Design iGuzzini

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adjustable luminaire - Ø 96 mm - warm white - flood optic - minimal

#### Product code

Q988

#### Technical description

Round adjustable luminaire designed to use an LED lamp with C.O.B.technology in a warm white colour tone 2700K CRI 90. Version without rim for mounting flush with ceiling. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

#### Installation

Installation flush with the ceiling is for false ceilings 12.5 mm thick



#### Dimension (mm) Ø93x134

#### Colour

Aluminium (12)

## Weight (Kg)

0.49

#### Mounting

ceiling recessed

## Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations













#### Product configuration: Q988

#### Product characteristics

Total lighting output [Lm]: 579 Total power [W]: 16.3 Luminous efficacy [Lm/W]: 35.5

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

Number of optical assemblies: 1

## Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 40 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 14 Nominal luminous [Lm]: 1450 Lamp maximum intensity [cd]: /

Beam angle [°]: 35°

Number of lamps for optical assembly: 1

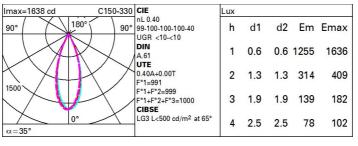
Socket:

Ballast losses [W]: 2.3 Colour temperature [K]: 2700

CRI: 90

Wavelength [Nm]: / MacAdam Step: 2

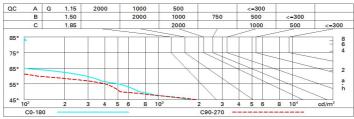
#### Polar



#### Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	36	34	33	32	34	33	32	31	78
1.0	38	36	35	34	35	34	34	33	82
1.5	39	38	37	36	38	37	36	35	88
2.0	41	40	39	38	39	39	38	37	93
2.5	41	41	40	40	40	40	39	38	96
3.0	42	41	41	41	41	40	40	39	98
4.0	42	42	42	42	41	41	41	40	99
5.0	43	42	42	42	42	42	41	40	100

# Luminance curve limit



Corre	ected UC	R value:	s (at 145	0 Im bar	e lamp li	eu oni mu	flux)						
Rifle	ct.:												
ceil/cav walls work pl. Room dim x y		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 0.20	0.30	0.30 0.20	0.50 0.20	0.30	0.50	0.30 0.20	0.30		
												viewed crosswise	
		2H	2H	4.0	4.6	4.3	4.8	5.1	4.4	5.0	4.7		
			ЗН	3.9	4.4	4.2	4.7	4.9	4.3	4.8	4.6	5.1	5.4
4H	3.8		4.3	4.2	4.6	4.9	4.3	4.7	4.6	5.0	5.3		
бН	3.8		4.2	4.1	4.5	4.8	4.2	4.6	4.5	4.9	5.2		
нв	3.7		4.1	4.1	4.5	4.8	4.1	4.5	4.5	4.9	5.3		
12H	3.7		4.1	4.1	4.4	4.8	4.1	4.5	4.5	4.8	5.2		
4H	2H	3.8	4.3	4.2	4.6	4.9	4.2	4.7	4.6	5.0	5.3		
	ЗН	3.7	4.1	4.1	4.4	4.8	4.1	4.5	4.5	4.8	5.2		
	4H	3.6	4.0	4.0	4.3	4.7	4.0	4.4	4.4	4.7	5.		
	бН	3.5	3.8	4.0	4.2	4.6	3.9	4.2	4.3	4.6	5.0		
	H8	3.5	3.8	3.9	4.2	4.6	3.9	4.2	4.3	4.6	5.0		
	12H	3.4	3.7	3.9	4.1	4.6	3.8	4.1	4.3	4.5	5.0		
8Н	4H	3.5	3.8	3.9	4.2	4.6	3.9	4.2	4.3	4.6	5.0		
	бН	3.4	3.6	3.9	4.1	4.5	3.8	4.0	4.3	4.5	4.9		
	HS	3.3	3.5	3.8	4.0	4.5	3.7	3.9	4.2	4.4	4.9		
	12H	3.3	3.5	3.8	4.0	4.5	3.7	3.9	4.2	4.3	4.9		
12H	4H	3.4	3.7	3.9	4.1	4.6	3.8	4.1	4.3	4.5	5.0		
	бН	3.3	3.5	3.8	4.0	4.5	3.7	3.9	4.2	4.4	4.9		
	H8	3.3	3.5	3.8	3.9	4.5	3.7	3.9	4.2	4.3	4.9		
Varia	tions wi	th the ol	bserver	noitieo	at spacir	ng:							
S =	1.0H	5.3 / -10.0					5.0 / -11.3						
	1.5H	8.0 / -12.5					7.8 / -17.1						
	2.0H	10.0 / -15.8					9.8 / -17.3						