



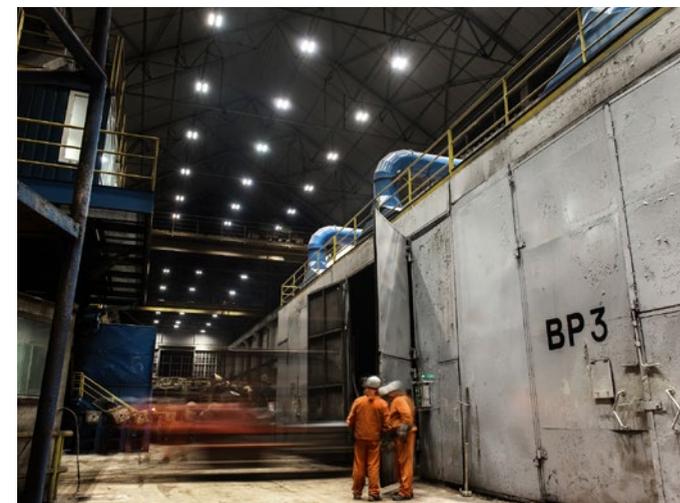
ELiT

ENERGY & LIGHTING INDUSTRIAL TECHNOLOGY



TWIN industrial LED luminaire

Relying on experience in the optimization of industrial lighting and extensive knowledge of our development team, we have developed a high-quality TWIN luminaire. Our aim is to improve working conditions and increase the satisfaction of your employees with better illumination of premises while also achieving high savings and lower emissions.



Due to its exceptional characteristics, TWIN is achieving competitive results in the LED industry, especially in extreme conditions, which dictates the segment of heavy industry.

TWIN LUMINAIRE CHARACTERISTICS

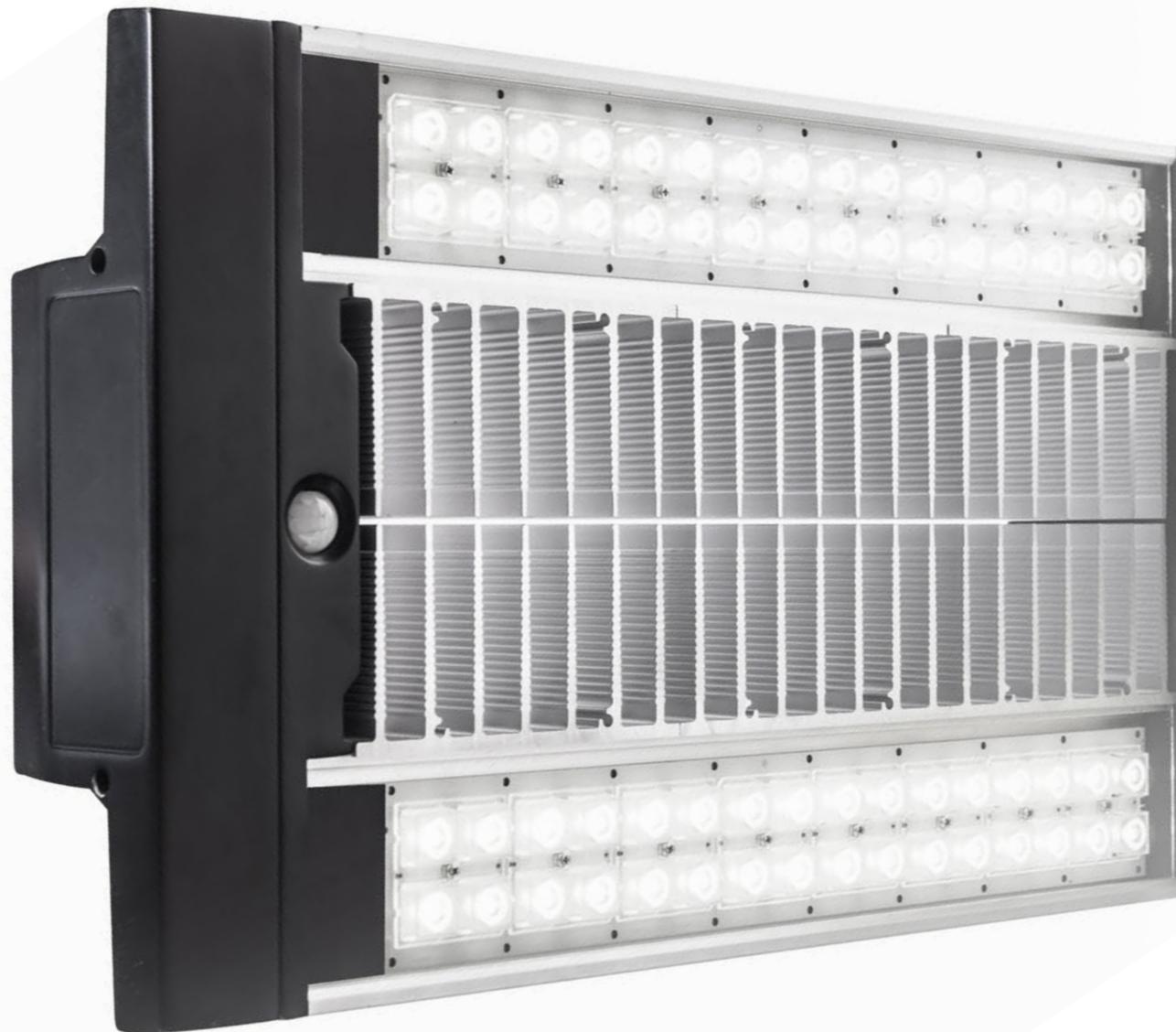
Temperature resistance (SIQ certified)	70°C
Life span	10 years
LED efficiency	178 lm/w
Power supply savings	up to 80%
Co2 emmision savings	up to 90%
Lightning improvement	up to 100%
Maintenance	∅
Warranty	5 years +

