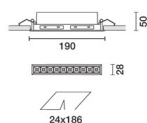


Design iGuzzini iGuzzini

**Product configuration: Q511**  
Q511: Frame 10 cells - Medium beam - LED



Q511: Frame 10 cells - Medium beam - LED

Linear miniaturised recessed luminaire with 10 optical elements for LED lamps - fixed optics. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen. Supplied with a power supply unit connected to the luminaire.

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 186.

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)\* | Grey / Black (74)\* | White / burnished chrome (E7)\*

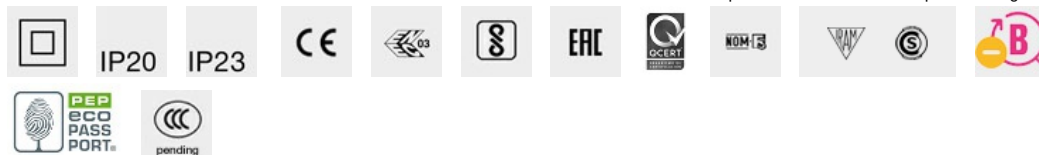
## 0.55

\* Colours on request

wall recessed|ceiling recessed

On the power supply unit with terminal board included.

Complies with EN60598-1 and pertinent regulations



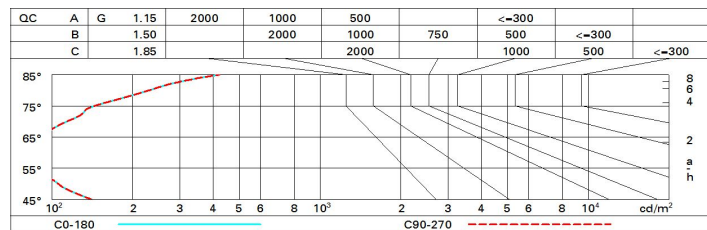
Im system:	1383	Colour temperature [K]:	2700
W system:	23.1	MacAdam Step:	2
Im source:	1750	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	20	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	59.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	25°	Control:	DALI-2
CRI (minimum):	90		

<p> <math>\alpha = 24^\circ</math>  <math>I_{max} = 6387 \text{ cd}</math>  <math>nL 0.79</math>  <math>100-100-100-100-79</math>  <math>UGR &lt; 10-10</math>  <b>DIN</b>  <math>A_{61}</math>  <b>UTE</b>  <math>0.79A + 0.00T</math>  <math>F^*1 = 999</math>  <math>F^*1 + F^*2 = 1000</math>  <math>F^*1 + F^*2 + F^*3 = 1000</math>  <b>CIBSE</b>  <math>LG3 \text{ } L &lt; 1500 \text{ cd/m}^2 \text{ at } 65^\circ</math>  <math>UGR &lt; 10 \text{ } L &lt; 1500 \text{ cd/m}^2 \text{ at } 65^\circ</math> </p>	Lux			
	h	d	Em	E <sub>max</sub>
	2	0.9	1326	1597
	4	1.7	331	399
	6	2.6	147	177
8	3.4	83	100	

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	70	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1750 lm bare lamp luminous flux)										
Reflect.: ceiling/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
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise			
2H	2H	2.8	4.9	3.2	5.3	5.0	2.8	4.9	3.2	5.3
	3H	2.7	4.3	3.0	4.6	5.0	2.7	4.3	3.0	4.6
	4H	2.6	4.0	3.0	4.3	4.6	2.6	3.9	3.0	4.3
	6H	2.6	3.6	3.0	3.9	4.3	2.6	3.6	3.0	3.9
	8H	2.5	3.6	2.9	3.9	4.3	2.5	3.5	2.9	3.9
	12H	2.5	3.5	2.9	3.9	4.3	2.5	3.5	2.9	3.9
4H	2H	2.6	3.9	3.0	4.3	4.6	2.6	4.0	3.0	4.3
	3H	2.5	3.5	2.9	3.9	4.2	2.5	3.5	2.9	3.9
	4H	2.4	3.4	2.8	3.8	4.2	2.4	3.4	2.8	3.8
	6H	2.0	3.7	2.5	4.1	4.6	2.0	3.7	2.5	4.1
	8H	1.9	3.8	2.4	4.2	4.7	1.9	3.8	2.4	4.2
	12H	1.8	3.8	2.3	4.3	4.8	1.8	3.7	2.3	4.2
8H	4H	1.9	3.8	2.4	4.2	4.7	1.9	3.8	2.4	4.2
	6H	1.8	3.6	2.3	4.1	4.6	1.8	3.6	2.3	4.1
	8H	1.8	3.4	2.3	3.9	4.4	1.8	3.4	2.3	3.9
	12H	2.0	3.0	2.5	3.5	4.0	1.9	3.0	2.5	3.5
12H	4H	1.8	3.7	2.3	4.2	4.7	1.8	3.8	2.3	4.3
	6H	1.8	3.3	2.3	3.8	4.4	1.8	3.4	2.3	3.9
	8H	1.9	3.0	2.5	3.5	4.0	2.0	3.0	2.5	3.5
Variations with the observer position at spacing:										
S =		1.0H	6.9 / -11.5				6.9 / -11.5			
		1.5H	9.7 / -11.7				9.7 / -11.7			
		2.0H	11.7 / -11.8				11.7 / -11.8			