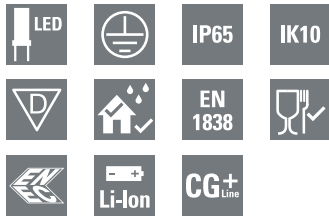


# Atlantic LED / Outdoor Wall CGLine+

Safety luminaire, wall or ceiling mounting



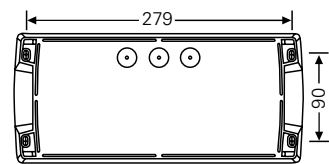
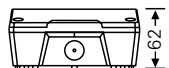
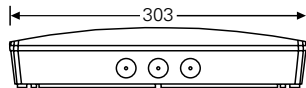
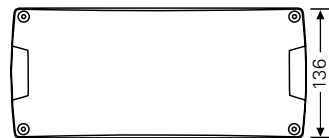
## Atlantic LED / Outdoor Wall CGLine+

- LED self-contained luminaire with high protection class (IP65) for indoor and outdoor use
- With automatic test for reduced inspection effort
- Universal use for maintained and non-maintained operation and for 1 h, 3 h or 8 h operation
- For autonomous installation or connection to the CGLine+ monitoring system
- Robust construction from aluminium diecast and high impact resistant cover made of polycarbonate
- Acc. IFS and HACCP suitable for use in food processing industry (Atlantic LED R and Atlantic LED O)
- Suitable for operational areas with fire hazard (D mark)
- Environmentally-friendly due to modern lithium ion technology
- Optional with self-regulating battery heater for use at low temperature up to -20°C
- Low operating costs via low connected load
- Minimum maintenance effort via use of LEDs with high service life (up to 50,000 hours)
- Available with special optics for escape route illumination or wide area illumination
- High spacing by double optics technology and highly efficient HighPower LEDs
- Simple fault analysis and status display via bicolor LED and testing button
- 1 minute switch-back delay after mains return
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ WEB-Controller)

Atlantic LED R CGLine+



Atlantic LED O CGLine+

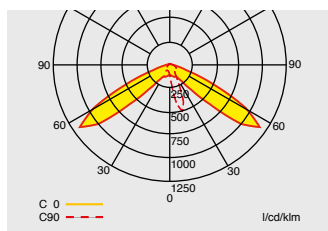
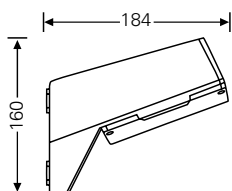
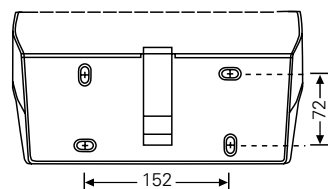
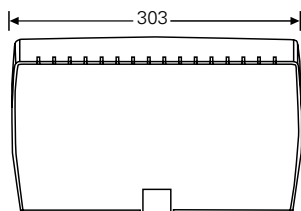


Luminous flux	Asymmetric optics	225 lm
	Symmetric optics	220 lm
Luminous flux $\Phi_E/\Phi_N$ at end of rated operating time	100 % at 1h; 65% at 3 h; 25% at 8 h	
Housing material	Polycarbonate, Aluminium	
Housing colour	grey	
Weight	Atlantic LED	1.54 kg
	Outdoor Wall	3.00 kg
Type of mounting	Wall and ceiling mounting	
Connection terminals	Through-wiring from mains (L, L', N, PE) to 2.5 mm <sup>2</sup> CGLine+ bus through-wiring to 1.5 mm <sup>2</sup>	
Connection voltage	220 - 240 V AC, 50/60 Hz	
Battery	Lithium ion 3.7 V/4000 mAh with multiple protective circuit	
Power consumption mains operation (max.) (apparent power / effective power)	without heater	7.2 VA / 7.0 W
	with heater	9.2 VA / 9.3 W
Permissible ambient temperature	without heater	with heater
	+5 °C to +35 °C	-20 °C to +35 °C
Light source	HighPower LEDs 2 x 1.6 W	

