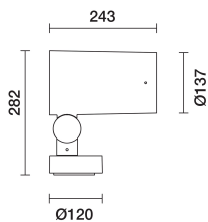


Last information update: April 2024

Product configuration: EI72

EI72: Spotlights for exteriors-Neutral White-Flood

**Product code**

EI72: Spotlights for exteriors-Neutral White-Flood

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

5.5

Mounting

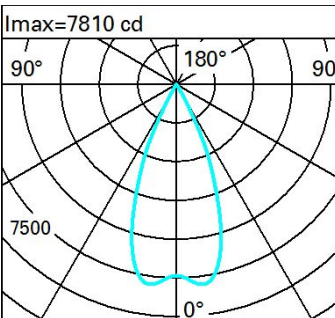
wall arm|ground surface|wall surface|ceiling surface

Complies with EN60598-1 and pertinent regulations

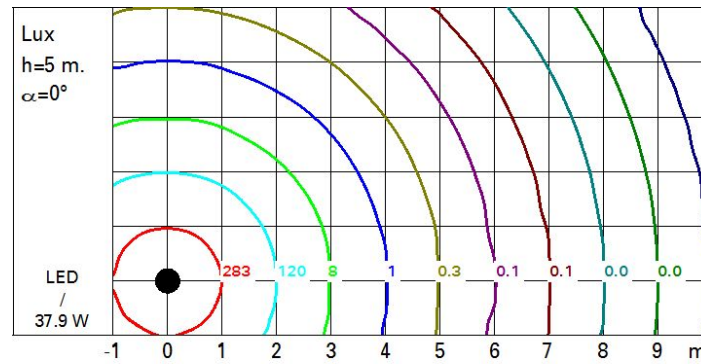
**Technical data**

Im system:	3721	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	37.9	Lamp code:	LED
Im source:	4710	Number of lamps for optical assembly:	1
W source:	34	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	98.2	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 35°C.
Total light flux at or above an angle of 90° [Lm]:	0	Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=25°C
Light Output Ratio (L.O.R.) [%]:	79	Power factor:	See installation instructions
Beam angle [°]:	43° / 41°	Inrush current:	21 A / 300 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	4000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	2	Control:	DALI-2

Polar

Imax=7810 cd		Lux			
		h	d	Em	E _{max}
		8	6.5	99	119
		16	12.9	25	30
		24	19.4	11	13
		32	25.9	6	7
α = 44°					

Isolux



UGR diagram

Corrected UGR values (at 4710 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	5.0	5.5	5.3	5.8	6.0	5.0	5.5	5.3	5.8	6.0
	3H	4.9	5.4	5.2	5.7	5.9	4.9	5.4	5.2	5.7	5.9
	4H	4.8	5.3	5.2	5.6	5.9	4.8	5.3	5.1	5.6	5.9
	6H	4.8	5.2	5.1	5.5	5.8	4.7	5.2	5.1	5.5	5.8
	8H	4.7	5.1	5.1	5.5	5.8	4.7	5.1	5.1	5.5	5.8
	12H	4.7	5.1	5.1	5.4	5.8	4.7	5.1	5.0	5.4	5.8
4H	2H	4.8	5.3	5.1	5.6	5.9	4.8	5.3	5.2	5.6	5.9
	3H	4.7	5.1	5.1	5.5	5.8	4.7	5.1	5.1	5.5	5.8
	4H	4.6	5.0	5.0	5.4	5.8	4.6	5.0	5.0	5.4	5.8
	6H	4.6	4.9	5.0	5.3	5.7	4.6	4.9	5.0	5.3	5.7
	8H	4.5	4.8	5.0	5.2	5.7	4.5	4.8	5.0	5.2	5.7
	12H	4.5	4.7	4.9	5.2	5.6	4.5	4.7	4.9	5.2	5.6
8H	4H	4.5	4.8	5.0	5.2	5.7	4.5	4.8	5.0	5.2	5.7
	6H	4.4	4.7	4.9	5.1	5.6	4.4	4.7	4.9	5.1	5.6
	8H	4.4	4.6	4.9	5.1	5.6	4.4	4.6	4.9	5.1	5.6
	12H	4.3	4.5	4.8	5.0	5.5	4.3	4.5	4.8	5.0	5.5
12H	4H	4.5	4.7	4.9	5.2	5.6	4.5	4.7	4.9	5.2	5.6
	6H	4.4	4.6	4.9	5.1	5.6	4.4	4.6	4.9	5.1	5.6
	8H	4.3	4.5	4.8	5.0	5.5	4.3	4.5	4.8	5.0	5.5
Variations with the observer position at spacing:											
S =		1.0H	5.5	/ -7.5				5.5	/ -7.5		
		1.5H	8.3	/ -9.6				8.3	/ -9.6		
		2.0H	10.3	/ -10.8				10.3	/ -10.8		