

Safety Luminaire

GuideLed SL III CGLine+ Surface mounting



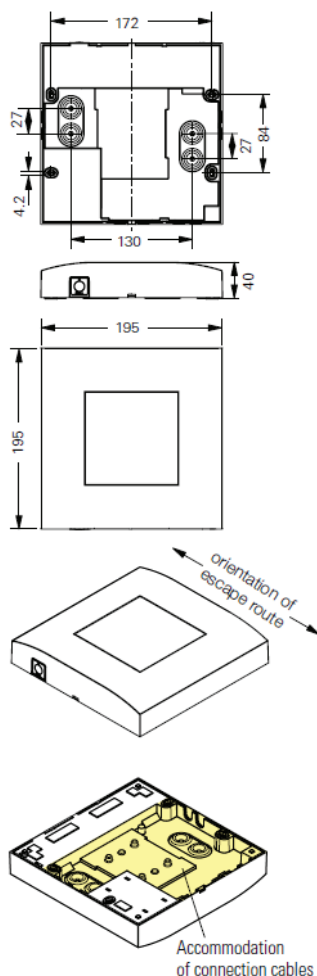
GuideLed SL CGLine+

- Self-contained safety luminaire for surface mounting with automatic test for reduced inspection effort
- For autonomous installation or connection to the CGLine+ monitoring system
- The selectable operating time (1/2/3/8 h) reduces the effort for product selection and procurement
- Selectable operation mode (Maintained or Non-Maintained) via switched phase input (L')
- Generously dimensioned die-cast elements for optimum thermal management, enabling carefree operation at 100% in continuous mode, for example as a stand-by luminaire during the night hours.
- Special LED optics ensure especially efficient escape route illumination or uniform anti-panic illumination for mounting heights between 2.5 and 8 m
- Spacing up to 29 m from luminaire to luminaire with optics for escape route illumination (for 1 lx)
- Spacing up to 13.5 m from luminaire to luminaire with optics for antipanic illumination (for 1 lx)
- Minimum service requirement due to high service life of the LEDs (up to 100.000 hours)
- Low eco footprint thanks to low energy consumption and Lithium battery technology
- Simple fault analysis and status display via bicolor LED, test button and supervision solutions
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ Web-controller)

GuideLed SL 13822.2 CGLine+



Dimensions (mm)



Luminous flux Φ_e/Φ_N at end of rated operating time	100% @ 1h, 80% @ 2h, 55% @ 3h, 23% @ 8h
Light source	1 x 2 W LED, 4000 K, CRI ≥ 70 , Lifespan 100 000h
Illumination in mains mode	10% or 100% setting via switch, and possible additional levels adjustable via test button (30%, 70%, 100%)
Operation	Maintained / Non-Maintained (via switched input L')
Testing system	Automatic Test in compliance with EN 62034 Central monitoring via CGLine+ system
Connection voltage	230 V AC, 50/60 Hz
Terminals	Through-wiring from mains (L, L', N, PE) with up to 2.5 mm ² CGLine+ bus through-wiring with up to 1.5 mm ²
Housing	
Type of mounting	Surface-mounting
Material	Polycarbonate, aluminium heatsink
Colour	White RAL9016
Battery	LiFePO ₄ 3.2 V / 3 Ah (Spare part: FT-BATLL3)
Permissible ambient temperature	5°C to 45°C (NM), 5°C to 35°C (M)

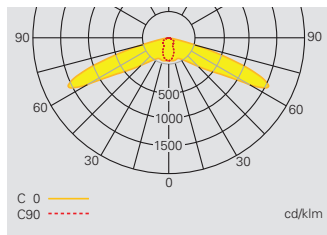
Ordering details

						Consumption		Weight (kg)
Order code	Optics	1h	2h	3h	8h	Im in mains		
40071356553	GuideLed SL 13812.2 CGL+ asymmetric	290	232	160	67	29/290	0.4W/1.1VA	0.88
40071356552	GuideLed SL 13822.2 CGL+ symmetric	305	244	168	70	31/305	0.4W/1.1VA	0.88
40071356554	GuideLed SL 13852.2 CGL+ 5 lx	310	248	171	71	31/310	0.4W/1.1VA	0.88

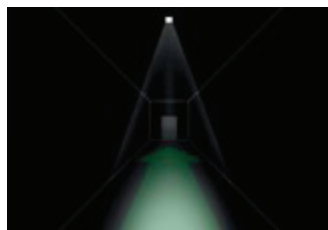
NM – Non-Maintained mode, M – Maintained mode

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GuideLed SL III CGLine+ Surface mounting