## Ordering details

Scope of delivery	Order No.
Safety luminaire Atlantic LED R 1-8h/D CGLine+, with asymmetric optics for escape route illumination, including two cable glands	40071354872
Safety luminaire Atlantic LED O 1-8h/D CGLine+, with symmetric optics for anti-panic / open area illumination, including two cable glands	40071354873
Safety luminaire Outdoor Wall 1-8h/D CGLine+, with asymmetric optics for escape route illumination	40071354874
Safety luminaire Atlantic LED R 1-8h/D CGLine+ <b>H</b> , with asymmetric optics for escape route illumination, including two cable glands, with battery heater for low ambient temperature up to -20°C	40071354877
Safety luminaire Atlantic LED O 1-8h/D CGLine+ <b>H</b> , with symmetric optics for anti-panic / open area illumination, including two cable glands, with battery heater for low ambient temperature up to -20°C	40071354878
Safety luminaire Outdoor Wall 1-8h/D CGLine+ <b>H</b> , with asymmetric optics for escape route illumination, with battery heater for low ambient temperature up to -20°C	40071354879

Outdoor Wall CGLine+

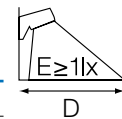


Outdoor Wall CGLine+ with asymmetric optics

### Planning help for Outdoor Wall – asymmetric optics for E = 1.0 lx (0.5 lx)

Measurement plane: 0.02 m, maintenance factor MF = 80 %, battery operation

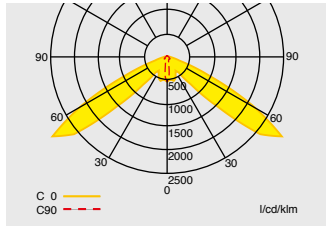
Duration of emergency operation	Mounting height in metres	Types of mounting	L1	L2	D
<b>1 h</b>	2.0	Wall mounting	4.5	11.4	0 - 2.0
	2.5		5.3	12.2	0 - 2.1
	3.0		5.8	13.8	0 - 2.1
	3.5		6.6	15.3	0 - 2.2
	4.0		7.0	16.7	0 - 2.3
	4.5		7.6	18.1	0 - 2.2
	5.0		8.3	19.2	0 - 2.1
	5.5		8.6	18.9	0.7 - 2.0
	6.0		3.0	16.9	1.0 - 1.9
<b>3 h</b>	2.0	Wall mounting	4.2	9.5	0 - 1.6
	2.5		4.8	11.0	0 - 1.7
	3.0		5.4	12.4	0 - 1.7
	3.5		5.8	13.3	0 - 1.7
	4.0		6.2	14.0	0.4 - 1.6
	4.5		2.1	12.5	0.7 - 1.5
<b>8 h</b>	2.0	Wall mounting	3.5	8.0	0.2 - 1.2
	2.5		3.9	8.6	0.3 - 1.0
	2.8		1.4	8.3	0.5 - 1.0



# Atlantic R CGLine+

Safety luminaire, wall or ceiling mounting

Atlantic LED R CGLine+



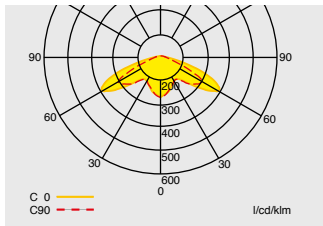
Atlantic R CGLine+ with asymmetric optics

