IP54 | 3W LED | 6W LED | 10W LED | Colour

INTEGRA UNILINE BEL-R-90

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Lean and screwless safety luminaire for mounting in approved trunking light gear trays with optics for escape route illumination lengthways. The luminaire can be rotated around its own axis in 30° or 45° increments using the built-in locking mechanism. For an additional charge, the luminaire can be supplied factory-fitted in trunking light gear trays purchased and machined by us (see table below for details). The luminaire is available with 3 W, 6 W and 10 W LED-bar.
ATTENTION! The specified protection class refers to the luminaire (room side) when installed. **If installed in a gear tray with a different protection class, the lower protection class applies.**

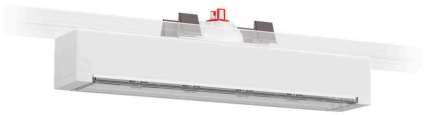


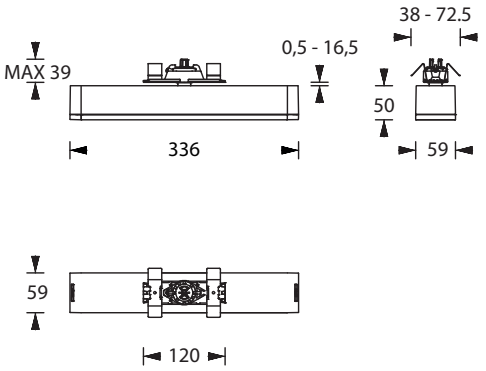
Figure shows accessory

Technical specifications

Luminaire type	**Luminaires for central battery systems**			**Self contained luminaires**
Illuminant	3 W LED-bar	6 W LED-bar	10 W LED-bar	3 W LED-bar
Colour	white			
Material	Polycarbonate (light cover clear)			
Mounting type	Trunking light mounting			
Dimensions (W x H x D)	336 x 54 x 59 mm			
Dimensions Trunking system intake (W x H x D)	min. 120 x 39 x 38 mm / max. 120 x 39 x 72.5 mm			
Protection class	IP54			
Safety class	see gear tray			
IK Safety class	IK03			
Light current (mains)	350 lm	600 lm	1050 lm	350 lm
Light current (emergency)				
Battery duration 1h	–	–	–	350 lm
Battery duration 3h	–	–	–	280 lm
Battery duration 8h	–	–	–	120 lm
Luminous flux Emergency (DC) / mains				
Battery duration 1h	–	–	–	100% / 100%
Battery duration 3h	–	–	–	80% / 100%
Battery duration 8h	–	–	–	35% / 100%
Power consumption	6 VA	10.3 VA	15 VA	6 VA
Battery current input	19 mA	27 mA	41 mA	–
Battery duration Battery operation		–		1h / 3h / 8h
Voltage supply	230V 50/60Hz; 220V DC +25/-20%			230V 50/60Hz
NiMH-battery				
Battery duration 1h	–	–	–	4,8V 2,0Ah
Battery duration 3h	–	–	–	4,8V 2,0Ah
Battery duration 8h	–	–	–	4,8V 2,0Ah
Temperature range		-10°C to +40°C		–
Non-maintained mode		–		0°C to +35°C
Maintained mode		–		-5°C to +30°C
optional				
Multi-switch and monitoring module		DALI ELC MSÜ3 SET009 SET010 SET010/025		–
Self monitoring		–		SELF CHECK
Central monitoring		–		SAFELOG Line
Wireless monitoring		–		SAFELOG Wireless

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Trunking light mounting



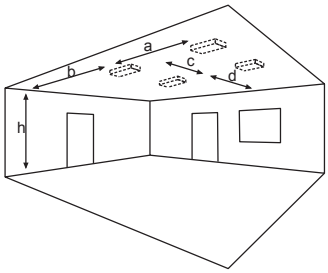
Use for trunking light systems

The product is currently tested and approved for use in the following trunking light systems:

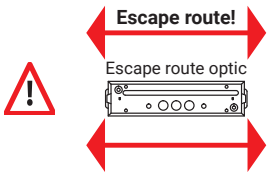
Manufacturer	Type	Minimum length	Manufacturer Art. No.	Quantity of poles	Remarks
TRILUX	E-LINE NEXT	737 mm	(8337500)	5	compatible and available ex works
SITECO	LICROSS	500 mm	(56TL1M 0-B)	6	compatible and available ex works
SITECO	MODARIO	897 mm	(5TR305SENDB)	8	compatible and available ex works
RIDI	LINIA	489 mm	(1500153)	11	compatible and available ex works
REGENT	TRAQ	590 mm	(1021.7449)	7	compatible and available ex works

The specified trunking light gear trays have the required minimum length. Longer gear trays are possible if the current collector is positioned accordingly. The product can also be ordered fully assembled and tested (delivery time approx. 4 weeks), please refer to the picture price list for the additional costs.

Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

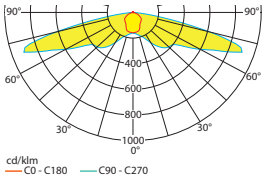


Mounting direction

Luminaires for central battery systems **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



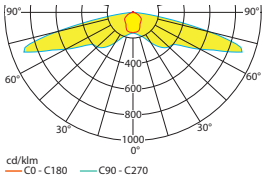
Luminous flux emergency / mains: 350lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.90	20.90	22.70	23.90	24.50	24.30	23.20	22.40	21.20	20.00	18.00	12.50	8.50	7.50
b	8.10	8.60	8.60	8.10	7.70	6.80	6.40	6.30	5.90	5.50	5.00	4.50	3.50	2.50
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Luminaires for central battery systems **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



Luminous flux emergency / mains: 600lm

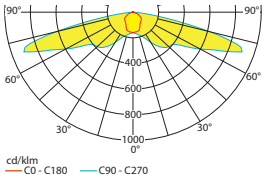
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
a	21.10	23.50	25.70	27.70	29.40	30.80	31.70	32.10	31.90	30.80	29.90	29.10	27.80
b	9.20	10.10	10.90	11.30	11.30	10.80	10.40	9.90	8.90	8.50	8.30	8.10	7.80
c	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–

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Luminaires for central battery systems **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 10W LED-bar



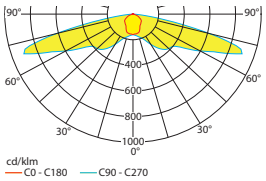
Luminous flux emergency / mains: 1050lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50
a	23.40	26.20	28.80	31.30	33.50	35.50	37.30	39.10	40.50	41.50	42.40	42.50	42.30	41.40	40.20	39.50	38.70	37.50	35.90
b	10.30	11.50	12.50	13.40	14.20	14.70	15.10	14.90	14.50	14.00	13.60	12.90	11.90	11.40	11.20	11.00	10.80	10.50	9.90
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



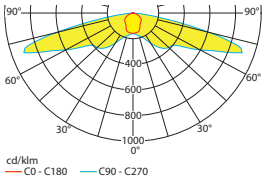
Luminous flux emergency / mains: 350lm/350lm – **Battery duration: 1h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.90	20.90	22.70	23.90	24.50	24.30	23.20	22.40	21.20	20.00	18.00	12.50	8.50	7.50
b	8.10	8.60	8.60	8.10	7.70	6.80	6.40	6.30	5.90	5.50	5.00	4.50	3.50	2.50
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



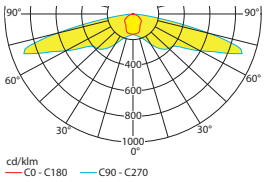
Luminous flux emergency / mains: 280lm/350lm – **Battery duration: 3h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
a	18.00	19.80	21.20	21.90	21.70	20.60	19.80	18.50	16.00
b	7.50	7.80	7.30	6.90	6.00	5.70	5.50	5.40	5.00
c	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



Luminous flux emergency / mains: 120lm/350lm – **Battery duration: 8h**

h	2.50	3.00	3.50	4.00	4.50
a	14.30	14.10	13.10	11.00	9.00
b	4.60	3.90	3.70	3.50	2.50
c	–	–	–	–	–
d	–	–	–	–	–

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