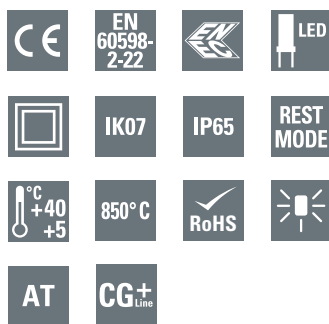


Self-contained luminaires

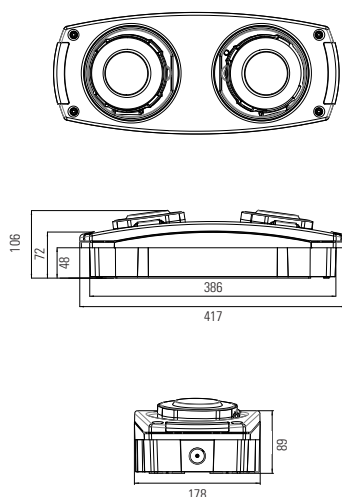
BeamLite II



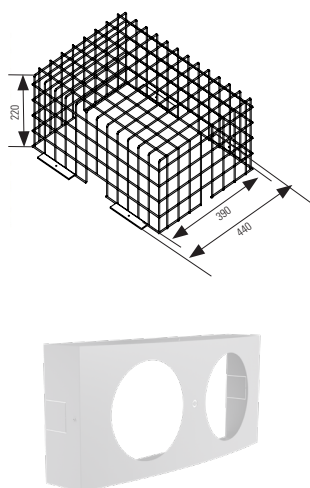
BeamLite II



Dimensions in mm



Protection grid



Features & Benefits

- High flux luminaire with configuration of two directional LED lamp heads
- Variants of 200lm, 400lm and 800lm, each light head can reach up to 400 lumens
- Installation up to 25m (30m) with optimum spacing of 34.6m (40.28m) for 1lux (0.5lux) illumination
- E-focus programming. Narrow and Wide light distribution, programmed by the user
- One product applicable for Escape Route or Open area illumination
- User / installer to define light distribution to fit the application
- Suitable for use in large open areas (supermarkets, warehouses, cinemas, theatres, factories, shopping malls, industrial units and stadiums etc.)
- New modern design, wall mounted
- Mains & communication cabling option from all housing sides (back, side and BESA entry)
- Locking mechanism of light head preventing accidental change of light heads configuration
- With automatic test for reduced inspection effort
- For autonomous installation or connection to the CGLine+ monitoring system
- Simple fault analysis and status display via bi-color LED
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ WEB-Controller)

Luminous flux	200lm, 400lm, 800lm
Operation	Non-Maintained
Autonomy	1, 2 or 3 hours
Testing system	test button, test by Telecommand
Degree of protection	IP65 & IK07
Connection terminals	up to 2.5 mm ² multicore, In & Out mains terminals (L, N, E) CGLine+ bus through-wiring up to 1.5 mm ²
Rated voltage	220-240Vac, 50/60Hz
Housing material	Polycarbonate (850 °C glow wire resistant)
Housing color	RAL9003
Insulation class	Class II
Permissible ambient temperature	+5°C to +40°C
Light source	12 LEDs Wide / 12 LEDs Narrow (4W max)

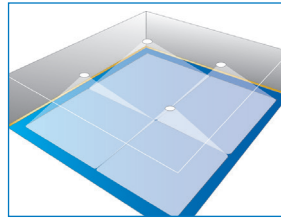
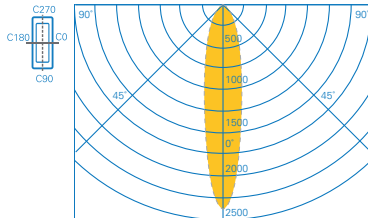
Ordering details