## Planning help for Atlantic LED R – asymmetric optics for E = 1.0 lx (0.5 lx)

Measurement plane: 0.02 m, maintenance factor MF = 80 %, battery operation

Duration of emergency operation	Mounting height in metres	Types of mounting	Types of mounting			
			L1	L2	L3	L4
1 h	2.5	Ceiling mounting	6.0 ( 6.5)	13.0 (14.2)	2.0 (3.0)	6.1 (7.3)
	3.0	Escape route, central	6.8 ( 7.5)	15.0 (16.2)	1.7 (3.2)	6.1 (8.0)
	3.5		7.5 ( 8.4)	16.8 (18.3)	1.4 (2.8)	5.6 (8.5)
	4.0		8.3 ( 9.2)	18.5 (20.3)	1.2 (2.5)	5.0 (8.7)
	4.5		9.0 (10.0)	20.0 (22.2)	1.1 (2.2)	4.4 (8.6)
	5.0		9.6 (10.7)	21.5 (24.0)	1.1 (1.9)	3.9 (7.9)
	5.5		10.3 (11.5)	23.0 (25.7)	1.1 (1.8)	3.6 (7.2)
	6.0		10.8 (12.2)	24.4 (27.2)	1.0 (1.6)	3.3 (6.6)
	6.5		3.6 (12.9)	24.2 (28.8)	1.0 (1.6)	3.3 (6.0)
	7.0		3.5 (13.6)	21.9 (30.2)	1.0 (1.6)	3.3 (5.5)
	7.5		3.4 (14.2)	21.8 (31.7)	1.0 (1.6)	3.2 (5.2)
	8.0		3.3 (14.8)	22.0 (33.2)	0.9 (1.5)	3.1 (4.9)
	8.5		3.1 (15.3)	22.5 (34.6)	0.8 (1.5)	3.0 (4.6)
	3 h	2.5	Ceiling mounting	5.6 ( 6.2)	12.4 (13.4)	1.3 (2.6)
3.0		Escape route, central	6.3 ( 7.1)	14.2 (15.5)	1.0 (2.1)	4.2 (7.0)
3.5			7.1 ( 7.9)	15.8 (17.4)	0.9 (1.8)	3.7 (7.0)
4.0			7.7 ( 8.6)	17.2 (19.2)	0.9 (1.6)	3.2 (6.4)
4.5			8.3 ( 9.4)	18.7 (20.9)	0.9 (1.4)	2.8 (5.7)
5.0			8.9 (10.1)	20.1 (22.5)	0.8 (1.3)	2.6 (5.1)
5.5			2.9 (10.7)	17.7 (23.9)	0.8 (1.3)	2.6 (4.6)
6.0			2.7 (11.4)	17.6 (25.4)	0.8 (1.3)	2.6 (4.2)
8 h	2.5	Ceiling mounting	4.8 ( 5.4)	10.7 (12.0)	0.6 (1.0)	1.9 (4.0)
	3.0	Escape route, central	5.4 ( 6.1)	12.2 (13.6)	0.5 (0.8)	1.6 (3.3)
	3.5		1.8 ( 6.8)	11.0 (15.1)	0.5 (0.8)	1.6 (2.8)
	4.0		1.6 ( 7.4)	10.0 (16.6)	0.5 (0.8)	1.6 (2.5)
	4.5		1.3 ( 2.6)	5.1 (18.0)	0.3 (0.7)	1.5 (2.3)

Atlantic LED O CGLine+



Atlantic O CGLine+ with symmetric optics

### Planning help for Atlantic LED O – symmetric optics for E = 1.0 lx (0.5 lx)

Measurement level: 0.02 m, maintenance factor MF = 80 %, battery operation

Duration of emergency operation	Mounting height in metres	Types of mounting	Types of mounting				
			L1	L2	L3	L4	
1 h	2.5	Ceiling mounting	4.5 (5.4)	10.7 (12.4)	3.8 (4.5)	8.9 (10.0)	
	3.0	Escape route centre	4.7 (5.9)	11.7 (13.8)	4.1 (5.0)	9.9 (11.4)	
	3.5		4.9 (6.3)	12.5 (15.1)	4.1 (5.4)	10.8 (12.5)	
	4.0		4.3 (6.6)	13.2 (16.1)	4.1 (5.8)	11.4 (13.6)	
	4.5		2.3 (6.8)	13.6 (17.0)	2.1 (5.8)	11.2 (14.5)	
	5.0		1.9 (6.8)	13.1 (17.8)	1.9 (5.8)	10.4 (15.3)	
	5.5		1.6 (6.5)	12.5 (18.5)	1.5 (5.8)	9.6 (16.0)	
	6.0		1.1 (3.5)	7.0 (18.9)	1.1 (3.7)	7.3 (16.3)	
	6.5		0.7 (3.1)	6.1 (19.3)	0.7 (2.9)	5.8 (15.5)	
	3 h	2.5	Ceiling mounting	3.8 (4.8)	9.6 (11.4)	3.3 (4.1)	8.1 ( 9.3)
3.0		Escape route centre	3.8 (5.2)	10.4 (12.5)	3.3 (4.5)	8.9 (10.5)	
3.5			1.9 (5.4)	10.8 (13.5)	1.9 (4.7)	9.4 (11.4)	
4.0			1.6 (5.5)	10.6 (14.3)	1.5 (4.7)	8.4 (12.3)	
4.5			1.2 (5.1)	10.0 (15.0)	1.2 (4.7)	7.6 (12.9)	
5.0			0.8 (2.7)	5.4 (15.4)	0.8 (2.6)	5.2 (13.1)	
8 h		2.5	Ceiling mounting	1.0 (3.4)	6.6 ( 8.9)	0.9 (2.9)	5.2 ( 7.6)
		3.0	Escape route centre	0.6 (1.8)	3.6 ( 9.5)	0.6 (1.9)	3.7 ( 8.2)