TECHNICAL DATA

TWIN 64

light source	64 CREE XT-E
total consumption	125 W ± 2 %
LED output	20.000 lm ± 2 %
luminaire output	18.390 lm to 19.750 lm
power supply	TwinPower 150
voltage	180-260 V AC
input frequency	50 Hz ± 10 %
power supply efficiency	92,5 %
power factor	0,97
wireless dimming	optional
PIR sensor	optional
color temperature	4500 K (other on request)
CRI	>75 (higher on request)
secondary optics	25°, 44°, 65°, no optics, mixed
operating temperature	-30°C to +80°C
mounting height	5 m - 35 m
lamp lifespan	min. L90 to 100.000 h @Ta=25°C
warranty on all components	5 years +
housing - heatsink	99.8 % pure aluminium
optics cover	3.0 mm extra white tempered glass
connection	fast switching connector
cooling surface	more than 1 m ²
IP rating	IP 65
IK code	IK 08
protection class IEC	class I.
lamp dimensions	540/327/96 mm
lamp weight	10,0 kg
packaging dimensions	550/350/100 mm
packing weight	10,5 kg
mounting kit	optional

Operating ambient temperature of TWIN luminaire:

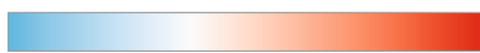


- FLICKER FREE
- HI/LOW TEMPERATURE RESISTANT
- IMPROVES WORKING & SAFETY CONDITIONS
- CO₂ SAVING
- NO MAINTENANCE
- DUST PROOF
- 24h ALL DAY PERFORMANCE
- 35m HIGH SPACES
- POWER SAVING
- ECO FRIENDLY
- POWER SUPPLY EFFICIENCY
- LIFESPAN 10 yrs
- WARRANTY 5 yrs
- MADE IN EU

TWIN 32

light source	32 CREE XP-L
total consumption	125 W ±2%
LED output	20.500 lm ±2%
luminaire output	18.850 lm to 20.250 lm
power supply	TwinPower150
voltage	180-260 V AC
input frequency	50 Hz ±0,1%
power supply efficiency	92,5 %
power factor	0,97 %
wireless dimming	optional
PIR sensor	optional
colour temperature	4000 K (others on request)
CRI	>75
secondary optics	30°, 55°, 66°, no optics, asymmetric
operating temperature	-30°C to +70°C
mounting height	5 m - 35 m
lamp lifespan	L90 min. 100.000h @Ta=25°C
warranty	5 years +
housing - heatsink	99.8 % pure aluminium
optics cover	3.0 mm tempered glass or PC
connection	switching connector
cooling surface	more than 0,7 m ²
IP rating	IP 65
IK code	IK 08
protection class IEC	class I
rough service mark	yes
lamp dimensions	390/327/96 mm
lamp weight	7,0 kg
packaging dimensions	400/350/100 mm
packing weight	7,5 kg
hanging kit	optional

Operating ambient temperature of TWIN luminaire:



-30°C

70°C



light source	64 CREE XP-L
total consumption	250 W ±2%
LED output	40.000 lm ±2%
luminaire output	36.780 lm to 39.500 lm
power supply	TwinPower150 (dual)
voltage	180-260 V AC
input frequency	50 Hz ±0,1%
power supply efficiency	92,5 %
power factor	0,97 %
wireless dimming	optional
PIR sensor	optional
colour temperature	4000 K (others on request)
CRI	>75
secondary optics	30°, 55°, 66°, no optics, asymmetric
operating temperature	-30°C to +60°C
mounting height	5 m - 35 m
lamp lifespan	L80 min. 100.000h @Ta=25°C,
warranty	5 years +
housing - heatsink	99.8 % pure aluminium
optics cover	3.0 mm extra white tempered glass
connection	fast switching connector
cooling surface	more than 1 m ²
IP rating	IP 65
IK code	IK 08
protection class IEC	class I
rough service mark	yes
lamp dimensions	600/327/96 mm
lamp weight	12,0 kg
packaging dimensions	610/350/100 mm
packing weight	12,5 kg
hanging kit	optional

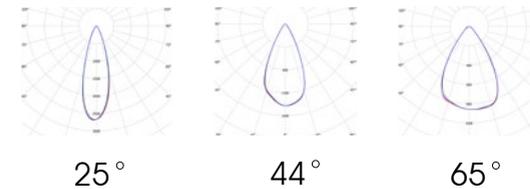
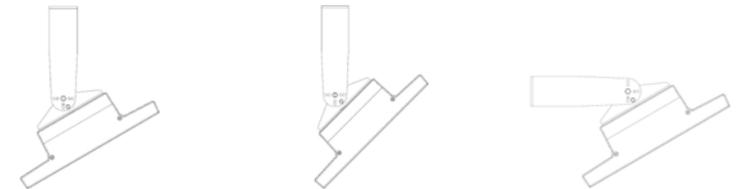
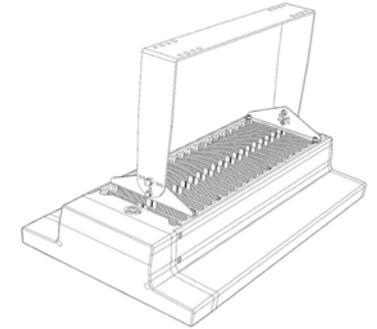
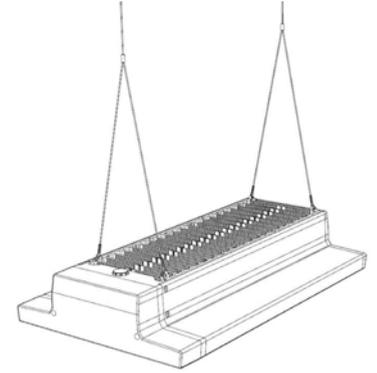
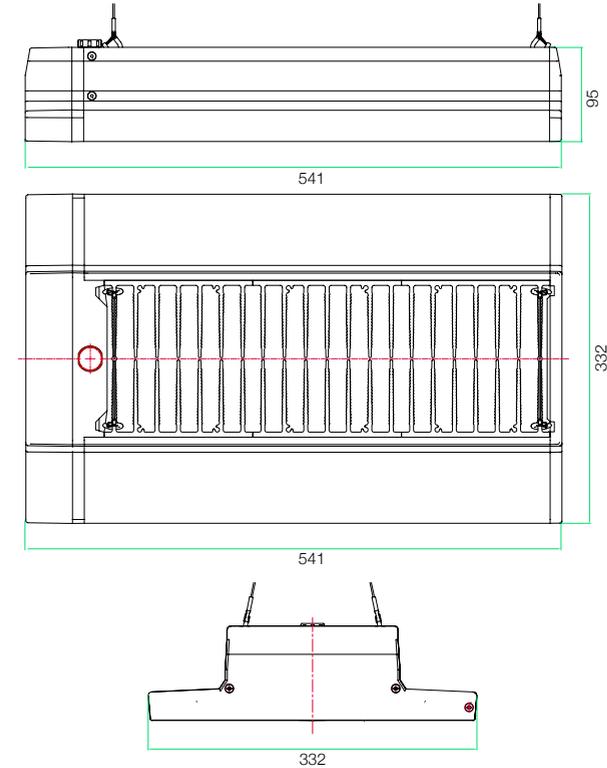
Operating ambient temperature of TWIN luminaire:



-30°C

60°C

DUAL CHARGE



BENEFITS



ELEGANT
industrial design for maximum luminaire efficiency.



