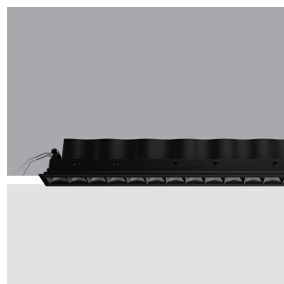


Last information update: March 2025

**Product configuration: QX62.43**

QX62.43: 15 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - Black/Black

**Product code**

QX62.43: 15 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - Black/Black

**Technical description**

rectangular miniaturised recessed luminaire with 15 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white LED.

**Installation**

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 406

**Colour**

Black / Black (43)

**Weight (Kg)**

0.86

**Mounting**

wall recessed/ceiling recessed

**Wiring**

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2552	CRI (typical):	92
W system:	33.5	Colour temperature [K]:	2700
Im source:	3150	MacAdam Step:	3
W source:	30	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	76.2	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.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	32°	Control:	DALI-2
CRI (minimum):	90		

**Polar**

	Lux			
	h	d	Em	Emax
	2	1.1	1628	2143
	4	2.3	407	536
	6	3.4	181	238
	8	4.6	102	134

$\alpha = 32^\circ$

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	70	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	78	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	81	99
5.0	87	86	86	86	85	84	83	81	100

# UGR diagram

Corrected UGR values (at 3150 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	-8.0	-7.5	-7.7	-7.3	-7.0	-8.0	-7.5	-7.7	-7.3	-7.0
	3H	-8.1	-7.7	-7.8	-7.4	-7.1	-8.1	-7.7	-7.8	-7.4	-7.1
	4H	-8.2	-7.8	-7.9	-7.5	-7.2	-8.2	-7.8	-7.9	-7.5	-7.2
	6H	-8.3	-7.9	-7.9	-7.6	-7.2	-8.3	-7.9	-7.9	-7.6	-7.3
	8H	-8.3	-7.9	-8.0	-7.6	-7.3	-8.3	-7.9	-8.0	-7.6	-7.3
	12H	-8.3	-8.0	-8.0	-7.6	-7.3	-8.4	-8.0	-8.0	-7.7	-7.3
4H	2H	-8.2	-7.8	-7.9	-7.5	-7.2	-8.2	-7.8	-7.9	-7.5	-7.2
	3H	-8.4	-8.0	-8.0	-7.7	-7.3	-8.4	-8.0	-8.0	-7.7	-7.3
	4H	-8.5	-8.1	-8.1	-7.8	-7.4	-8.5	-8.1	-8.1	-7.8	-7.4
	6H	-8.5	-8.2	-8.1	-7.8	-7.4	-8.5	-8.3	-8.1	-7.9	-7.4
	8H	-8.6	-8.3	-8.1	-7.9	-7.5	-8.6	-8.3	-8.1	-7.9	-7.5
	12H	-8.6	-8.4	-8.1	-7.9	-7.5	-8.6	-8.4	-8.2	-8.0	-7.5
8H	4H	-8.6	-8.3	-8.1	-7.9	-7.5	-8.6	-8.3	-8.1	-7.9	-7.5
	6H	-8.7	-8.4	-8.2	-8.0	-7.5	-8.7	-8.4	-8.2	-8.0	-7.5
	8H	-8.7	-8.5	-8.2	-8.0	-7.5	-8.7	-8.5	-8.2	-8.0	-7.5
	12H	-8.7	-8.6	-8.2	-8.1	-7.6	-8.7	-8.6	-8.2	-8.1	-7.6
12H	4H	-8.6	-8.4	-8.2	-8.0	-7.5	-8.6	-8.4	-8.1	-7.9	-7.5
	6H	-8.7	-8.5	-8.2	-8.1	-7.6	-8.7	-8.5	-8.2	-8.0	-7.5
	8H	-8.7	-8.6	-8.2	-8.1	-7.6	-8.7	-8.6	-8.2	-8.1	-7.6
Variations with the observer position at spacing:											
S =		1.0H	6.7 / -11.6				6.7 / -11.6				
		1.5H	9.6 / -12.2				9.6 / -12.2				
		2.0H	11.5 / -12.6				11.5 / -12.6				