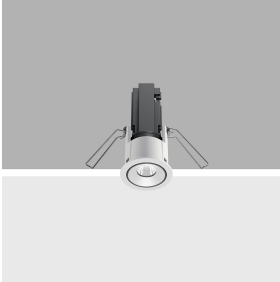


Last information update: November 2024

**Product configuration: QY55**

QY55: Fixed round recessed luminaire - LED - wide flood - Super Comfort



**Product code**

QY55: Fixed round recessed luminaire - LED - wide flood - Super Comfort

**Technical description**

Round recessed luminaire with contact frame. Super Comfort fixed version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main die-cast aluminium body includes a radiant surface that guarantees optimal heat dissipation. Metallised, thermoplastic, high definition reflector - wide flood optic (42°). Structure featuring a die-cast aluminium external contact frame with a white finish only. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass screen included. Quick, easy, tool-free assembly. 4000K high colour rendering index LED lamp. The power supply unit is available with a separate item code.

**Installation**

With steel wire anti-fall springs for recessed installation in false ceilings - minimum thickness of false ceiling 1 mm - preparation hole Ø 38 mm

**Colour**

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)\* | White / Chrome (E4)\* | White / burnished chrome (E7)\* | White / gold satin-finish (E9)\*

**Weight (Kg)**

0.14

\* Colours on request

**Mounting**

wall recessed|ceiling recessed

**Wiring**

Direct current ballasts available with separate item codes: ON-OFF / 1-10V dimmable / DALI dimmable / Phase Cut dimmable.

**Notes**

A wide range of decorative accessories and diffusers is available.

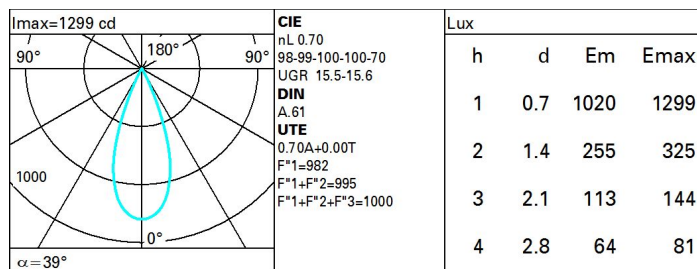
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	511	CRI (minimum):	90
W system:	6.7	Colour temperature [K]:	4000
Im source:	730	MacAdam Step:	2
W source:	6.7	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	76.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	40°	LED current [mA]:	550

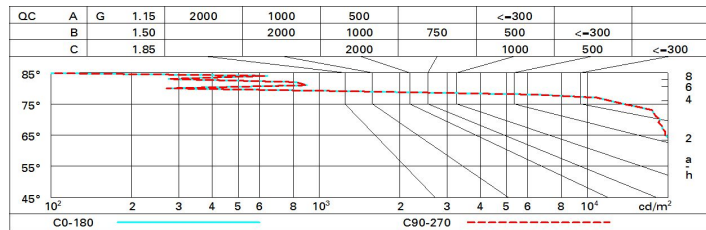
**Polar**



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	59	57	55	59	57	56	54	77
1.0	66	63	60	59	62	60	60	57	82
1.5	69	67	65	63	66	64	64	61	88
2.0	71	69	68	67	68	67	67	65	92
2.5	72	71	70	69	70	69	69	67	95
3.0	73	73	72	71	71	71	70	68	97
4.0	74	74	73	73	72	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 730 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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											
x	y										
2H	2H	14.2	14.8	14.5	15.0	15.3	14.2	14.8	14.5	15.0	15.3
	3H	14.9	15.4	15.2	15.7	15.9	14.4	14.9	14.7	15.2	15.5
	4H	15.1	15.6	15.4	15.9	16.2	14.5	14.9	14.8	15.2	15.5
	6H	15.1	15.5	15.4	15.8	16.2	14.5	14.9	14.8	15.2	15.5
	8H	15.1	15.5	15.4	15.8	16.1	14.4	14.9	14.8	15.2	15.5
	12H	15.0	15.4	15.4	15.8	16.1	14.4	14.8	14.8	15.1	15.5
4H	2H	14.5	14.9	14.8	15.2	15.5	15.1	15.6	15.4	15.9	16.2
	3H	15.3	15.7	15.7	16.0	16.4	15.5	15.9	15.8	16.2	16.5
	4H	15.6	15.9	16.0	16.3	16.7	15.6	15.9	16.0	16.3	16.7
	6H	15.6	15.9	16.0	16.3	16.7	15.7	16.0	16.1	16.4	16.8
	8H	15.5	15.8	16.0	16.2	16.7	15.6	15.9	16.1	16.3	16.8
	12H	15.5	15.7	15.9	16.2	16.6	15.6	15.8	16.0	16.3	16.7
8H	4H	15.6	15.9	16.1	16.3	16.8	15.5	15.8	16.0	16.2	16.7
	6H	15.6	15.8	16.1	16.3	16.8	15.6	15.8	16.1	16.3	16.7
	8H	15.6	15.8	16.0	16.2	16.7	15.6	15.8	16.0	16.2	16.7
	12H	15.5	15.7	16.0	16.2	16.7	15.5	15.7	16.0	16.2	16.7
12H	4H	15.6	15.8	16.0	16.3	16.7	15.5	15.7	15.9	16.2	16.6
	6H	15.6	15.8	16.0	16.2	16.7	15.5	15.7	16.0	16.2	16.7
	8H	15.5	15.7	16.0	16.2	16.7	15.5	15.7	16.0	16.2	16.7

Variations with the observer position at spacing:			
S =	1.0H	2.6 / -1.1	2.6 / -1.1
	1.5H	4.6 / -2.0	4.6 / -2.0
	2.0H	6.3 / -2.3	6.3 / -2.3