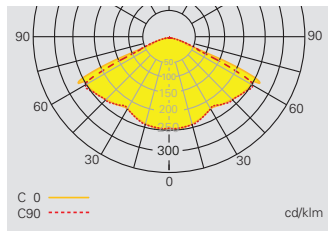
Light distribution curve



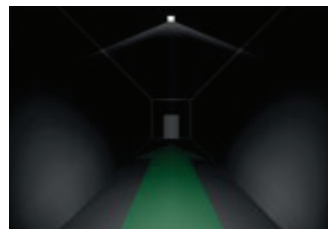
Escape route illumination with asymmetric optics

Planning assistance for GuideLed SL 13812.2 CGLine+ with asymmetric optics for $E_{min} = 1.0 \text{ lx}$ (0.5 lx)
Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]	Lux level directly under				
1 h	2.5 Ceiling mounting	11.0	2,8 (4,2)	8,2 (9,6)	7,6 (8,7)	17,4 (19,5)
	3 Illumination on	7.6	2,7 (4,2)	8,3 (10,8)	8,6 (9,8)	19,5 (22,0)
	3.5 center line	5.6	2,6 (3,9)	7,9 (11,6)	9,3 (10,8)	21,5 (24,4)
	4	4.3	2,4 (3,9)	7,9 (11,8)	10,0 (11,7)	23,4 (26,6)
	4.5	3.4	2,4 (3,8)	7,7 (11,4)	10,5 (12,5)	25,1 (28,7)
	5	2.7	2,4 (3,6)	7,3 (11,2)	10,9 (13,3)	26,6 (30,7)
	5.5	2.3	2,4 (3,5)	7,0 (11,1)	10,8 (13,9)	27,9 (32,5)
	6	1.9	2,4 (3,4)	6,8 (11,0)	7,7 (14,6)	29,1 (34,3)
	6.5	1.6	2,2 (3,3)	6,7 (10,8)	5,1 (15,0)	28,1 (36,0)
	7	1.4	2,0 (3,4)	6,9 (10,4)	3,5 (15,3)	26,6 (37,4)
	7.5	1.2	1,6 (3,5)	6,9 (10,0)	2,9 (15,4)	25,2 (38,8)
	8	1.1	0,9 (3,4)	6,8 (9,7)	2,0 (13,1)	24,2 (40,0)
3 h	2.5	6.1	2,0 (2,9)	5,9 (8,5)	6,8 (7,8)	15,6 (17,7)
	3	4.2	1,8 (2,9)	5,8 (8,8)	7,4 (8,7)	17,5 (19,9)
	3.5	3.1	1,8 (2,8)	5,6 (8,3)	7,9 (9,6)	19,1 (21,9)
	4	2.4	1,8 (2,6)	5,2 (8,3)	8,1 (10,2)	20,5 (23,8)
	4.5	1.9	1,7 (2,5)	5,0 (8,2)	5,6 (10,9)	21,7 (25,6)
	5	1.5	1,6 (2,5)	5,1 (7,9)	3,2 (11,3)	20,5 (27,2)
	5.5	1.2	1,2 (2,6)	5,1 (7,5)	2,2 (11,5)	18,9 (28,6)
	6	1.0	0,6 (2,5)	5,0 (7,2)	1,3 (9,2)	17,9 (29,9)
8 h	2.5	2.6	1,2 (1,7)	3,5 (5,4)	5,3 (6,5)	13,0 (15,1)
	3	1.8	1,1 (1,6)	3,2 (5,3)	3,2 (7,1)	13,8 (16,9)
	3.5	1.3	0,9 (1,7)	3,3 (4,9)	1,5 (7,5)	12,4 (18,3)



Light distribution curve



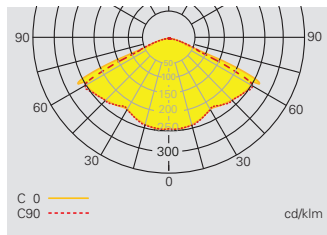
Escape route illumination with symmetric optics

