting calculation where useful.

DOWNLOADS & PROJECT SUPPORT

- Product-specific datasheets, 3D files (STEP) and IES photometric files available on request
- Lighting calculations and thermal load assessments by our engineering team
- Discuss your application: jelproducts.nl/en/ or call **+31 (0)33 785 9809**



JEL Products B.V.

Ampèrestraat 19e, 3861 NC Nijkerk, The Netherlands
+31 (0)33 785 9809 | info@jelproducts.nl | www.jelproducts.nl
ISO 9001 certified | VCA** certified | Dutch engineered