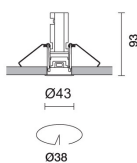
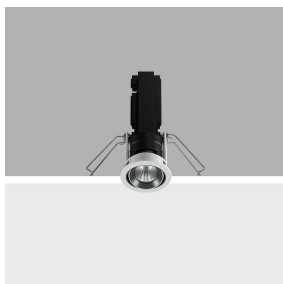


Last information update: October 2024

**Product configuration: QY58.47**

QY58.47: Adjustable (tilting) round recessed luminaire - LED - Comfort - Medium - White/Black

**Product code**

QY58.47: Adjustable (tilting) round recessed luminaire - LED - Comfort - Medium - White/Black

**Technical description**

Round recessed luminaire with contact frame. Adjustable version with max 30° tilting movement. The main adjustable die-cast aluminium body includes a radiant surface that guarantees optimal heat dissipation. Metallised, thermoplastic, high definition reflector - medium optic (24°). Structure featuring a die-cast aluminium external contact frame with a white finish only. Steel technical rotation parts. The ring inside the adjustable body is made of thermoplastic and is available in a range of painted and metallised finishes. Safety glass screen included. Quick, easy, tool-free assembly. 3000K 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**

Black / White (47)

**Weight (Kg)**

0.14

**Mounting**

wall recessed|ceiling recessed

**Wiring**

Direct current ballasts available with separate item codes: ON-OFF / 1-10V dimmable / DALI dimmable / Phase Cut dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

**Notes**

To reduce the effect of glare caused by the internal wall of the recessed fitting being rotated, a snap-on black accessory is available. A wide range of decorative accessories and diffusers is also available.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of the product once installed

**Technical data**

Im system:	408	CRI (minimum):	90
W system:	6.7	Colour temperature [K]:	3000
Im source:	680	MacAdam Step:	2
W source:	6.7	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	60.9	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.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	26°	LED current [mA]:	550

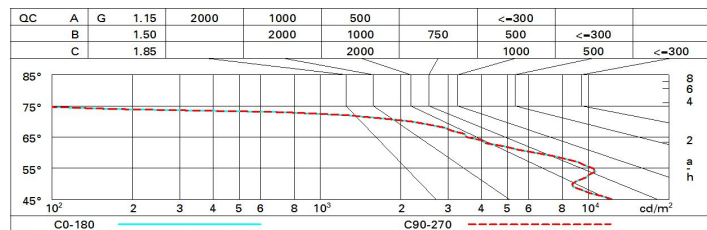
**Polar**

Imax=1771 cd		CIE		Lux			
h	d	Em	E <sub>max</sub>				
2	0.9	348	443				
4	1.8	87	111				
6	2.8	39	49				
8	3.7	22	28				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	54	51	49	48	51	49	49	47	78
1.0	56	54	52	51	53	52	51	50	83
1.5	59	57	56	55	57	55	55	53	88
2.0	61	60	59	58	59	58	57	56	93
2.5	62	61	60	60	60	60	59	57	96
3.0	63	62	62	61	61	61	60	59	98
4.0	64	63	63	62	62	62	61	60	99
5.0	64	64	63	63	63	62	62	60	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 680 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	7.9	10.1	8.3	10.4	10.8	7.9	10.1	8.3	10.4	10.8
	3H	7.9	9.6	8.3	9.9	10.3	8.0	9.6	8.3	10.0	10.3
	4H	7.9	9.3	8.3	9.6	9.9	7.9	9.3	8.3	9.6	10.0
	6H	7.8	8.9	8.2	9.2	9.6	7.9	8.9	8.3	9.3	9.6
	8H	7.8	8.8	8.2	9.2	9.5	7.9	8.9	8.2	9.2	9.6
	12H	7.7	8.7	8.1	9.1	9.5	7.8	8.8	8.2	9.2	9.6
4H	2H	7.9	9.3	8.3	9.6	10.0	7.9	9.3	8.3	9.6	9.9
	3H	8.0	9.0	8.4	9.3	9.7	7.9	8.9	8.3	9.3	9.7
	4H	7.8	8.8	8.3	9.2	9.6	7.8	8.8	8.3	9.2	9.6
	6H	7.5	9.2	7.9	9.6	10.1	7.5	9.2	8.0	9.6	10.1
	8H	7.3	9.2	7.8	9.7	10.2	7.3	9.3	7.8	9.7	10.2
	12H	7.2	9.2	7.7	9.7	10.2	7.2	9.2	7.7	9.7	10.2
8H	4H	7.3	9.3	7.8	9.7	10.2	7.3	9.2	7.8	9.7	10.2
	6H	7.2	9.0	7.7	9.5	10.1	7.2	9.0	7.7	9.5	10.1
	8H	7.2	8.8	7.7	9.3	9.9	7.2	8.8	7.7	9.3	9.9
	12H	7.3	8.4	7.8	8.9	9.5	7.3	8.4	7.8	8.9	9.5
12H	4H	7.2	9.2	7.7	9.7	10.2	7.2	9.2	7.7	9.7	10.2
	6H	7.2	8.8	7.7	9.3	9.9	7.2	8.8	7.7	9.3	9.9
	8H	7.3	8.4	7.8	8.9	9.5	7.3	8.4	7.8	8.9	9.5
Variations with the observer position at spacing:											
S =	1.0H	3.8 / -2.6					3.8 / -2.6				
	1.5H	6.3 / -5.8					6.3 / -5.8				
	2.0H	8.2 / -7.9					8.2 / -7.9				