Order code	Description	⚡	🕒	☀️	🔋
BL2MC-A1	BeamLite II 2x100lm	2.3VA / 1.6W	1h	200 lm	4Cs NiCd 4.8V / 1.7Ah
BL2MC-A2	BeamLite II 2x100lm	2.3VA / 1.6W	2h	200 lm	4Cs NiCd 4.8V / 1.7Ah
BL2MC-A3	BeamLite II 2x100lm	2.3VA / 1.6W	3h	200 lm	4Cs NiCd 4.8V / 1.7Ah
BL2MC-A3CGL	BeamLite II 2x100lm CGL	2.3VA / 1.6W	3h	200 lm	4Cs NiCd 4.8V / 1.7Ah
BL2MC-C1	BeamLite II 2x200lm	2.3VA / 1.6W	1h	400 lm	4Cs NiCd 4.8V / 1.7Ah
BL2MD-C2	BeamLite II 2x200lm	3VA / 2.4W	2h	400 lm	3D NiCd 3.6V / 4Ah
BL2MD-C3	BeamLite II 2x200lm	5VA / 4.5W	3h	400 lm	6D NiCd 7.2V / 4Ah
BL2MD-C3-AT	BeamLite II 2x200lm AT	5VA / 4.5W	3h	400 lm	6D NiCd 7.2V / 4Ah
BL2MD-C3CGL	BeamLite II 2x200lm CGL	5VA / 4.5W	3h	400 lm	6D NiCd 7.2V / 4Ah
BL2MD-E1	BeamLite II 2x400lm	3VA / 2.4W	1h	800 lm	3D NiCd 3.6V / 4Ah
BL2MD-E2	BeamLite II 2x400lm	5VA / 4.5W	2h	800 lm	6D NiCd 7.2V / 4Ah
BL2MD-E3	BeamLite II 2x400lm	5VA / 4.5W	3h	800 lm	6D NiCd 7.2V / 4Ah
BL2MD-E1CGL	BeamLite II 2x400lm CGL	5VA / 4.5W	1h	800 lm	3D NiCd 3.6V / 4Ah
BL2MD-E3CGL	BeamLite II 2x400lm CGL	5VA / 4.5W	3h	800 lm	6D NiCd 7.2V / 4Ah

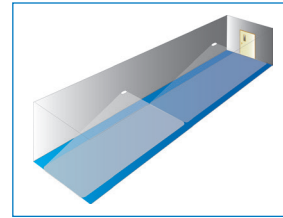
Accessories

Order code	Description
BTLGRID	BeamTech Large/BeamLiteII Grid (54x44x22)
BL2MB	BeamLite II Metal Base

BeamLite II Narrow beam at 0°-0° slope

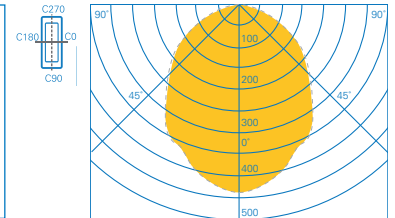


Open area for 0.5 lux



Escape route for 1 lux

BeamLite II Wide beam at 0°-0° slope



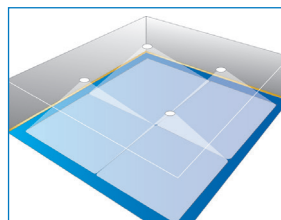
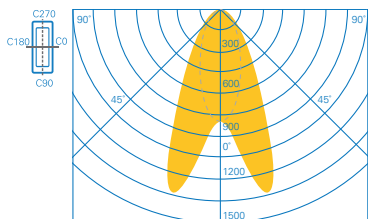
Planning help for BeamLite II with 2 Light Heads with Narrow & Wide beam 1.0 lx (0.5lx)