Planning assistance for GuideLed SL 13822.2 CGLine+ with symmetric optics for $E_{min} = 1.0 \text{ lx}$ (0.5 lx)
Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]	Lux level directly under				
1 h	2.5 Ceiling mounting	9.8	4,4 (5,0)	10,0 (11,0)	4,8 (5,4)	10,8 (11,6)
	3 Illumination on	6.8	4,8 (5,7)	11,3 (12,5)	4,8 (6,1)	12,1 (13,5)
	3.5 center line	5.0	4,8 (6,2)	12,5 (14,0)	4,8 (6,7)	13,1 (15,2)
	4	3.8	4,7 (6,7)	13,3 (15,4)	4,7 (6,7)	13,4 (16,7)
	4.5	3.0	4,5 (6,8)	13,7 (16,7)	4,5 (6,8)	13,5 (17,7)
	5	2.4	4,3 (6,8)	13,6 (17,8)	4,2 (6,7)	13,5 (18,6)
	5.5	2.0	3,8 (6,7)	13,3 (18,6)	3,8 (6,7)	13,3 (18,8)
	6	1.7	3,3 (6,5)	13,0 (19,1)	3,3 (6,5)	13,0 (19,1)
	6.5	1.4	2,9 (6,3)	12,6 (19,3)	2,9 (6,3)	12,6 (19,1)
	7	1.2	2,4 (6,1)	12,1 (19,2)	2,4 (6,0)	12,0 (19,1)
	7.5	1.1	1,6 (5,7)	11,3 (19,0)	1,5 (5,7)	11,3 (18,9)
	8	1.0	1,4 (5,6)	10,8 (18,8)	1,3 (5,6)	10,8 (18,8)
3 h	2.5	5.4	3,6 (4,5)	9,1 (10,1)	3,5 (4,9)	9,5 (10,9)
	3	3.7	3,5 (5,0)	9,9 (11,5)	3,5 (5,0)	9,9 (12,5)
	3.5	2.7	3,3 (5,1)	10,1 (12,7)	3,3 (5,0)	10,0 (13,4)
	4	2.1	2,9 (5,0)	9,9 (13,7)	2,9 (4,9)	9,9 (14,0)
	4.5	1.7	2,4 (4,8)	9,6 (14,2)	2,4 (4,8)	9,6 (14,2)
	5	1.3	2,0 (4,6)	9,2 (14,3)	2,0 (4,6)	9,2 (14,2)
	5.5	1.1	1,4 (4,3)	8,6 (14,1)	1,3 (4,3)	8,5 (14,1)
	6	1.0	1,3 (4,3)	8,5 (14,1)	1,2 (4,3)	8,4 (14,1)
8 h	2.5	2.2	2,0 (3,2)	6,5 (8,7)	2,0 (3,2)	6,4 (9,1)
	3	1.6	1,5 (3,1)	6,2 (9,3)	1,5 (3,1)	6,2 (9,2)
	3.5	1.1	1,0 (2,8)	5,6 (9,1)	0,9 (2,8)	5,6 (9,1)

Safety Luminaire

GuideLed SL III CGLine+ Surface mounting



Light distribution curve

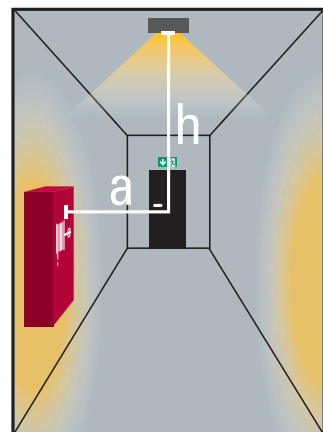


Room illumination with symmetric optics

Planning assistance for GuideLed SL 13822.2 CGLine+ with symmetric optics for $E_{\min} = 1.0 \text{ lx}$ (0.5 lx)

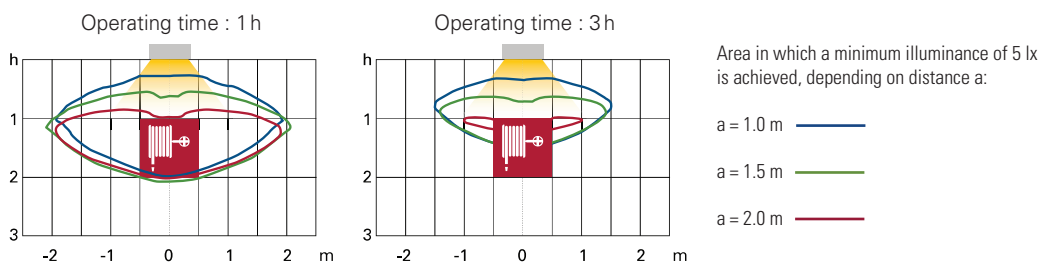
Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]					
1 h	2.5	Ceiling mounting	4,0 (4,9)	10,0 (10,8)	4,0 (4,9)	9,9 (10,6)
	3	Illumination of the entire area	4,0 (5,3)	11,3 (12,4)	4,0 (5,3)	11,2 (12,4)
	3.5	(calculation with 4 luminaires	4,0 (5,5)	12,0 (14,0)	4,0 (5,5)	12,0 (14,0)
	4	in a rectangular arrangement)	3,9 (5,5)	12,2 (15,4)	3,9 (5,5)	12,1 (15,3)
	4.5		3,7 (5,5)	12,4 (16,3)	3,7 (5,5)	12,3 (16,3)
	5		3,4 (5,4)	12,5 (17,1)	3,4 (5,4)	12,5 (17,0)
	5.5		3,1 (5,3)	12,6 (17,2)	3,0 (5,3)	12,6 (17,1)
	6		3,0 (5,1)	12,5 (17,4)	3,0 (5,1)	12,3 (17,3)
	6.5		2,9 (4,9)	12,6 (17,5)	2,9 (4,9)	12,3 (17,5)
	7		2,8 (4,6)	12,8 (17,6)	2,8 (4,6)	12,4 (17,6)
3 h	7.5		2,7 (4,3)	12,7 (17,7)	2,7 (4,3)	12,5 (17,7)
	2.5		3,1 (4,2)	8,8 (10,1)	3,1 (4,2)	8,7 (10,0)
	3		3,0 (4,2)	9,1 (11,5)	3,0 (4,2)	9,0 (11,4)
	3.5		2,8 (4,2)	9,2 (12,3)	2,8 (4,2)	9,1 (12,3)
	4		2,5 (4,1)	9,3 (12,7)	2,5 (4,1)	9,2 (12,6)
	4.5		2,3 (3,9)	9,3 (12,9)	2,3 (3,9)	9,2 (12,9)
	5		2,2 (3,7)	9,5 (13,0)	2,2 (3,7)	9,2 (13,0)
8 h	5.5		2,1 (3,4)	9,6 (13,1)	2,1 (3,4)	9,3 (13,1)
	2.5		1,8 (2,8)	6,1 (8,2)	1,8 (2,8)	5,9 (8,1)
	3		1,6 (2,7)	6,1 (8,4)	1,6 (2,7)	6,0 (8,2)
	3.5		1,6 (2,4)	6,0 (8,5)	1,6 (2,4)	5,9 (8,4)



