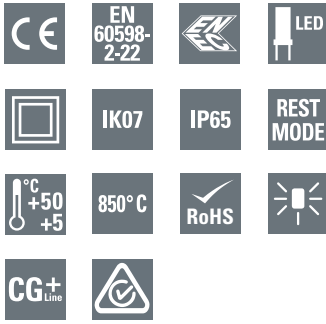


Beam lights

BeamTech Small PSU, 2 Light Heads



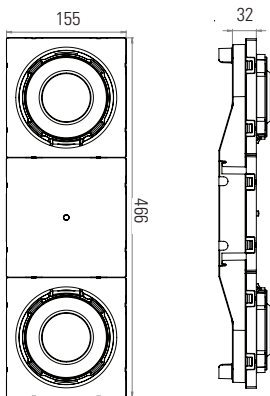
Features & Benefits

- High flux luminaire with configuration of two directional LED lamp heads
- Installation up to 25m (30m) with optimum spacing of 36.8m (43.1m) for 1lux (0.2lux) illumination
- E-focus programming. Narrow and Wide light distribution, programmed by the user
- IP65, IK07
- 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, stadiums etc.)
- New modern and flexible / modular design, wall or ceiling mounted or recessed (via accessory)
- Mains & communication cabling option from all housing sides (back & side entry)
- Locking mechanism of light head preventing accidental change of light heads configuration
- Wall mount or ceiling mount
- For autonomous installation or connection to the CGLine+ monitoring system
- Simple fault analysis and status display via bi-color LED (CGLine+)

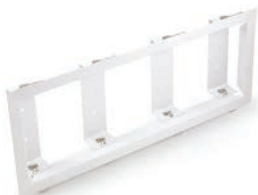
BeamTech Small PSU, 2 Light Heads



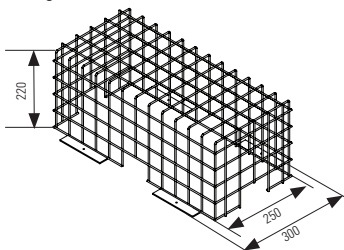
Dimensions in mm



Recessed base



Wire guard



Luminous flux	500lm
Operation	Non-Maintained
Autonomy	2 or 3 hours
Testing system	test button, CGLine+
Degree of protection	IP65 & IK07
Connection terminals	up to 1,5 mm ² screwless pushwire & 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 +50°C (LiFePo)
Light source	12 LEDs Wide / 12 LEDs Narrow (4W max)

Ordering details

Order code	Description				
BT2SL-D2	BeamTech Small 2x250lm	5VA/4.5W*	2h	500lm	LiFePo4 6.4V / 3.2Ah
BT2SL-D3CGL	BeamTech Small 2x250lm CGL	5VA / 4.5W*	3h	500 lm	LiFePo4 6.4V / 3.2Ah

* While charging, less than 1W in standby

Accessories

Order code	Description
BT2SRB	BeamTech Small 2 Recessed Base
BTSGRID	BeamTech Wire guard (53x30x22)



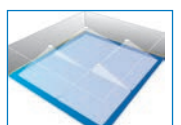
Narrow light distribution enables installations and ideal for large, escape routes and illumination of safety equipments. A maximum spacing of up to 16.5m between luminaires reduces the number of required light points and an application range from 5m up to

20m for 1Lux enables mounting at the normally occurring heights.

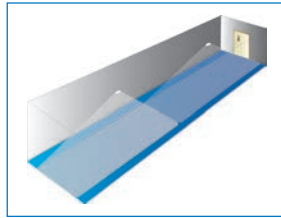
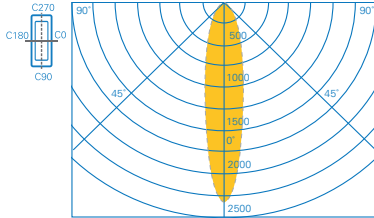


Wide light distribution enables higher height installations and ideal for large and high areas where no fixed escape route is defined, meaning that the complete area must be illuminated. A maximum spacing of up to 16m between luminaires reduces the

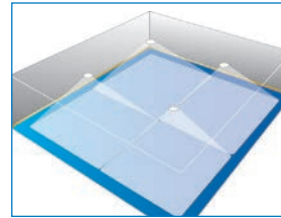
number of required light points and an application range from 2.5m up to 10m for 1Lux enables mounting at the normally occurring heights.



