

Design iGuzzini iGuzzini

Product configuration: MK54.83

Product code

Technical description

Installation

Colour

Weight (Kg)

Mounting

Wiring

Complies with EN60598-1 and pertinent regulations



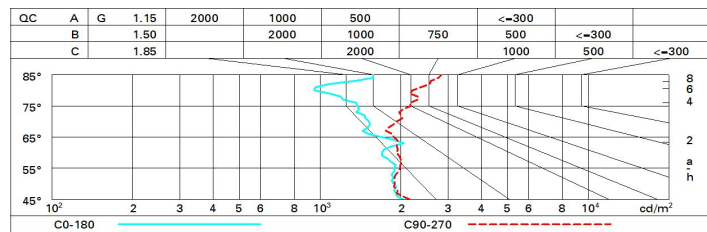
Im system:	1782	CRI (typical):	92
W system:	23.4	Colour temperature [K]:	3000
Im source:	2200	MacAdam Step:	3
W source:	20	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	76.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total 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 [°]:	46°	Control:	DALI-2
CRI (minimum):	90		

	imax=3290 cd C90-270 CIE nL 0.81 97-99-100-100-81 UGR <10-10.3 DIN A.61 UTE 0.81A+0.00T F*1=975 F*1+F*2=993 F*1+F*2+F*3=999 CBSE LG3 L<3000 cd/m² at 65° UGR<16 L<3000 cd/mq @65°	Lux h d1 d2 Em Emax 2 1.7 1.7 683 822 4 3.4 3.4 171 206 6 5.2 5.1 76 91 8 6.9 6.8 43 51
	α=47°	

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 2200 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	8.7	9.2	9.0	9.4	9.7	9.5	10.0	9.7	10.2	10.4
	3H	8.9	9.3	9.2	9.6	9.9	9.5	10.0	9.8	10.2	10.5
	4H	9.0	9.4	9.3	9.7	10.0	9.5	9.9	9.8	10.2	10.5
	6H	9.0	9.4	9.4	9.7	10.0	9.5	9.8	9.8	10.2	10.5
	8H	9.0	9.4	9.4	9.7	10.0	9.4	9.8	9.8	10.1	10.5
	12H	9.0	9.4	9.4	9.7	10.1	9.4	9.8	9.8	10.1	10.4
4H	2H	8.8	9.2	9.1	9.5	9.8	9.9	10.4	10.3	10.6	10.9
	3H	9.1	9.5	9.5	9.8	10.2	10.2	10.6	10.6	10.9	11.3
	4H	9.3	9.6	9.7	10.0	10.4	10.3	10.6	10.7	11.0	11.4
	6H	9.4	9.7	9.8	10.1	10.5	10.4	10.6	10.8	11.0	11.5
	8H	9.4	9.7	9.8	10.1	10.5	10.3	10.6	10.8	11.0	11.5
	12H	9.4	9.7	9.9	10.1	10.6	10.3	10.5	10.8	11.0	11.4
8H	4H	9.4	9.6	9.8	10.0	10.5	10.8	11.0	11.2	11.4	11.9
	6H	9.5	9.7	10.0	10.2	10.7	11.0	11.2	11.4	11.6	12.1
	8H	9.6	9.8	10.1	10.2	10.7	11.0	11.2	11.5	11.6	12.1
	12H	9.7	9.8	10.2	10.3	10.8	11.0	11.2	11.5	11.6	12.2
12H	4H	9.4	9.6	9.8	10.0	10.5	10.9	11.2	11.4	11.6	12.1
	6H	9.5	9.7	10.0	10.2	10.7	11.2	11.4	11.7	11.8	12.3
	8H	9.6	9.8	10.1	10.2	10.8	11.3	11.4	11.8	11.9	12.4
Variations with the observer position at spacing:											
S =	1.0H	2.5 / -2.4					1.7 / -1.7				
	1.5H	4.1 / -2.7					3.0 / -2.0				
	2.0H	5.8 / -3.5					4.5 / -2.4				