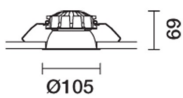
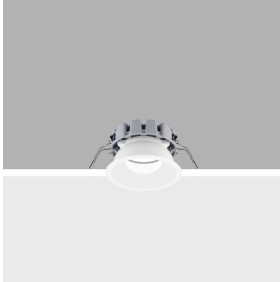


Last information update: June 2025

Product configuration: QF50.01

QF50.01: Ø 105 mm - warm white - electronic - White

**Product code**QF50.01: Ø 105 mm - warm white - electronic - White **Attention! Code no longer in production****Technical description**

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in warm white colour tone (3000K). General lighting beam.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 20 mm.

Colour

White (01)

Weight (Kg)

0.36

Mounting

ceiling surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



On the visible part of the product once installed

**Technical data**

lm system:	1558	Colour temperature [K]:	3000
W system:	12.9	MacAdam Step:	2
lm source:	1900	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	11	Lamp code:	LED
Luminous efficiency (lm/W, real value):	120.8	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	82	Control:	On/off
CRI (minimum):	80		

Polar

Imax=1018 cd		CIE nL 0.82 72-91-98-100-82 UGR 26.5-26.0 DIN A.51 UTE 0.82B+0.00T F*1=721 F*1+F*2=915 F*1+F*2+F*3=980	Lux				
90°	180°		90°	h	d	Em	Emax
			1	1.5	718	1018	
			2	3	179	254	
			3	4.5	80	113	
			4	6	45	64	
α=74°							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	57	52	49	56	52	51	47	58
1.0	68	62	58	55	61	57	57	53	64
1.5	74	70	66	63	69	65	65	61	74
2.0	78	75	72	69	73	71	70	66	81
2.5	81	78	75	73	76	74	73	70	85
3.0	82	80	78	76	78	76	75	72	88
4.0	84	82	80	79	80	79	78	75	91
5.0	85	83	82	81	82	80	79	76	93

UGR diagram

Corrected UGR values (at 1900 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	24.1	25.0	24.4	25.2	25.5	24.1	25.0	24.4	25.2	25.5
	3H	24.8	25.6	25.1	25.9	26.2	24.2	25.1	24.6	25.4	25.6
	4H	25.2	25.9	25.5	26.2	26.6	24.3	25.1	24.6	25.4	25.7
	6H	25.5	26.2	25.9	26.6	26.9	24.3	25.0	24.7	25.3	25.7
	8H	25.6	26.3	26.0	26.7	27.0	24.3	25.0	24.7	25.3	25.7
	12H	25.7	26.4	26.1	26.7	27.1	24.3	24.9	24.7	25.3	25.6
4H	2H	24.3	25.1	24.6	25.4	25.7	25.2	25.9	25.5	26.2	26.6
	3H	25.3	25.9	25.6	26.3	26.6	25.6	26.2	26.0	26.6	27.0
	4H	25.8	26.4	26.2	26.7	27.1	25.8	26.4	26.2	26.7	27.1
	6H	26.3	26.8	26.7	27.2	27.6	25.9	26.5	26.4	26.9	27.3
	8H	26.5	26.9	26.9	27.3	27.8	26.0	26.5	26.4	26.9	27.3
	12H	26.6	27.0	27.0	27.4	27.9	26.0	26.4	26.4	26.8	27.3
8H	4H	26.0	26.5	26.4	26.9	27.3	26.5	26.9	26.9	27.3	27.8
	6H	26.6	27.0	27.1	27.4	27.9	26.7	27.1	27.2	27.6	28.1
	8H	26.9	27.2	27.4	27.7	28.2	26.9	27.2	27.4	27.7	28.2
	12H	27.1	27.4	27.6	27.8	28.4	27.0	27.2	27.5	27.7	28.2
12H	4H	26.0	26.4	26.4	26.8	27.3	26.6	27.0	27.0	27.4	27.9
	6H	26.7	27.0	27.1	27.5	28.0	26.9	27.2	27.4	27.7	28.2
	8H	27.0	27.2	27.5	27.7	28.2	27.1	27.4	27.6	27.8	28.4
Variations with the observer position at spacing:											
S =	1.0H	0.5 / -0.5					0.5 / -0.5				
	1.5H	1.1 / -1.0					1.1 / -1.0				
	2.0H	2.1 / -1.2					2.1 / -1.2				