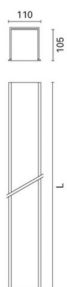


Last information update: May 2024

Product configuration: M451+M492.01+L040

M451: Frame version extruded aluminium initial profile

M492.01: Folded sheet steel lamp holder plate - White



Product code

M451: Frame version extruded aluminium initial profile **Attention! Code no longer in production**

Technical description

Frame version extruded aluminium initial profile complete with direct joints; methacrylate opal screen set up for connecting several lengths by overlapping; set up for housing a wired plate 21/39W T16

Installation

Fitted in continuous rows. Installation is recessed, using suitable brackets included in the pack

Colour

White (01) | Aluminium (12)

Weight (Kg)

2.71

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

Initial profiles are supplied with 7-pole pass-through wiring for continuous rows. Quick coupling terminal blocks for easier luminaire installation

Notes

Order composition and continuous row configuration can be found in the catalogue. Wiring, plates, end cap sets and fixing accessories must be ordered separately.

Complies with EN60598-1 and pertinent regulations

850°C



Product code

M492.01: Folded sheet steel lamp holder plate - White **Attention! Code no longer in production**

Technical description

Folded sheet steel lamp holder plate with wiring set up for overlapping of 2 T16 tubular lamps.

Colour

Aluminium (12)

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

Electronic multiwatt DALI 2x21W T16

Notes

Order composition and continuous row configuration can be found in the catalogue. Wiring, plates, end cap sets and fixing accessories must be ordered separately. For information on wattage of recessed applications please refer to the instructions sheet

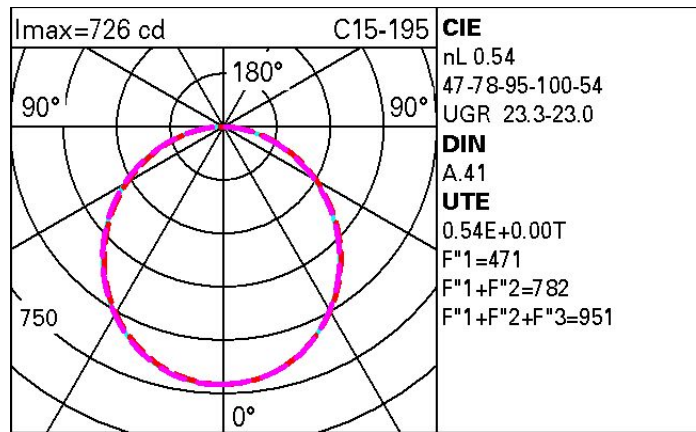
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	2042	CRI:	86
W system:	48	Colour temperature [K]:	4000
Im source:	1900	Voltage [Vin]:	230
W source:	21	Lamp code:	L040
Luminous efficiency (Im/W, real value):	42.5	Socket:	G5
Im in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1

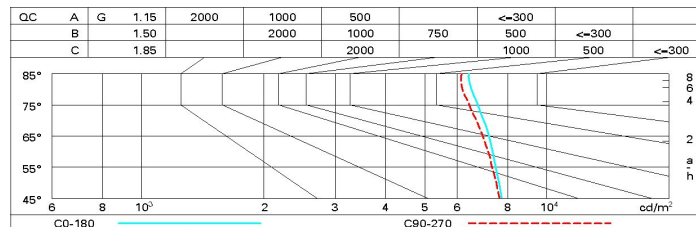
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	35	29	25	22	29	25	25	21	39
1.0	39	33	29	26	33	29	29	25	46
1.5	44	40	36	34	39	36	35	32	59
2.0	48	44	41	39	43	40	40	36	68
2.5	50	47	44	42	45	43	43	39	73
3.0	51	48	46	44	47	45	44	42	78
4.0	53	51	49	47	49	48	47	44	83
5.0	54	52	50	49	51	49	49	46	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 3800 lm bare lamp luminous flux)											
Reflect.:											
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	19.3	20.5	19.6	20.8	21.0	19.5	20.7	19.8	20.9	21.2
	3H	20.9	21.9	21.2	22.2	22.5	20.0	21.0	20.3	21.3	21.6
	4H	21.5	22.5	21.8	22.8	23.1	20.2	21.2	20.5	21.5	21.8
	6H	21.9	22.9	22.3	23.2	23.5	20.3	21.2	20.6	21.5	21.9
	8H	22.1	23.0	22.5	23.3	23.7	20.3	21.2	20.7	21.5	21.9
	12H	22.2	23.0	22.6	23.4	23.8	20.2	21.1	20.6	21.5	21.8
4H	2H	20.0	21.0	20.4	21.3	21.7	21.7	22.7	22.0	23.0	23.3
	3H	21.7	22.6	22.1	23.0	23.3	22.4	23.2	22.8	23.6	24.0
	4H	22.5	23.2	22.9	23.6	24.0	22.7	23.4	23.1	23.8	24.2
	6H	23.1	23.7	23.5	24.1	24.6	22.9	23.6	23.4	24.0	24.4
	8H	23.3	23.9	23.7	24.3	24.7	23.0	23.6	23.5	24.0	24.5
	12H	23.4	23.9	23.8	24.4	24.8	23.0	23.6	23.5	24.0	24.5
8H	4H	22.8	23.4	23.2	23.8	24.3	23.5	24.2	24.0	24.6	25.0
	6H	23.5	24.0	24.0	24.5	25.0	23.9	24.5	24.4	24.9	25.4
	8H	23.8	24.2	24.3	24.7	25.2	24.1	24.5	24.6	25.0	25.5
	12H	24.0	24.4	24.5	24.9	25.4	24.2	24.6	24.7	25.1	25.6
12H	4H	22.8	23.4	23.3	23.8	24.3	23.7	24.3	24.2	24.7	25.2
	6H	23.6	24.0	24.1	24.5	25.0	24.1	24.6	24.6	25.1	25.6
	8H	23.9	24.3	24.4	24.8	25.3	24.3	24.7	24.8	25.2	25.7
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.2 / -0.4					0.2 / -0.3				
	2.0H	0.4 / -0.5					0.4 / -0.5				