N8LED®
2.0

NEW

reddot design award
best of the best 2013

ELSPRO PREMIUM

ELSPRO®

Plastic-powder-coated aluminium
lamp housing

Finger grips

Polycarbonate lens optics

Stand receptacle adapter
for DIN pegs

LED board

Ø 640 mm

90 mm → low wind load

Crane eyelet support

Aluminium cooling element
incl. LED module

Scraper ring lamp fastening and
spring cotter pin

Stand receptacle adapter
for DIN pegs

Aluminium lamp cover

Connector

Pressure compensation valve

Recess for mounting
the line stopper
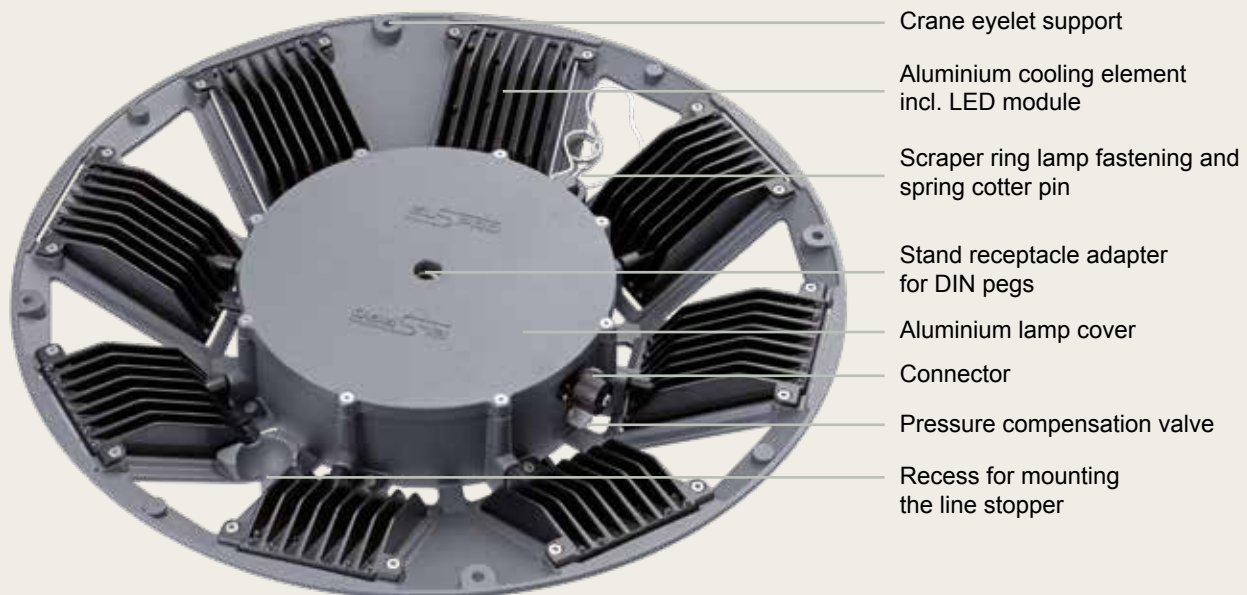
Other versions on request / Subject to alterations and errors -

www.youtube.com/ELSPROTV

Radiant beauty...

Designed for the illumination of all construction and assembly sites in industry and trade, for rescue and emergency services, for control missions, army and events.

- High availability due to individually driven LED modules
- Modular design, LED modules and drivers individually interchangeable
- Directly after switching on, full power and large-area uniform illumination
- Lighter and quicker assembly of the lighting unit
- Tool-free assembly and disassembly due to captive safety spring-loaded plug and scraper ring
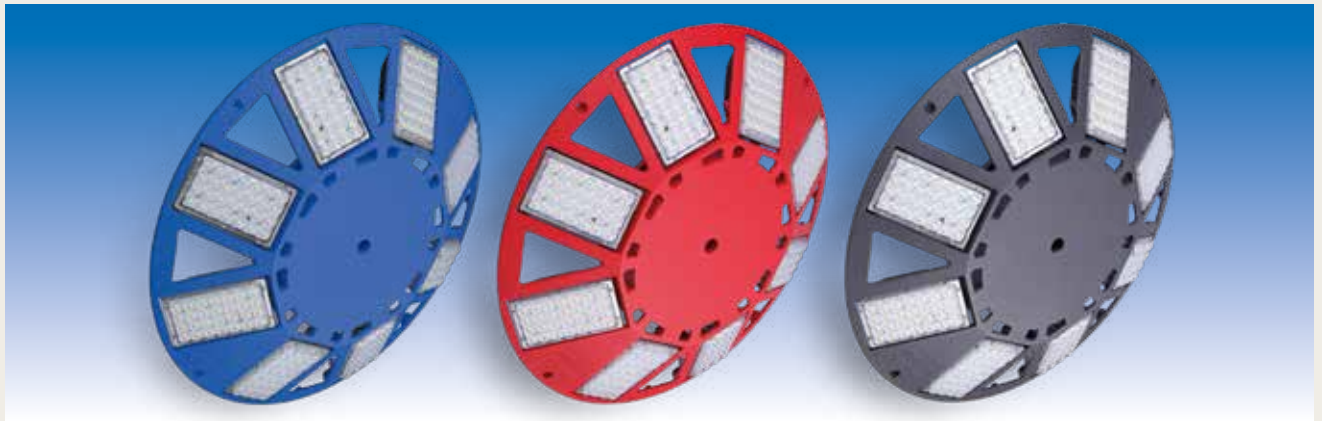
N8LED 2.0:

Voltage	BLUE RAL5002	RED RAL3024	ANTHRACITE DB703
24 V DC	N8BL2001-24DC	N8RT2001-24DC	N8GR2001-24DC
42 V AC	N8BL2001-42	N8RT2001-42	N8GR2001-42
230 V AC	N8BL2001	N8RT2001	N8GR2001

Scope of supply: 1 x N8LED 2.0, 1 x stand adapter for DIN peg assembly, 10 m feed lines with plug system and stopper
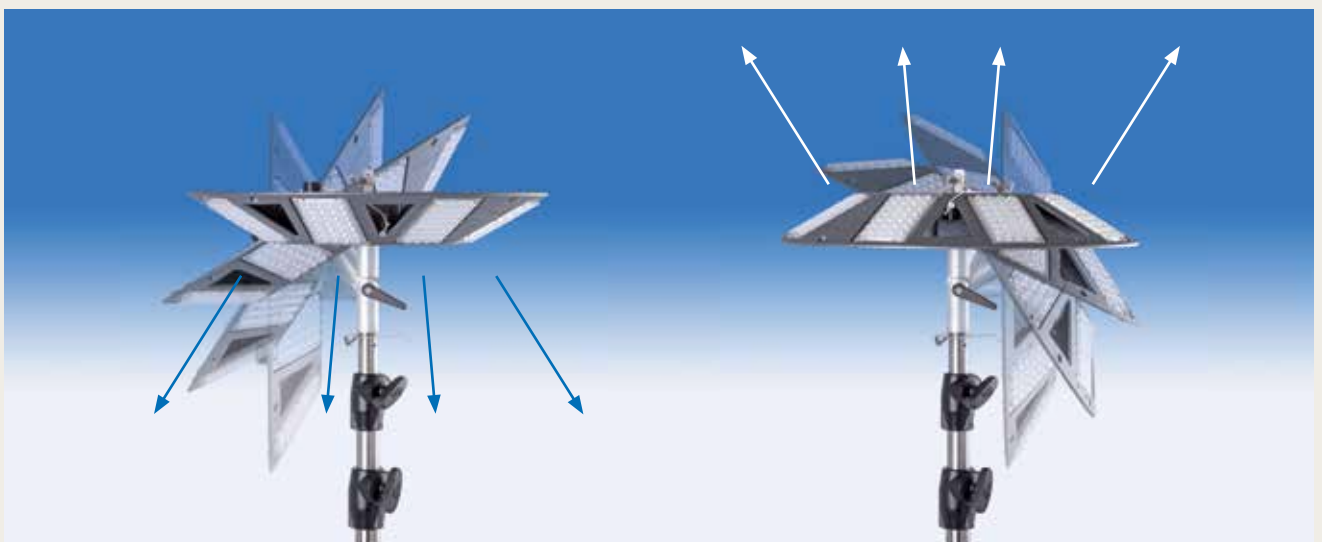
The stand adapter can be inserted from both sides, so it is possible to cast light downward or upward. With the tilt joint, the N8LED can be aligned in different positions from 0° to 90°.