**BeamTech 2 Light Heads
Narrow beam at 0°-0° slope**

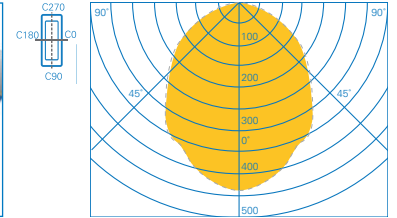


Escape route for 1 lux



Open area for 0.2 lux

**BeamTech 2 Light Heads
Wide beam at 0°-0° slope**



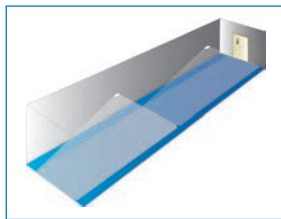
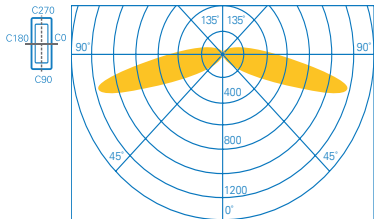
Planning help for BeamTech with 2 Light Heads with Narrow & Wide beam 1.0 lx (0.2lx)

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

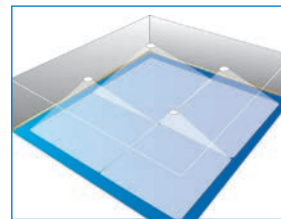
Luminaire type	Height (m)	Distance for 1 Lux (0.2 Lux)			
Ceiling mounting	5,00	4,7 (—)	11,6 (—)	4,7 (—)	11,6 (—)
Escape route centre	10,00	5,3 (5,6)	14,5 (16,1)	5,3 (5,7)	14,5 (16,0)
2 Light Heads 2x250lm	15,00	4,8 (5,8)	14,8 (18,6)	4,8 (5,8)	15,0 (18,5)
Narrow beam at 0°-0°	20,00	3,9 (5,4)	13,8 (19,7)	4,0 (5,5)	14,0 (19,8)

Luminaire type	Height (m)	Distance for 1 Lux (0.2 Lux)			
Ceiling mounting	2,50	4,5 (—)	10,6 (—)	4,4 (—)	10,9 (—)
Escape route centre	3,00	4,8 (4,6)	11,5 (11,6)	4,8 (4,7)	11,9 (11,2)
2 Light Heads 2x250lm	5,00	5,7 (5,6)	14,6 (14,9)	5,6 (5,57)	14,6 (14,6)
Wide beam at 0°-0°	10,00	5,0 (6,2)	16,1 (19,9)	5,0 (6,1)	16,2 (19,6)

**BeamTech 2 Light Heads
Narrow beam at 75°-75° slope**

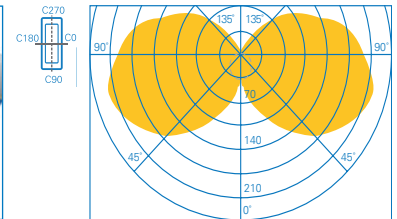


Escape route for 1 lux



Open area for 0.2 lux

**BeamTech 2 Light Heads
Wide beam at 75°-75° slope**



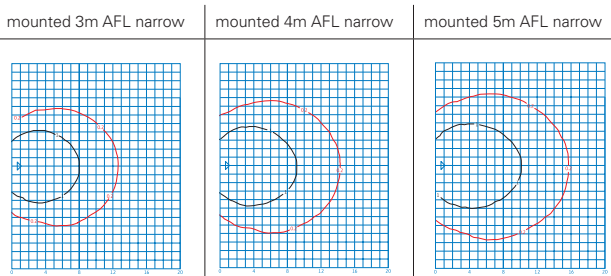
Planning help for BeamTech with 2 Light Heads with Narrow & Wide beam 1.0 lx (0.2lx)