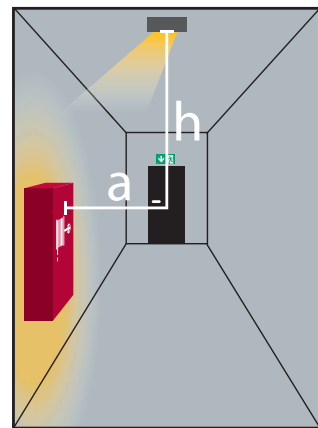
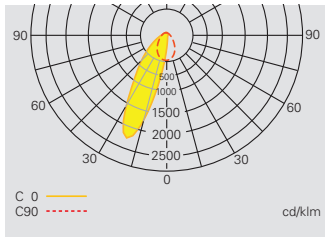
Planning assistance for GuideLed SL 13822.2 CGLine+ with symmetric optics for $E_{\min} = 5 \text{ lx}$ vertically

Maintenance factor MF = 80 %, battery operation

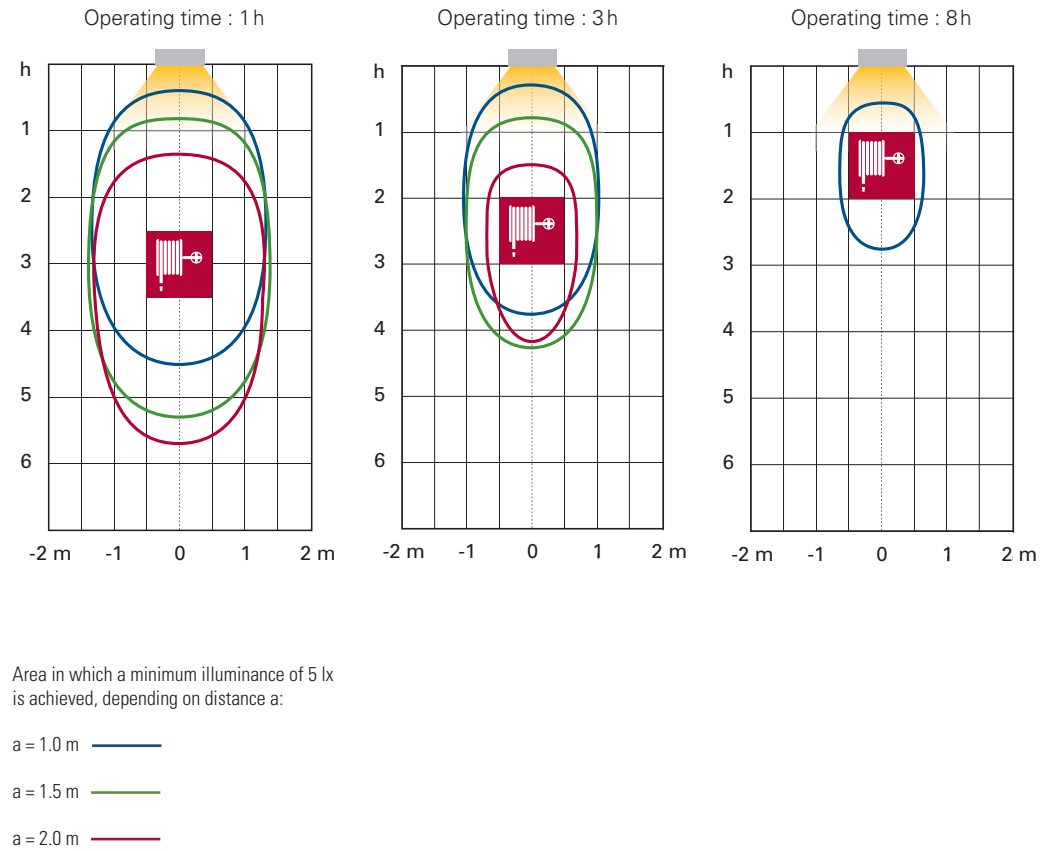


Safety Luminaire

GuideLed SL III CGLine+ Surface mounting



Planning assistance for GuideLed SL 13852.2 CGLine+ with asymmetric optics for $E_{\min} = 5 \text{ lx}$ vertically
Maintenance factor $MF = 80 \%$, battery operation



Safety Luminaire

GuideLed SL III CGLine+ Recessed mounting



* Once installed in the ceiling, the luminaire face is rated IP41 / module enclosure: IP 20

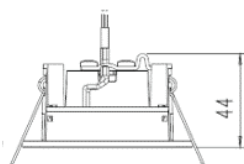
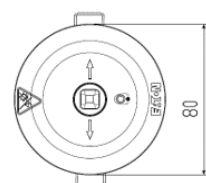
GuideLed SL 13811.2 CGLine+



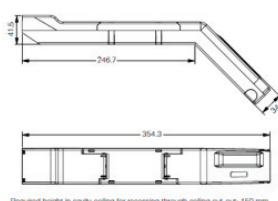
GuideLed SL 13851.2 CGLine+ with square bezel



Dimensions (mm)



Ceiling cut out Ø 64-68 mm



GuideLed SL CGLine+

- Self-contained safety luminaire for recessed mounting with automatic test for reduced inspection effort
- For autonomous installation or connection to the CGLine+ monitoring system
- The selectable operating time (1/2/3/8 h) reduces the effort for product selection and procurement
- Selectable operation mode (Maintained or Non-Maintained) via switched phase input (L')
- Generously dimensioned die-cast elements for optimum thermal management, enabling carefree operation at 100% in continuous mode, for example as a stand-by luminaire during the night hours.
- Special LED optics ensure especially efficient escape route illumination or uniform anti-panic illumination for mounting heights between 2.5 and 8 m
- Spacing up to 32 m from luminaire to luminaire with optics for escape route illumination (for 1 lx)