Maintenance factor MF = 80 %, battery operation and distances in m

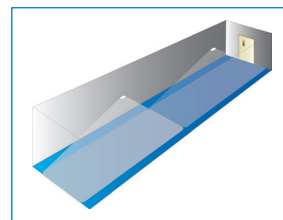
Luminaire type	Height (m)	Distance for 1 Lux (0.5 Lux)			
Ceiling mounting Escape route centre 2 Light Heads 2x200lm Narrow beam at 0°-0°	5,00	4,4 (4,4)	10,9 (10,6)	4,4 (4,4)	10,9 (10,6)
	7,50	4,7 (4,9)	12,5 (13,4)	4,7 (4,9)	12,5 (13,3)
	10,00	4,7 (5,2)	13,2 (15,0)	4,7 (5,2)	13,2 (14,9)
	12,50	4,4 (5,2)	13,3 (16,3)	4,4 (5,3)	13,43 (16,2)
	15,00	4,0 (5,1)	13,0 (17,0)	4,0 (5,2)	13,2 (17,1)
	20,00	— (4,7)	— (17,9)	— (4,7)	— (18,0)
	25,00	— (4,0)	— (18,1)	— (4,0)	— (18,3)
Ceiling mounting Escape route centre 2 Light Heads 2x400lm Narrow beam at 0°-0°	7,50	6,2 (6,1)	15,8 (15,6)	6,2 (6,1)	15,8 (15,6)
	10,00	6,6 (6,7)	17,4 (18,4)	6,6 (6,7)	17,4 (18,3)
	12,50	6,7 (7,0)	18,3 (20,2)	6,7 (7,0)	18,3 (20,3)
	15,00	6,5 (7,2)	18,8 (21,7)	6,6 (7,2)	18,9 (21,6)
	20,00	5,8 (7,1)	18,7 (23,8)	5,9 (7,2)	18,9 (23,7)
	25,00	5,0 (6,7)	17,46 (24,9)	5,1 (6,8)	17,7 (25,0)
	30,00	— (6,2)	— (25,5)	— (6,2)	— (25,7)

Luminaire type	Height (m)	Distance for 1 Lux (0.5 Lux)			
Ceiling mounting Escape route centre 2 Light Heads 2x200lm Wide beam at 0°-0°	2,50	4,2 (4,1)	9,9 (10,1)	4,2 (4,1)	10,3 (9,6)
	3,00	4,5 (4,4)	10,9 (10,8)	4,5 (4,4)	11,1 (10,9)
	4,00	4,9 (4,9)	12,3 (12,5)	4,9 (4,8)	12,4 (12,7)
	5,00	5,1 (5,3)	13,5 (13,9)	5,0 (5,3)	13,4 (13,8)
	7,50	5,0 (5,6)	14,5 (16,9)	5,0 (5,6)	14,4 (16,8)
	10,00	3,5 (5,5)	14,3 (18,3)	3,5 (5,5)	14,1 (18,0)
	15,00	— (5,5)	— (18,3)	— (5,5)	— (18,0)
Ceiling mounting Escape route centre 2 Light Heads 2x400lm Wide beam at 0°-0°	3,00	5,5 (—)	13,2 (—)	5,5 (—)	13,3 (—)
	4,00	6,2 (5,9)	15,1 (15,0)	6,2 (5,9)	15,4 (14,7)
	5,00	6,8 (6,4)	16,6 (16,2)	6,7 (6,4)	16,6 (16,9)
	7,50	7,2 (7,4)	19,4 (20,3)	7,2 (7,3)	19,4 (20,2)
	10,00	7,1 (7,7)	20,4 (23,4)	7,1 (7,7)	20,2 (23,1)
	12,50	6,5 (7,8)	20,2 (25,1)	6,4 (7,7)	20,4 (24,7)
	15,00	4,0 (7,6)	20,1 (26,1)	4,0 (7,6)	20,1 (25,8)

BeamLite II Narrow beam at 15°-15° slope

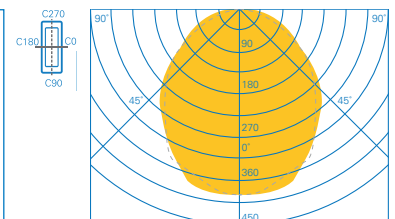


Open area for 0.5 lux



Escape route for 1 lux

BeamLite II Wide beam at 15°-15° slope



Planning help for BeamLite II with 2 Light Heads with Narrow & Wide beam 1.0 lx (0.5lx)