Other versions on request / Subject to alterations and errors -

N8LED 2.0 DIMMABLE

- LED modules dimmable via integrated electronic pulse width modulation
- Pulse width modulation is controlled by a keyed phase (dim L)
- Each LED module is individually controlled by the electronics

CONTROL ELEMENT

- High-quality industrial push-button
- Housing made of impact-resistant plastic
- Including integrated lashing strap for attachment to stand
- Cable gland with spiral bend protection
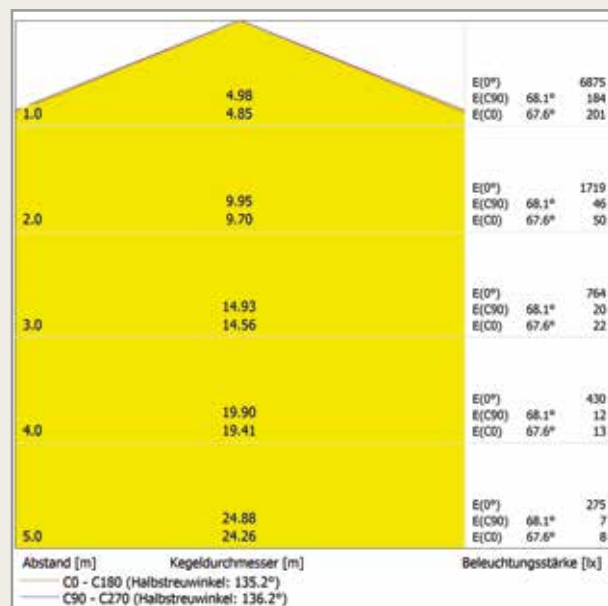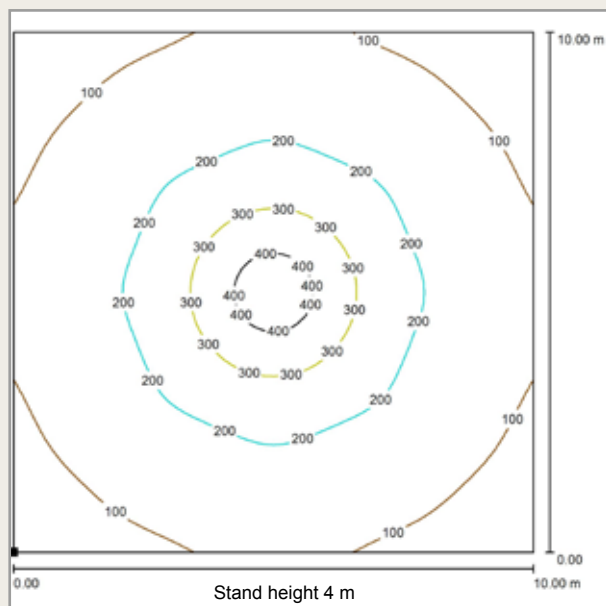- Protection class IP66

Button	Luminosity
Press button briefly	ON - N8 LED lights up with 100 %.
Press button again briefly	OFF
Press and hold button	Dimming in 20 % steps
Release the button at the desired brightness	N8LED lights in the selected step: 100% / 80% / 60% / 40% / 20%

Operating element 230 V
Operating element 24 V DC similar

N8LED 2.0 DIMMABLE:

Voltage	BLUE RAL5002	RED RAL3024	ANTHRACITE DB703
24 V DC	N8BLD2001-24DC	N8RTD2001-24DC	N8GRD2001-24DC
230 V AC	N8BLD2001	N8RTD2001	N8GRD2001

Scope of supply: 1 x N8LED 2.0 dimmable, 1 x stand adapter for DIN peg assembly,
10 m feed line with plug system, stopper, and push-button for switching on/off and dimming

Stand height 4 m

1.0	4.98 / 4.85	E(0°) 6875 / E(C90) 68.1° 184 / E(C0) 67.6° 201
2.0	9.95 / 9.70	E(0°) 1719 / E(C90) 68.1° 46 / E(C0) 67.6° 50
3.0	14.93 / 14.56	E(0°) 764 / E(C90) 68.1° 20 / E(C0) 67.6° 22
4.0	19.90 / 19.41	E(0°) 430 / E(C90) 68.1° 12 / E(C0) 67.6° 13
5.0	24.88 / 24.26	E(0°) 275 / E(C90) 68.1° 7 / E(C0) 67.6° 8

Abstand [m]   Kegeldurchmesser [m]   Beleuchtungsstärke [lx]
C0 - C180 (Halbstreuwinkel: 135.2°)
C90 - C270 (Halbstreuwinkel: 136.2°)