- Spacing up to 13.7 m from luminaire to luminaire with optics for antipanic illumination (for 1 lx)
- Minimum service requirement due to high service life of the LEDs (up to 100.000 hours)
- Low eco footprint thanks to low energy consumption and Lithium battery technology
- Simple fault analysis and status display via bicolor LED, test button and supervision solutions
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ Web-controller)

Luminous flux Φ_e/Φ_N at end of rated operating time	100% @ 1h, 80% @ 2h, 55% @ 3h, 23% @ 8h
Light source	1 x 2 W LED, 4000 K, CRI ≥ 70 , Lifespan 100 000h
Illumination in mains mode	10% or 100% setting via switch, and possible additional levels adjustable via test button (30%, 70%, 100%)
Operation	Maintained / Non-Maintained (via switched input L')
Testing system	Automatic Test in compliance with EN 62034 Central monitoring via CGLine+ system
Connection voltage	230 V AC, 50/60 Hz
Terminals	Through-wiring from mains (L, L', N, PE) with up to 2.5 mm ² CGLine+ bus through-wiring with up to 1.5 mm ²
Housing	
Type of mounting	Recessed mounting
Material	Polycarbonate, aluminium heatsink
Colour	White RAL9016
Battery	LiFePO4 3.2 V / 3 Ah (Spare part: FT-BATLL3)
Permissible ambient temperature	5°C to 45°C (NM), 5°C to 35°C (M)

Ordering details

		Optics	Consumption								Weight (kg)
Order code			1h	2h	3h	8h	lm in mains	NM W/VA	M W/VA		
40071356556	GuideLed SL 13811.2 CGL+	asymmetric	300	240	165	69	30/300	0.4W/1.1VA	4.1W/8.8VA		0.58
40071356555	GuideLed SL 13821.2 CGL+	symmetric	320	256	176	74	32/320	0.4W/1.1VA	4.1W/8.8VA		0.58
40071356557	GuideLed SL 13851.2 CGL+	5 lx	320	256	176	74	32/320	0.4W/1.1VA	4.1W/8.8VA		0.58

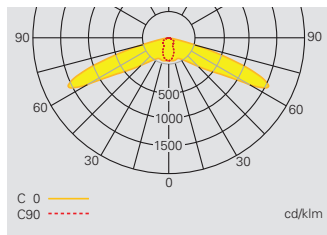
NM – Non-Maintained mode, M – Maintained mode

