

Underscore X26

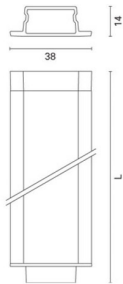
Design iGuzzini

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Last information update: June 2023

Product configuration: M887

M887: X26 recessed 250 High Flux



Product code

M887: X26 recessed 250 High Flux **Attention! Code no longer in production**

Technical description

Rigid-profile product for linear LED lighting, designed to be recessed. Extruded aluminium bar structure with contact frame. Diffusing opal polycarbonate linear screen. Moulded polycarbonate sides and end closing caps. The product has contact springs for recessed application in blind holes (shelves). Use the accessory springs for insertion in supports with through holes. Version with 3 LED 24Vdc high emission module (total 3W) - white colour, warm white tone (3100K) colour rendering index - CRI 95 (recommended for use in museums). Ballast not included

Installation

Pressed into blind hole previously prepared, using contact springs supplied with the luminaire. For applications with through holes, remove the contact springs and use the accessory kit (MWK3) for standard recessed fixing (1 to 30 mm false ceilings)

Colour

Clear transparent (24) | Aluminium (12)

Mounting

wall surface|ceiling surface

Wiring

Constant voltage ballasts to be ordered separately: electronic 50W 24V (MWK4) - electronic 70W 24V dimmable 1-10V (MWK5). Power supply end cap with cable (MWK1 - for connection to the ballast); intermediate power supply cap with cable (MWK2 - for connection between modules)

Notes

For fixing, connections and power supply, use the components available with a separate code.

Complies with EN60598-1 and pertinent regulations



IP40

CE



Technical data

Im system:	106	Colour temperature [K]:	3000
W system:	3.7	Life Time LED 1:	50,000h - L70 - B20 (Ta 25°C)
Im source:	210	Ballast losses [W]:	0.5
W source:	3.2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	28.5	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	50	LED current [mA]:	350
CRI (minimum):	95		

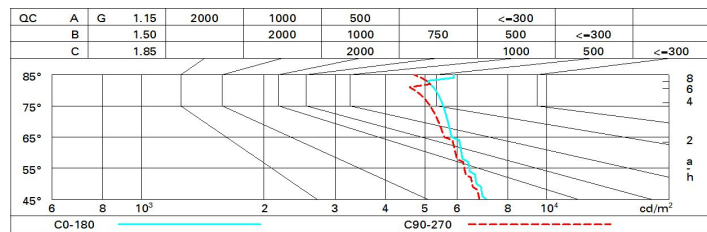
Polar

lmax=45 cd				C0-180		CIE		Lux					
90°				180°		nL 0.50		h		d1	d2	Em	Emax
						51-81-96-100-50		1		2.1	2.1	28	45
						UGR 22.6-21.8		2		4.3	4.3	7	11
						DIN		3		6.4	6.4	3	5
						A.41		4		8.6	8.6	2	3
						UTE							
						0.50D+0.00T							
						F*1=514							
						F*1+F*2=809							
						F*1+F*2+F*3=958							
α=94°													

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	34	29	25	22	28	25	24	21	42
1.0	37	32	29	26	32	28	28	25	49
1.5	42	38	35	33	37	35	34	31	62
2.0	45	42	39	37	41	39	38	35	70
2.5	47	44	42	40	43	41	41	38	76
3.0	48	46	44	42	45	43	42	40	79
4.0	50	48	46	45	47	45	45	42	84
5.0	51	49	48	47	48	47	46	44	87

Luminance curve limit



UGR diagram

Corrected UGR values (at 217 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	18.7	19.8	19.0	20.1	20.4	18.5	19.7	18.9	20.0	20.2
	3H	20.2	21.2	20.5	21.5	21.8	19.0	20.1	19.4	20.4	20.7
	4H	20.8	21.8	21.2	22.1	22.5	19.2	20.2	19.6	20.5	20.8
	6H	21.4	22.3	21.8	22.6	23.0	19.3	20.2	19.7	20.5	20.9
	8H	21.6	22.5	22.0	22.8	23.2	19.3	20.2	19.7	20.5	20.9
	12H	21.8	22.6	22.2	23.0	23.3	19.3	20.1	19.7	20.5	20.9
4H	2H	19.3	20.3	19.6	20.6	20.9	20.5	21.5	20.8	21.8	22.1
	3H	21.0	21.8	21.4	22.2	22.5	21.2	22.0	21.6	22.4	22.7
	4H	21.7	22.5	22.1	22.9	23.3	21.5	22.2	21.9	22.6	23.0
	6H	22.4	23.0	22.8	23.4	23.9	21.7	22.4	22.2	22.8	23.2
	8H	22.6	23.2	23.1	23.7	24.1	21.8	22.4	22.2	22.8	23.3
	12H	22.9	23.4	23.3	23.8	24.3	21.8	22.4	22.3	22.8	23.3
8H	4H	22.0	22.6	22.4	23.0	23.5	22.2	22.8	22.7	23.2	23.7
	6H	22.8	23.3	23.3	23.7	24.2	22.6	23.1	23.1	23.6	24.0
	8H	23.1	23.5	23.6	24.0	24.5	22.8	23.2	23.3	23.7	24.2
	12H	23.4	23.8	23.9	24.3	24.8	22.9	23.3	23.4	23.8	24.3
12H	4H	22.0	22.6	22.5	23.0	23.5	22.3	22.9	22.8	23.3	23.8
	6H	22.8	23.3	23.3	23.7	24.2	22.8	23.2	23.3	23.7	24.2
	8H	23.2	23.6	23.7	24.1	24.6	23.0	23.4	23.5	23.8	24.4
Variations with the observer position at spacing:											
S =		1.0H					0.1 / -0.1				
		1.5H					0.2 / -0.3				
		2.0H					0.5 / -0.6				