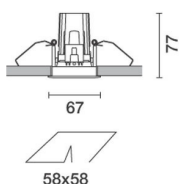
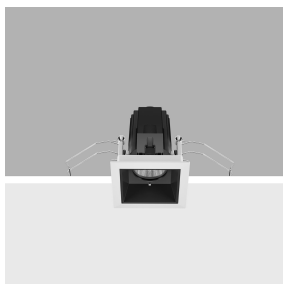


Last information update: May 2025

Product configuration: P336.47

P336.47: Fixed square recessed luminaire - LED - flood - Super Comfort - 6.8W 544lm - 3000K - CRI 90 - Black / White

**Product code**

P336.47: Fixed square recessed luminaire - LED - flood - Super Comfort - 6.8W 544lm - 3000K - CRI 90 - Black / White

Technical description

Square recessed luminaire with contact frame. Fixed Super Comfort version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - flood optic (40°). Structure with die-cast aluminium external contact frame with a single white finish. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Quick and easy tool free assembly. High color rendering index 3,000K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation slot: 59 x 59 mm.

Colour

Black / White (47)

Weight (Kg)

0.15

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed

**Technical data**

lm system:	608	Rf (Colour Fidelity Index):	92
W system:	6.8	Rg (Gamut Index):	99
lm source:	800	Colour temperature [K]:	3000
W source:	6.8	MacAdam Step:	2
Luminous efficiency (lm/W, real value):	89.4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	76	ZVEI Code:	LED
Beam angle [°]:	42°	Number of optical assemblies:	1
CRI (minimum):	90	LED current [mA]:	200

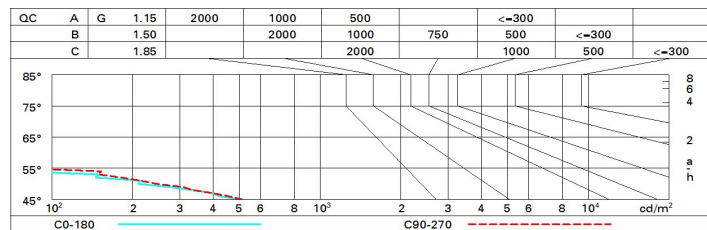
Polar

Imax=1418 cd		C70-250		CIE		Lux	
90°	180°	90°	0°	nL 0.76	100-100-100-100-76	h	d1 d2 Em Emax
				UGR <10-10	DIN A.61	1	0.8 0.8 1108 1418
				UTE 0.76A+0.00T	F*1=999	2	1.5 1.5 277 354
				F*1+F*2=1000	F*1+F*2+F*3=1000	3	2.3 2.3 123 158
				CIBSE LG3 L<1500 cd/m² at 65°	UGR<10 L<1500 cd/mq @65°	4	3.1 3.1 69 89

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	62	62	60	78
1.0	72	69	66	65	68	66	65	63	83
1.5	75	73	71	69	72	70	70	67	89
2.0	77	76	74	73	75	74	73	71	93
2.5	79	78	77	76	77	76	75	73	96
3.0	80	79	78	78	78	77	76	74	98
4.0	81	80	80	79	79	78	77	76	99
5.0	81	81	80	80	80	79	78	76	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 800 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	5.0	5.6	5.3	5.8	6.0	5.0	5.6	5.3	5.8	6.0
	3H	4.9	5.4	5.2	5.7	5.9	4.9	5.4	5.2	5.6	5.9
	4H	4.8	5.3	5.1	5.6	5.9	4.8	5.3	5.1	5.6	5.9
	6H	4.7	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	5.4	5.8	4.7	5.1	5.0	5.4	5.8
	12H	4.7	5.1	5.0	5.4	5.7	4.7	5.0	5.0	5.4	5.7
4H	2H	4.8	5.3	5.1	5.6	5.9	4.8	5.3	5.1	5.6	5.9
	3H	4.7	5.1	5.0	5.4	5.7	4.7	5.0	5.0	5.4	5.7
	4H	4.6	4.9	5.0	5.3	5.7	4.6	4.9	5.0	5.3	5.7
	6H	4.5	4.8	4.9	5.2	5.6	4.5	4.8	4.9	5.2	5.6
	8H	4.4	4.7	4.9	5.1	5.6	4.4	4.7	4.9	5.1	5.6
	12H	4.4	4.6	4.8	5.1	5.5	4.4	4.6	4.8	5.1	5.5
8H	4H	4.4	4.7	4.9	5.1	5.6	4.4	4.7	4.9	5.1	5.6
	6H	4.3	4.6	4.8	5.0	5.5	4.3	4.6	4.8	5.0	5.5
	8H	4.3	4.5	4.8	4.9	5.4	4.3	4.5	4.8	4.9	5.4
	12H	4.2	4.4	4.7	4.9	5.4	4.2	4.4	4.7	4.9	5.4
12H	4H	4.4	4.6	4.8	5.1	5.5	4.4	4.6	4.8	5.1	5.5
	6H	4.3	4.5	4.8	4.9	5.4	4.3	4.5	4.8	4.9	5.4
	8H	4.2	4.4	4.7	4.9	5.4	4.2	4.4	4.7	4.9	5.4
Variations with the observer position at spacing:											
S =	1.0H	6.6 / -23.0					6.6 / -22.5				
	1.5H	9.0 / -37.3					9.5 / -42.2				
	2.0H	11.0 / -43.4					11.0 / -47.4				