5

### Planning help for Atlantic LED O – symmetric optics for E = 1.0 lx (0.5 lx)

Measurement level: 0.02 m, maintenance factor MF = 80 %, battery operation

Duration of emergency operation	Mounting height in metres	Types of mounting	Types of mounting				
			L1	L2	L3	L4	
1 h	2.5	Ceiling mounting	3.9 (4.3)	9.6 (10.6)	2.9 (3.6)	7.2 ( 8.5)	
	3.0	Room illumination	3.4 (4.6)	10.6 (11.6)	3.1 (4.1)	8.1 ( 9.8)	
	3.5		3.4 (4.4)	11.6 (13.2)	3.1 (4.2)	8.8 (10.4)	
	4.0		3.4 (5.4)	12.5 (14.6)	2.8 (4.1)	9.4 (11.0)	
	4.5		2.4 (5.4)	13.0 (15.6)	1.8 (4.1)	10.2 (11.8)	
	5.0		1.9 (5.4)	12.1 (16.8)	0.8 (3.8)	11.1 (12.3)	
	5.5		1.0 (5.4)	11.6 (17.6)	0.8 (3.7)	11.0 (13.0)	
	6.0		1.2 (3.4)	11.8 (18.4)	0.5 (3.1)	10.5 (13.6)	
	6.5		1.0 (2.4)	11.9 (18.2)	0.5 (0.8)	9.5 (14.9)	
	7.0		0.6 (2.4)	11.3 (17.1)	0.5 (1.0)	8.9 (15.8)	
3 h	2.5	Ceiling mounting	3.4 (3.4)	8.9 ( 9.6)	2.4 (3.4)	6.5 ( 8.0)	
	3.0	Room illumination	3.4 (4.3)	9.7 (11.0)	2.5 (3.6)	7.3 ( 8.7)	
	3.5		2.0 (4.4)	10.5 (12.2)	2.0 (3.5)	7.9 ( 9.4)	
	4.0		1.4 (4.4)	9.7 (13.3)	0.9 (3.4)	9.0 (10.0)	
	4.5		1.0 (4.4)	9.4 (14.1)	0.6 (3.3)	8.8 (10.7)	
	5.0		1.0 (2.4)	9.2 (14.5)	0.5 (3.3)	8.5 (11.6)	
	5.5		0.6 (2.1)	9.3 (13.9)	0.5 (0.9)	7.3 (12.9)	
	6.0		0.5 (1.5)	8.7 (13.6)	0.5 (0.5)	6.8 (12.5)	
	8 h	2.5	Ceiling mounting	1.2 (2.9)	6.0 ( 8.3)	0.8 (2.2)	5.6 ( 6.2)
		3.0	Room illumination	0.8 (1.9)	5.8 ( 8.9)	0.6 (1.9)	5.3 ( 7.0)
3.5			0.5 (1.4)	5.7 ( 8.6)	0.5 (0.6)	4.4 ( 7.9)	
4.0			0.7 (0.8)	4.7 ( 8.2)	0.5 (0.7)	4.3 ( 7.7)	
4.5			0.7 (0.9)	3.3 ( 8.0)	0.7 (0.5)	3.4 ( 7.3)	
5.0		0.7 (0.5)	2.8 (8.0)	0.5 (0.5)	2.4 ( 6.2)		