Accessories

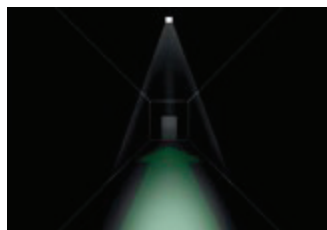
40071354488 Square bezel for GuideLed SL (100 x 100 mm)

Safety Luminaire

GuideLed SL III CGLine+ Recessed mounting



Light distribution curve

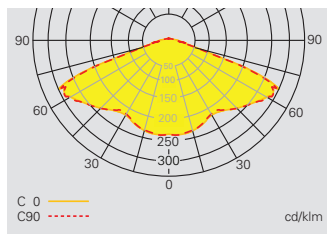


Escape route illumination with asymmetric optics

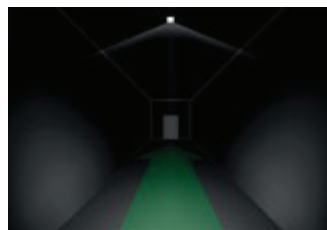
Planning assistance for GuideLed SL 13811.2 CGLine+ with asymmetric optics for $E_{min} = 1.0 \text{ lx}$ (0.5 lx)

Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]	Lux level directly under				
1 h	2.5 Ceiling mounting	9.5	2,3 (4,3)	8,6 (11,7)	8,7 (9,9)	19,8 (22,1)
	3 Illumination on	6.6	2,1 (3,7)	7,5 (12,1)	9,7 (11,2)	22,4 (25,1)
	3.5 center line	4.8	2,0 (3,3)	6,7 (12,2)	10,5 (12,3)	24,6 (27,9)
	4	3.7	2,0 (3,0)	6,1 (11,4)	11,1 (13,3)	26,6 (30,5)
	4.5	2.9	2,1 (2,8)	5,7 (9,9)	11,5 (14,2)	28,4 (32,8)
	5	2.4	2,1 (2,8)	5,6 (9,4)	11,7 (14,9)	29,8 (35,0)
	5.5	1.9	2,1 (2,8)	5,7 (8,9)	11,7 (15,5)	31,1 (37,0)
	6	1.6	2,0 (2,9)	5,8 (8,3)	4,8 (16,0)	32,1 (39,0)
	6.5	1.4	1,7 (3,0)	6,0 (8,0)	3,1 (16,4)	27,7 (40,7)
	7	1.2	1,2 (3,0)	6,0 (7,9)	2,5 (16,6)	25,8 (42,0)
3 h	7.5	1.0	0,4 (3,0)	5,9 (8,0)	1,3 (16,6)	24,5 (43,3)
	2.5	5.7	1,5 (2,7)	5,4 (9,5)	7,8 (9,0)	18,1 (20,4)
	3	4.0	1,5 (2,4)	4,9 (9,0)	8,5 (10,1)	20,2 (23,1)
	3.5	2.9	1,6 (2,2)	4,4 (7,6)	8,9 (11,0)	22,1 (25,5)
	4	2.2	1,6 (2,2)	4,4 (7,1)	9,1 (11,7)	23,4 (27,6)
	4.5	1.7	1,6 (2,2)	4,5 (6,6)	6,3 (12,3)	24,6 (29,6)
	5	1.4	1,3 (2,3)	4,6 (6,2)	2,5 (12,6)	21,7 (31,4)
8 h	5.5	1.2	0,9 (2,3)	4,7 (6,1)	1,8 (12,9)	19,7 (32,7)
	2.5	2.2	1,0 (1,3)	2,7 (4,4)	5,6 (7,3)	14,5 (17,2)
	3	1.5	0,9 (1,4)	2,8 (3,9)	1,7 (7,8)	14,4 (19,1)
	3.5	1.1	0,4 (1,4)	2,9 (3,8)	0,9 (8,0)	12,0 (20,5)



Light distribution curve



Escape route illumination with symmetric optics

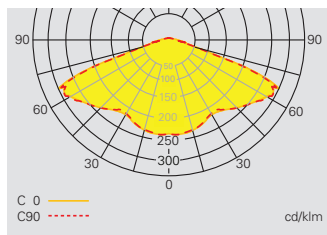
Planning assistance for GuideLed SL 13821.2 CGLine+ with symmetric optics for $E_{min} = 1.0 \text{ lx}$ (0.5 lx)

Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]	Lux level directly under				
1 h	2.5 Ceiling mounting	8.9	4,7 (5,6)	11,2 (12,3)	4,7 (5,6)	11,3 (12,4)
	3 Illumination on	6.2	4,8 (6,3)	12,5 (14,1)	4,8 (6,3)	12,5 (14,2)
	3.5 center line	4.5	4,8 (6,6)	13,2 (15,8)	4,8 (6,6)	13,3 (15,8)
	4	3.5	4,6 (6,8)	13,7 (17,1)	4,6 (6,8)	13,7 (17,2)
	4.5	2.7	4,4 (6,9)	13,8 (18,1)	4,4 (6,8)	13,7 (18,3)
	5	2.2	4,0 (6,8)	13,6 (18,7)	4,0 (6,8)	13,5 (18,8)
	5.5	1.8	3,4 (6,6)	13,2 (19,3)	3,5 (6,6)	13,2 (19,3)
	6	1.5	2,9 (6,4)	12,8 (19,4)	3,0 (6,4)	12,8 (19,4)
	6.5	1.3	2,5 (6,1)	12,2 (19,4)	2,5 (6,1)	12,2 (19,3)
	7	1.1	1,8 (5,7)	11,4 (19,3)	1,8 (5,7)	11,4 (19,1)
3 h	2.5	5.4	3,7 (5,0)	10,0 (11,5)	3,7 (5,0)	10,0 (11,6)
	3	3.7	3,6 (5,3)	10,5 (13,0)	3,6 (5,3)	10,6 (13,1)
	3.5	2.7	3,4 (5,3)	10,7 (14,1)	3,4 (5,3)	10,6 (14,2)
	4	2.1	2,9 (5,2)	10,5 (14,7)	3,0 (5,2)	10,4 (14,7)
	4.5	1.6	2,4 (5,0)	10,1 (15,1)	2,4 (5,0)	10,0 (15,0)
	5	1.3	1,9 (4,7)	9,5 (15,1)	2,0 (4,7)	9,5 (15,0)
	5.5	1.1	1,3 (4,3)	8,7 (14,9)	1,3 (4,3)	8,7 (14,8)
8 h	2.5	2.1	1,8 (3,2)	6,5 (9,1)	1,8 (3,2)	6,4 (9,1)
	3	1.4	1,3 (3,0)	6,0 (9,3)	1,3 (3,0)	6,0 (9,3)
	3.5	1.0	0,6 (2,6)	5,2 (9,2)	0,6 (2,6)	5,2 (9,1)

Safety Luminaire

GuideLed SL III CGLine+ Recessed mounting



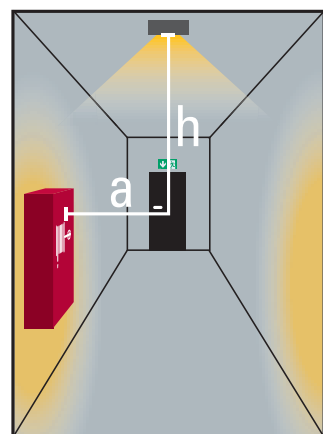
Light distribution curve



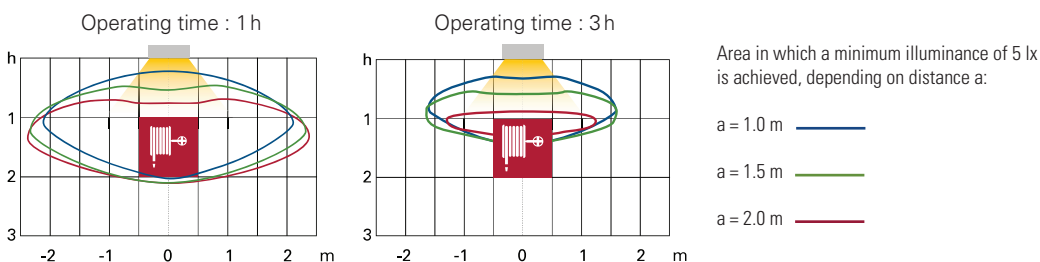
Room illumination
with symmetric optics

Planning assistance for GuideLed SL 13821.2 CGLine+ with symmetric optics for $E_{\min} = 1.0 \text{ lx}$ (0.5 lx)
Measuring height 0.02 m, maintenance factor MF = 80 %, battery operation

