

**Product configuration: BU85.15****Product code**

### Technical description

## Installation

**Colour**

Weight (Kg)

2.1

## Mounting

wall arm/wall surface/ground anchored/ground spike/ceiling surface

## Wiring

Control gear complete with electronic ballast (220÷240Vac 50/60Hz)

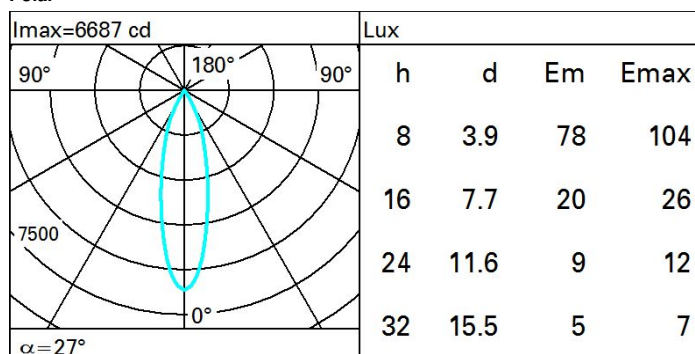
Complies with EN60598-1 and pertinent regulations



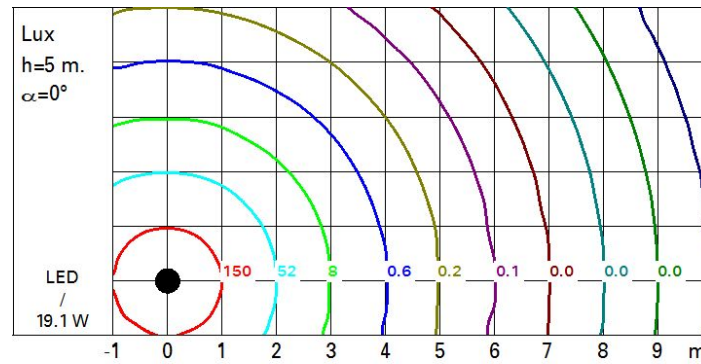
## Technical data

Im system:	1954	Colour temperature [K]:	3000
W system:	19.1	MacAdam Step:	2
Im source:	2610	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	17	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	102.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
Beam angle [°]:	28°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Rf (Colour Fidelity Index):	84	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	95		

## Polar



### Isolux



### UGR diagram

Corrected UGR values (at 2610 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	0.1	0.7	0.4	0.9	7.1	0.1	0.7	0.4	0.9	7.1
	3H	0.1	0.6	0.4	0.8	7.1	0.0	0.5	0.3	0.8	7.1
	4H	0.0	0.5	0.4	0.8	7.1	0.0	0.4	0.3	0.7	7.0
	6H	0.0	0.4	0.3	0.7	7.1	5.9	0.3	0.2	0.6	7.0
	8H	0.0	0.4	0.3	0.7	7.0	5.9	0.3	0.2	0.6	6.9
	12H	5.9	0.3	0.3	0.7	7.0	5.8	0.2	0.2	0.6	6.9
4H	2H	0.0	0.4	0.3	0.7	7.0	0.0	0.5	0.4	0.8	7.1
	3H	5.9	0.3	0.3	0.7	7.0	0.0	0.4	0.3	0.7	7.0
	4H	5.9	0.2	0.3	0.6	7.0	5.9	0.2	0.3	0.6	7.0
	6H	5.9	0.2	0.3	0.6	7.0	5.8	0.1	0.3	0.5	7.0
	8H	5.8	0.1	0.3	0.5	7.0	5.8	0.1	0.2	0.5	6.9
	12H	5.8	0.0	0.3	0.5	6.9	5.8	0.0	0.2	0.4	6.9
8H	4H	5.8	0.1	0.2	0.5	6.9	5.8	0.1	0.3	0.5	7.0
	6H	5.8	0.0	0.2	0.5	6.9	5.8	0.0	0.2	0.5	6.9
	8H	5.7	5.9	0.2	0.4	6.9	5.7	5.9	0.2	0.4	6.9
	12H	5.7	5.9	0.2	0.4	6.9	5.7	5.9	0.2	0.4	6.9
12H	4H	5.8	0.0	0.2	0.4	6.9	5.8	0.0	0.3	0.5	6.9
	6H	5.7	5.9	0.2	0.4	6.9	5.7	5.9	0.2	0.4	6.9
	8H	5.7	5.9	0.2	0.4	6.9	5.7	5.9	0.2	0.4	6.9
Variations with the observer position at spacing:											
S =		1.0H	5.9 / -0.2				5.9 / -0.2				
		1.5H	8.6 / -0.9				8.6 / -0.9				
		2.0H	10.6 / -7.5				10.6 / -7.5				