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

Luminaire type	Height (m)	Distance for 1 Lux (0.2 Lux)			
Ceiling mounting	2,50	1,3 (1,9)	4,2 (5,9)	10,0 (11,5)	24,58 (29,84)
Escape route centre	3,00	1,1 (1,8)	4,0 (6,0)	10,6 (12,7)	26,52 (32,49)
2 Light Heads 2x250lm					
Narrow beam at 75°-75°					

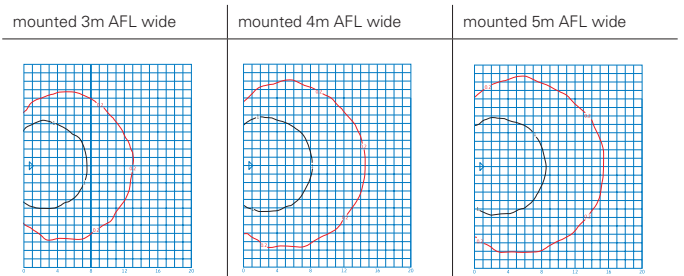
Luminaire type	Height (m)	Distance for 1 Lux (0.2 Lux)			
Ceiling mounting	2,50	1,8 (2,7)	5,0 (7,1)	5,3 (6,8)	14,1 (18,9)
Escape route centre	3,00	1,5 (2,4)	5,0 (7,5)	5,4 (7,3)	14,7 (20,3)
2 Light Heads 2x250lm					
Wide beam at 75°-75°					

1 x 4W (narrow) BeamTech Tilt 45°



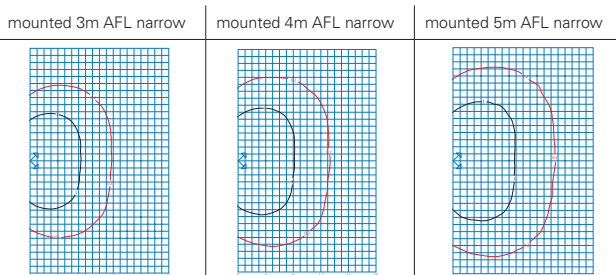
	mounted 3m AFL narrow	mounted 4m AFL narrow	mounted 5m AFL narrow
Area coverage 0.2 lux min	132 m ²	180 m ²	210 m ²
Area coverage 1.0 lux min	52 m ²	64 m ²	78 m ²

1 x 4W (wide) BeamTech Tilt 45°



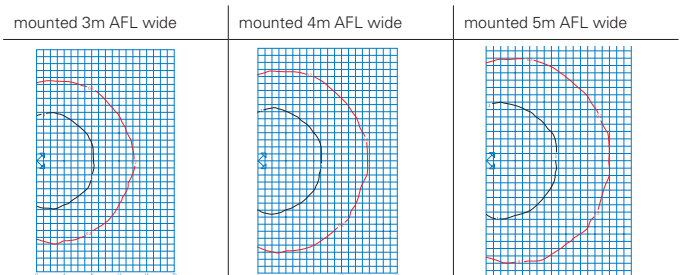
	mounted 3m AFL wide	mounted 4m AFL wide	mounted 5m AFL wide
Area coverage 0.2 lux min	162 m ²	232 m ²	262 m ²
Area coverage 1.0 lux min	42 m ²	76 m ²	78 m ²

2 x 4W (narrow) BeamTech Tilt 45°



	mounted 3m AFL narrow	mounted 4m AFL narrow	mounted 5m AFL narrow
Area coverage 0.2 lux min	216 m ²	284 m ²	340 m ²
Area coverage 1.0 lux min	84 m ²	106 m ²	134 m ²

2 x 4W (wide) BeamTech Tilt 45°



	mounted 3m AFL wide	mounted 4m AFL wide	mounted 5m AFL wide
Area coverage 0.2 lux min	262 m ²	306 m ²	384 m ²
Area coverage 1.0 lux min	92 m ²	108 m ²	128 m ²

* 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.

Note:

- The outer line represents 0.2 lux and inner line 1.0 lux
- Gridlines are 1 metre spacing
- AFL = Above Floor Level
- Designed to comply with AS2293 and meet relevant Australian EMC standards