Operating time	Mounting height [m]					
1 h	2.5	Ceiling mounting	4,3 (5,3)	10,9 (11,9)	4,3 (5,3)	10,8 (11,8)
	3	Illumination of the entire area	4,3 (5,6)	11,9 (13,7)	4,3 (5,6)	11,9 (13,6)
	3.5	(calculation with 4 luminaires	4,1 (5,9)	12,8 (15,2)	4,1 (5,9)	12,8 (15,2)
	4	in a rectangular arrangement)	3,9 (6,0)	13,3 (16,3)	3,9 (6,0)	13,2 (16,3)
	4.5		3,6 (5,8)	13,3 (17,4)	3,6 (5,8)	13,1 (17,4)
	5		3,1 (5,6)	13,3 (18,1)	3,1 (5,6)	13,1 (18,1)
	5.5		2,9 (5,4)	13,2 (18,7)	2,9 (5,4)	12,9 (18,6)
	6		2,8 (5,1)	12,9 (18,7)	2,8 (5,1)	12,7 (18,6)
	6.5		2,7 (4,7)	12,8 (18,8)	2,7 (4,7)	12,7 (18,5)
	7		2,7 (4,3)	12,7 (18,6)	2,7 (4,3)	12,5 (18,4)
3 h	2.5		3,4 (4,6)	9,6 (11,2)	3,4 (4,6)	9,5 (11,1)
	3		3,2 (4,7)	10,3 (12,4)	3,2 (4,7)	10,2 (12,4)
	3.5		2,9 (4,6)	10,3 (13,5)	2,9 (4,6)	10,1 (13,5)
	4		2,4 (4,4)	10,4 (14,2)	2,4 (4,4)	10,1 (14,1)
	4.5		2,3 (4,2)	10,2 (14,5)	2,3 (4,2)	9,8 (14,4)
	5		2,2 (3,8)	10,0 (14,5)	2,2 (3,8)	9,8 (14,3)
	5.5		2,2 (3,3)	9,8 (14,6)	2,2 (3,3)	9,7 (14,3)
8 h	2.5		1,7 (2,9)	6,4 (8,8)	1,7 (2,9)	6,2 (8,7)
	3		1,6 (2,6)	6,1 (9,0)	1,6 (2,6)	6,0 (8,9)
	3.5		1,5 (2,2)	6,1 (9,0)	1,5 (2,2)	6,0 (8,8)

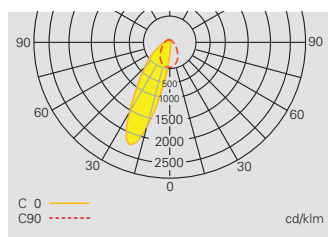


Planning assistance for GuideLed SL 13821.2 CGLine+ with symmetric optics for $E_{\min} = 5 \text{ lx}$ vertically
Maintenance factor MF = 80 %, battery operation

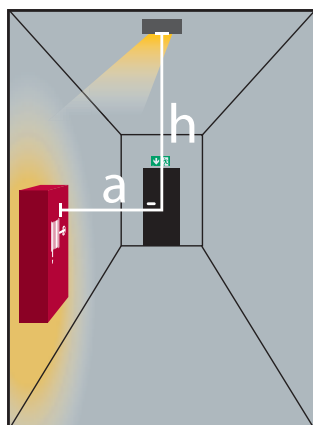


Safety Luminaire

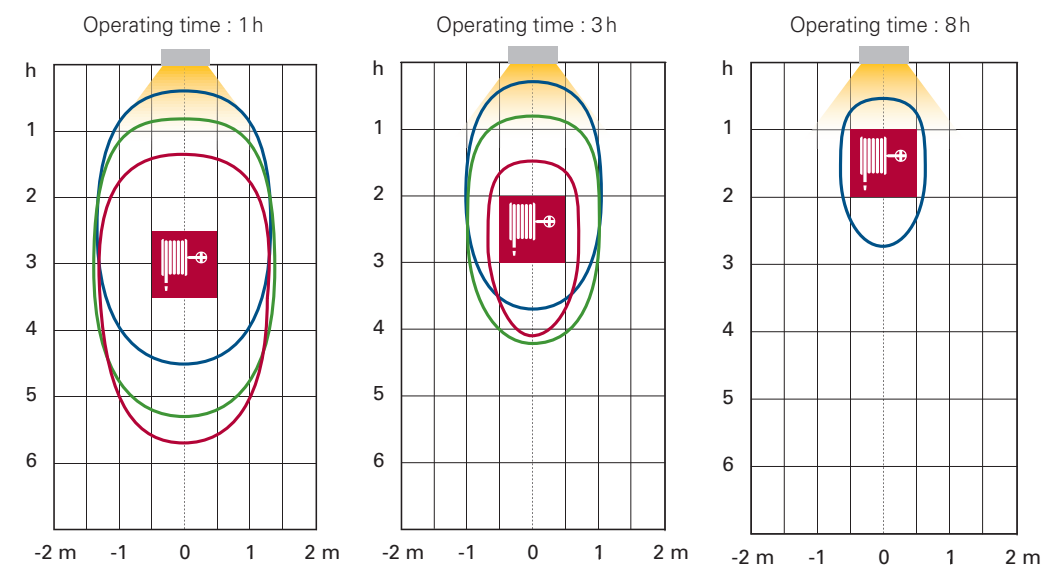
GuideLed SL III CGLine+ Recessed mounting



Light distribution curve



Planning assistance for GuideLed SL 13851.2 CGLine+ with asymmetric optics for $E_{\min} = 5 \text{ lx}$ vertically
Maintenance factor MF = 80 %, battery operation



Area in which a minimum illuminance of 5 lx is achieved, depending on distance a:

- a = 1.0 m ————
- a = 1.5 m ————
- a = 2.0 m ————