Palco InOut

Design Artec Studio | **iGuzzini**

Last information update: March 2025

Product configuration: EI72
EI72: Spotlights for exteriors-Neutral White-Flood

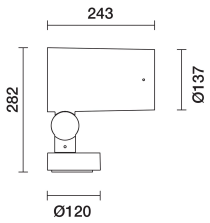
Product code
EI72: Spotlights for exteriors-Neutral White-Flood

Colour	**Weight (Kg)**
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	5.5

Mounting
wall arm|ground surface|wall surface|ceiling surface

Complies with EN60598-1 and pertinent regulations

IK07 IP66

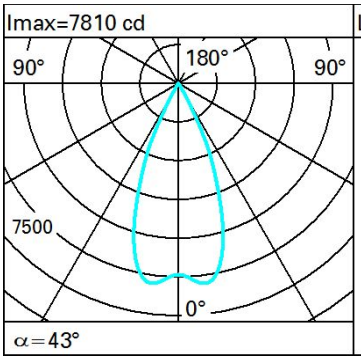


Technical data

lm system:	3721
W system:	37.9
lm source:	4710
W source:	34
Luminous efficiency (lm/W, real value):	98.2
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	79
Beam angle [°]:	43° / 41°
CRI (minimum):	80
Colour temperature [K]:	4000
MacAdam Step:	2

Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -30°C to 35°C.
Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=25°C
Power factor:	See installation instructions
Inrush current:	21 A / 300 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Overvoltage protection:	10kV Common mode & 6kV Differential mode
Control:	DALI-2

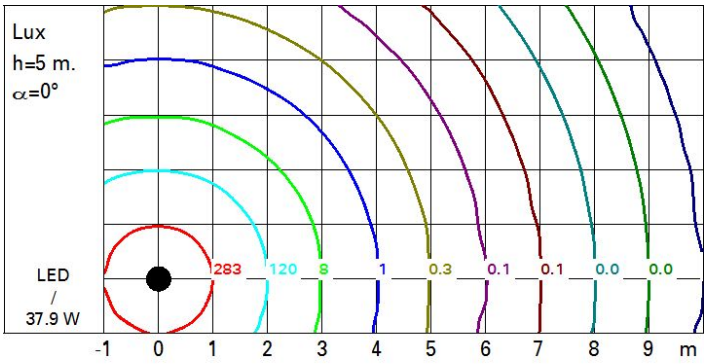
Polar



Lux

h	d	Em	Emax
8	6.3	99	119
16	12.7	25	30
24	19	11	13
32	25.4	6	7

Isolux



UGR diagram

Corrected UGR values (at 4710 lm bare lamp luminous flux)

Riflect.: ceil/cav		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