FLEXIBILITY
due to versatile installation and easy connection.



COMPETITIVENESS
due to temperature resistance, the height adjustability and cost-effectiveness.



VENTILATION
with an open central part allows the circulation of air and thus an optimum discharge of heat and dust.



EXCEPTIONAL
performance in extreme conditions.



RESISTANCE
due to the composition and built-in materials.



EFFICIENCY
with high luminaire efficiency on desired surface (LUX).



INTELLIGENCE
of wireless communication and movement sensor (PIR sensor).



COMPONENTS

CREE ⇄

• Diodes LED

- Long lifespan and low power consumption
- Not sensitive to vibrations and shocks,
- Made in solid form, outstanding durability
- Emit much less heat,
- Immediate activation

LEDiL

• OPTICS

- Optimum light dispersion according to the installation height
- Uniform illumination of the working surface
- Ideal for optimizing existing lighting (replacement 1: 1)

gg Magnetica s.r.l.

• POWER / CHARGING

- Free of electrolytic capacitors
- Flawless operation of $T = 100^{\circ} \text{C}$
- Lifespan up to 100.000 hours
- Installation outside of the housing by plugging in the cooling section

sapa:

• HOUSING

- Optimal heat dissipation (unique design)
- Extruded aluminum (99.7% purity)
- Standard anodized protection
- Vertically positioned heat sinks
- High-temperature-resistant plastic finishing