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www.n8led.com

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Voltage	230 V AC +/- 10%
or	42 V AC +/- 10%
or	24 V DC + 10%
Rated frequency	50 Hz
Power consumption	280 watt
Protection type	IP 65
Protection Class	II
Category DGUV informations 203-005	K2
Usage temperature range	-25°C to +40°C
Dimensions (Ø x H)	640 x 90 mm
Number of LEDs	8 x 27 LEDs
Weight	15.0 kg
Angle of emission	360 degrees
Total luminous flux	30,000 lumens
Daylight colour	5,000 Kelvin
German utility model	20 2012 009 175.1
Community design	001350060
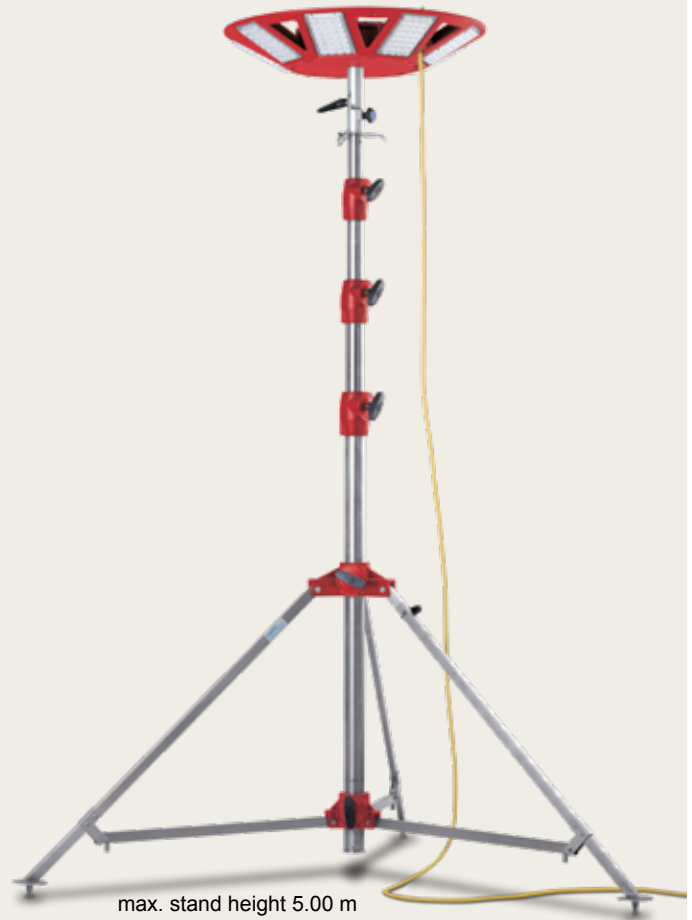
Illustration with stainless steel industrial and fire brigade stand
Type IFW: **Order no. TV7830SA,**
also available in THW model: **Order no. TW7840SA**

– Detailed information,
further stands and mounting kits from page 13.1 -

max. stand height 5.00 m

The spring cotter pin serves as an additional safety device for the stand adapter, so that the expansion flanges cannot be unlocked - for unlocking the expansion flanges, slip the ring over.

Pass the cable through the opening with the recess - Attach the angle coupling to the connector - Place the strain relief ball in the recess - DONE.

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Accessories and spare parts　　　　　　　　　　Order number

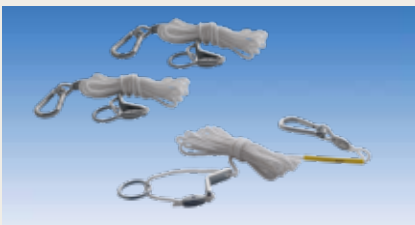|		
Carrying case with adjustable carrying strap for storing and transporting N8LED, cable, accessories and operating instructions. The cable and operating instructions are stowed on the suspended ceiling, which is fixed with three Velcro fasteners. Underneath is the compartment for the N8LED. Under the N8LED is another pocket for accessories (stand adapter, chain, etc.).	**828-501**
Aluminium frame case for storing and transporting N8LED, cable, accessories and operating instructions. Ideal for heavy-duty use.	**828-502**
LED module consisting of: 1 aluminium carrier, 1 LED board, 1 heat conduction mat, 1 PU seal, 1 lens cover, 1 mounting material	**828-350**
Stand adapter with tilt joint and expansion flanges for mounting on a DIN peg.	**828-400**
Chain set consisting of: 1 carabineer hook VA 7x70 mm 6 carabineer hooks VA 6x60 mm 4 carabineer hooks VA M8x20 　+ ring nuts VA M8, self-locking 4 pc. à 50 cm round steel chain VA	**828-600**
Fastening set consisting of each 3 x: 7.5 m polyamide-fastening rope Ø 4 mm as per DIN EN ISO 1140, color: white; 1 carabiner as per DIN 5299–C80; 1 ring, high-gloss galvanized, A 40 x 5,as per DIN 5296; 1 rope thimble as per DIN 6899; 2 wire rope clamps, oval; 1 adjustment element, galvanized, for adjusting the rope length	**AS750X3**
Ground anchoring set 3 x ground anchors: 400 mm long, hot-dip galvanized	**EA400**

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