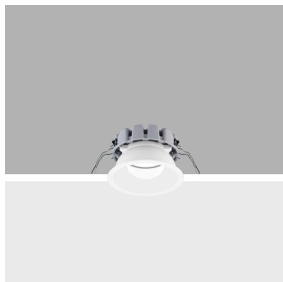


Last information update: February 2025

**Product configuration: QF51.01**

QF51.01: Ø 105 mm - neutral white - DALI - 13.2W 1558lm - 4000K - White

**Product code**

QF51.01: Ø 105 mm - neutral white - DALI - 13.2W 1558lm - 4000K - White

**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 neutral white colour tone (4000K). 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 DALI components

**Notes**

TPA version available on request, contact iGuzzini for more info

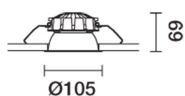
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

lm system:	1558	Colour temperature [K]:	4000
W system:	13.2	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):	118	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:	DALI-2
CRI (minimum):	80		

**Polar**

Imax=1018 cd		CIE		Lux			
90°	180°	90°		h	d	Em	E <sub>max</sub>
		nL 0.82 72-91-98-100-82 UGR 26.5-26.0 <b>DIN</b> A.51 <b>UTE</b> 0.82B+0.00T F*1=721 F*1+F*2=915 F*1+F*2+F*3=980		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)											
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	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	26.6	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 =		0.5 / -0.5					0.5 / -0.5				
		1.1 / -1.0					1.1 / -1.0				
		2.1 / -1.2					2.1 / -1.2				