Maintenance factor MF = 80 %, battery operation and distances in m

Luminaire type	Height (m)	Distance for 1 Lux (0.5 Lux)			
Ceiling mounting Escape route centre 2 Light Heads 2x200lm Narrow beam at 15°-15°	4,00	3,9 (—)	9,5 (—)	4,4 (—)	10,9 (—)
	5,00	4,2 (4,2)	10,5 (10,7)	4,7 (4,7)	11,8 (12,3)
	7,50	4,4 (4,6)	11,9 (12,7)	5,4 (5,5)	13,7 (14,2)
	10,00	4,0 (4,6)	12,4 (13,8)	5,7 (6,2)	14,9 (15,6)
	12,50	3,3 (4,1)	12,1 (14,2)	6,0 (7,0)	15,8 (16,6)
	15,00	1,8 (2,7)	11,1 (13,4)	6,1 (8,1)	16,3 (16,3)
	20,00	— (2,7)	— (13,4)	— (8,1)	— (16,3)
Ceiling mounting Escape route centre 2 Light Heads 2x400lm Narrow beam at 15°-15°	5,00	5,3 (—)	12,6 (—)	5,9 (—)	14,7 (—)
	7,50	6,0 (5,8)	15,3 (15,6)	6,9 (6,6)	17,1 (17,9)
	10,00	6,2 (6,2)	16,6 (17,7)	7,5 (7,4)	19,0 (19,7)
	12,50	6,0 (6,3)	17,3 (18,8)	7,9 (8,1)	20,4 (21,1)
	15,00	5,53 (6,1)	17,5 (19,7)	8,14 (8,8)	21,4 (22,5)
	20,00	3,4 (4,5)	16,17 (19,5)	8,6 (10,6)	22,6 (23,4)

Luminaire type	Height (m)	Distance for 1 Lux (0.5 Lux)			
Ceiling mounting Escape route centre 2 Light Heads 2x200lm Wide beam at 15°-15°	2,50	4,1 (4,1)	10,0 (9,6)	4,1 (4,0)	10,3 (10,2)
	3,00	4,4 (4,3)	11,1 (10,8)	4,5 (4,4)	10,9 (11,2)
	4,00	4,9 (4,8)	12,1 (12,7)	4,9 (4,8)	12,2 (12,6)
	5,00	5 (5,1)	13,3 (14,1)	5,1 (5,2)	13,15 (13,9)
	7,50	4,8 (5,6)	14,1 (16,5)	4,8 (5,6)	14,6 (16,1)
	10,00	3,1 (5,3)	13,6 (18,0)	3,4 (5,7)	14,0 (18,4)
	15,00	— (5,3)	— (18,0)	— (5,7)	— (18,4)
Ceiling mounting Escape route centre 2 Light Heads 2x400lm Wide beam at 15°-15°	2,50	5,0 (—)	11,9 (—)	5,1 (—)	12,7 (—)
	3,00	5,5 (—)	13,0 (—)	5,5 (—)	13,6 (—)
	4,00	6,0 (5,7)	15,2 (14,8)	6,1 (5,8)	15,2 (15,4)
	5,00	6,6 (6,4)	16,5 (16,7)	6,6 (6,3)	16,3 (17,0)
	7,50	7,1 (7,1)	19,2 (20,0)	7,3 (7,3)	18,9 (20,1)
	10,00	6,8 (7,5)	20,0 (22,7)	7,0 (7,7)	20,5 (22,4)
	12,50	6,2 (7,9)	19,9 (24,2)	6,0 (7,7)	20,6 (24,6)
	15,00	3,1 (6,5)	19,1 (25,5)	3,8 (8,0)	19,3 (26,3)

* Spacing tables above are examples of performance of certain models with specific lumen output, installed on specific heights at few headlamps direction options. Complete performance characteristics for all models, all installation heights and all headlamp direction options can be derived by the use of the LTD files available on request.