Hecker
GLASTECHNIK

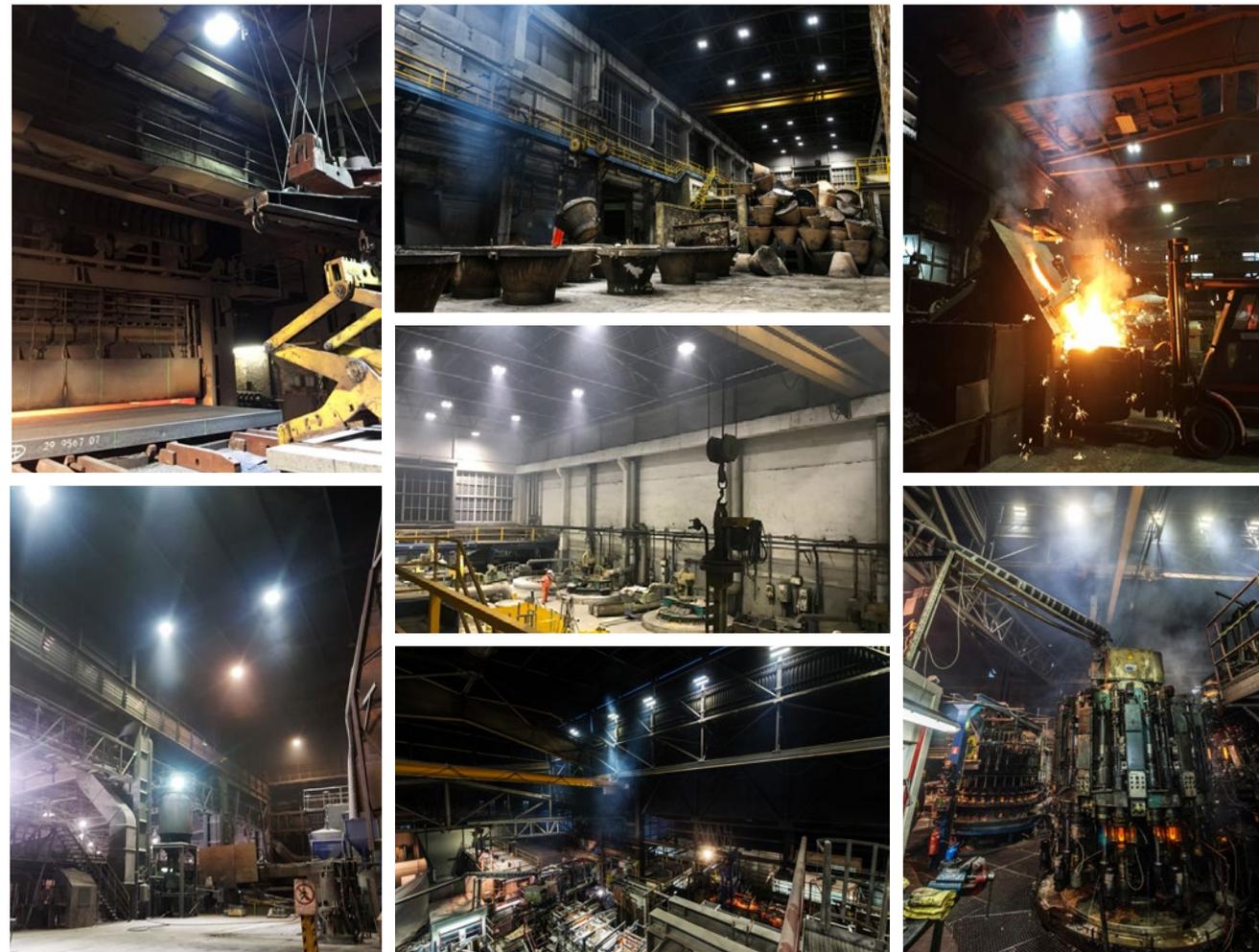
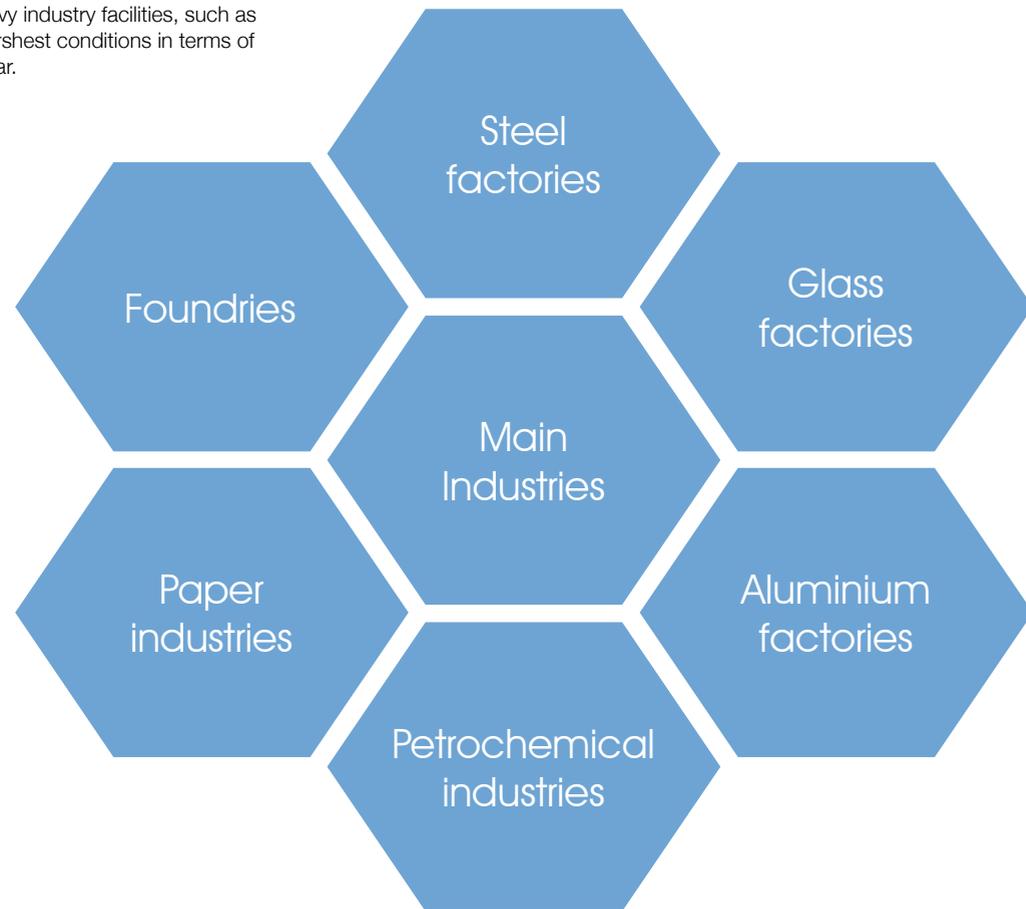
• GLASS

- Highly transparent tempered glass (98% transmittance)
- Shock and vibration resistant
- Impact ratio IK 08
- Easy to clean



INDUSTRIES

The luminaire is primarily intended for use in heavy industry facilities, such as foundries and steel manufacturers where the harshest conditions in terms of temperature, dustiness and sustained use appear.







ELiT
MADE IN EUROPE