Design iGuzzini iGuzzini

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Product configuration: QK93 QK93: Minimal 2 cells - Flood - LED



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#### Product code

QK93: Minimal 2 cells - Flood - LED

#### Technical description

Linear miniaturised recessed luminaire with 2 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised, thermoplastic, high definition OptiBeam reflector, integrated in a set-back position in the anti-glare screen. Connecting cable supplied. Ballast not included, available with separate code. High colour rendering LED.

#### Installation

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Colour Weight (Kg) White (01) | Black (04) 0.1



wall recessed|ceiling recessed|ceiling surface

Wiring
Constant current ballasts to be ordered separately: ON-OFF - code no. MXF9; DALI dimmable - code no. BZM4 - check the instruction sheet for the operating current setting and the compatible length and cross sections of the cables to be used.







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Complies with EN60598-1 and pertinent regulations







### Technical data

Im system:	307	CRI (typical):	97		
W system:	4.2	Colour temperature [K]:	3000		
Im source:	370	MacAdam Step:	3		
W source:	4.2	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	73	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	83	assemblies:			
[%]: Beam angle [°]:	32°	LED current [mA]:	700		

### Polar

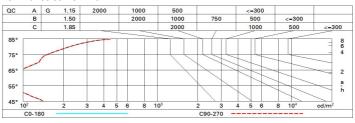
CRI (minimum):

Imax=1030 cd	CIE	Lux			
90° 180° 90	nL 0.83 100-100-100-100-83 UGR <10-<10	h	d	Em	Emax
	DIN A.61	1	0.6	800	1030
	0.83A+0.00T F"1=999	2	1.1	200	257
1000	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	3	1.7	89	114
	LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @	965° 4	2.3	50	64

# **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	78	77	76	73	89
2.0	84	83	81	80	81	80	79	77	93
2.5	86	85	84	83	83	82	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	87	87	86	85	83	100

## Luminance curve limit



Corre	ected UC	R values	e (at 370	Im bare	lamp lui	mino us f	lux)					
Rifled	ct.:											
ceil/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. Room dim		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.2	
		viewed					viewed					
X	У	crosswise					endwise					
2H	2H	-3.0	-2.4	-2.7	-2.2	-2.0	-3.0	-2.4	-2.7	-2.2	-2.	
	ЗН	-3.0	-2.6	-2.7	-2.3	-2.0	-3.1	-2.6	-2.8	-2.4	-2.	
	4H	-3.1	-2.6	-2.7	-2.3	-2.0	-3.1	-2.7	-2.8	-2.4	-2.	
	бН	-3.0	-2.6	-2.7	-2.3	-2.0	-3.2	-2.8	-2.9	-2.5	-2.	
	HS	-3.0	-2.6	-2.6	-2.3	-1.9	-3.2	-2.9	-2.9	-2.5	-2.	
	12H	-2.9	-2.5	-2.5	-2.2	-1.8	-3.3	-2.9	-2.9	-2.6	-2.2	
4H	2H	-3.1	-2.7	-2.8	-2.4	-2.1	-3.1	-2.6	-2.7	-2.3	-2.	
	ЗН	-3.2	-2.8	-2.8	-2.5	-2.2	-3.1	-2.8	-2.8	-2.4	-2.	
	4H	-3.2	-2.9	-2.8	-2.5	-2.1	-3.2	-2.9	-2.8	-2.5	-2.	
	6H	-3.1	-2.8	-2.7	-2.4	-2.0	-3.2	-3.0	-2.8	-2.6	-2.	
	8H	-3.0	-2.7	-2.6	-2.3	-1.9	-3.3	-3.0	-2.8	-2.6	-2.2	
	12H	-2.8	-2.5	-2.3	-2.1	-1.7	-3.3	-3.1	-2.8	-2.6	-2.2	
нв	4H	-3.3	-3.0	-2.8	-2.6	-2.2	-3.0	-2.7	-2.6	-2.3	-13	
	6H	-3.1	-2.9	-2.6	-2.4	-1.9	-2.9	-2.7	-2.5	-2.3	-1.8	
	HS	-2.9	-2.7	-2.4	-2.2	-1.7	-2.9	-2.7	-2.4	-2.2	-1.	
	12H	-2.5	-2.4	-2.0	-1.9	-1.4	-2.8	-2.7	-2.3	-2.2	-1.	
12H	4H	-3.3	-3.1	-2.8	-2.6	-2.2	-2.8	-2.5	-2.3	-2.1	-1.	
	бН	-3.1	-2.9	-2.6	-2.4	-1.9	-2.6	-2.5	-2.2	-2.0	-1.5	
	HS	-2.8	-2.7	-2.3	-2.2	-1.7	-2.5	-2.4	-2.0	-1.9	-1.	
Varia	tions wi	th the ot	serverp	osition a	at spacin	ıg:						
S =	1.0H	5.6 / -3.8					5.6 / -3.8					
	1.5H		8.3 / -4.0					8	3.3 / -4.	.0		
	2.0H			10.3 / -4.1					0.3 / -4			

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