

Design iGuzzini iGuzzini

**Product configuration: EK63.83**

Product code

### Technical description

## Installation

**Colour**

Weight (Kg)

## Mounting

## Wiring

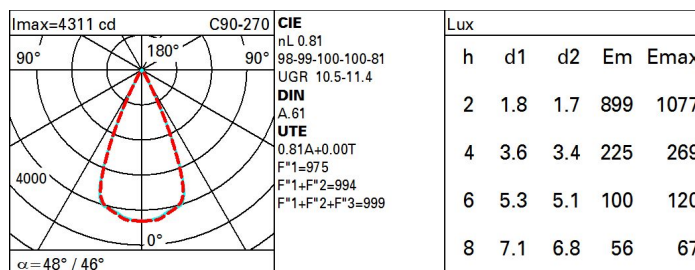
Complies with EN60598-1 and pertinent regulations



## Technical data

Im system:	2430	CRI (typical):	82
W system:	23.2	Colour temperature [K]:	4000
Im source:	3000	MacAdam Step:	3
W source:	20	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	104.7	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 [°]:	48° / 46°	Control:	DALI-2
CRI (minimum):	80		

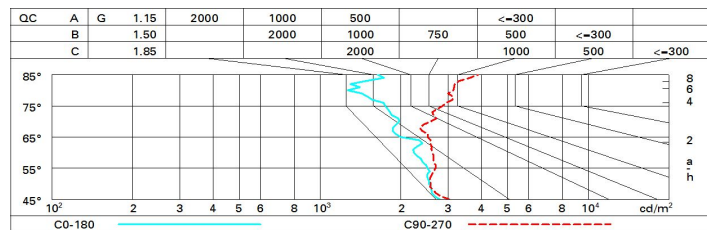
## Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	66	63	68	65	65	62	77
1.0	76	72	69	68	71	69	69	66	81
1.5	80	77	75	73	76	74	73	71	87
2.0	82	80	79	77	79	78	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	82	81	79	97
4.0	86	85	84	84	84	83	82	80	99
5.0	86	86	85	85	84	84	83	81	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.0	10.5	10.2	10.7	10.9	10.5	11.0	10.8	11.3	11.5
	3H	10.1	10.5	10.4	10.8	11.1	10.6	11.0	10.9	11.3	11.6
	4H	10.1	10.6	10.5	10.8	11.1	10.6	11.0	10.9	11.3	11.6
	6H	10.2	10.5	10.5	10.9	11.2	10.5	10.9	10.9	11.2	11.5
	8H	10.1	10.5	10.5	10.9	11.2	10.5	10.9	10.8	11.2	11.5
	12H	10.1	10.5	10.5	10.8	11.2	10.5	10.8	10.8	11.2	11.5
4H	2H	10.0	10.5	10.4	10.7	11.0	11.0	11.4	11.3	11.7	12.0
	3H	10.3	10.6	10.6	11.0	11.3	11.2	11.6	11.6	11.9	12.3
	4H	10.4	10.7	10.8	11.1	11.5	11.3	11.7	11.7	12.0	12.4
	6H	10.5	10.7	10.9	11.1	11.6	11.4	11.7	11.8	12.0	12.5
	8H	10.5	10.7	10.9	11.1	11.6	11.4	11.6	11.8	12.0	12.5
	12H	10.5	10.7	10.9	11.1	11.6	11.3	11.6	11.8	12.0	12.4
8H	4H	10.4	10.7	10.9	11.1	11.6	11.8	12.1	12.2	12.5	12.9
	6H	10.6	10.8	11.0	11.2	11.7	12.0	12.2	12.4	12.6	13.1
	8H	10.6	10.8	11.1	11.3	11.7	12.0	12.2	12.5	12.7	13.2
	12H	10.6	10.8	11.1	11.3	11.8	12.0	12.2	12.5	12.7	13.2
12H	4H	10.4	10.7	10.9	11.1	11.6	11.9	12.2	12.4	12.6	13.1
	6H	10.6	10.8	11.1	11.2	11.7	12.2	12.4	12.7	12.8	13.3
	8H	10.6	10.8	11.1	11.3	11.8	12.3	12.4	12.8	12.9	13.4
Variations with the observer position at spacing:											
S =		1.0H					2.8 / -2.7				
		1.5H					4.7 / -3.1				
		2.0H					6.5 / -3.8				
							1.7 / -1.8				
							3.2 / -2.0				
							4.8 / -2.5				