

Last information update: May 2024

Product configuration: M435+M493.01+L042

M435: Minimal version extruded aluminium initial

M493.01: Folded sheet steel lamp holder plate - White

**Product code**

M435: Minimal version extruded aluminium initial **Attention! Code no longer in production**

Technical description

Minimal version extruded aluminium initial profile complete with direct joints; methacrylate opal screen set up for connecting several lengths by overlapping; set up for housing 2 wired plates 28/54W T16

Installation

Fitted in continuous rows. Installation can be recessed, wall-mounted, ceiling-mounted and pendant using suitable accessories

Colour

Aluminium (12)

Weight (Kg)

6.15

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**

M493.01: 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

White (01)

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

Electronic multiwatt DALI 2x28W 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**

lm system: 5874

W system: 128

lm source: 2600

W source: 28

Luminous efficiency (lm/W, real value): 45.9

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 1

Light Output Ratio (L.O.R.) [%]: 56

CRI: 86

Colour temperature [K]: 4000

Voltage [Vin]: 230

Lamp code: L042

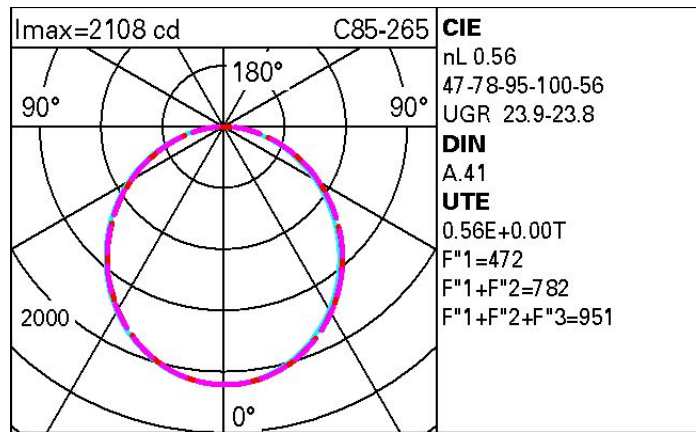
Socket: G5

Number of lamps for optical assembly: 4

ZVEI Code: T 16

Number of optical assemblies: 1

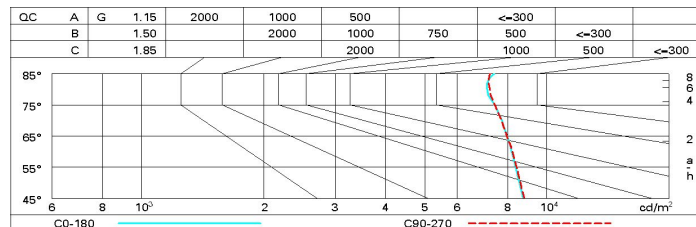
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	37	31	27	24	30	26	26	22	39
1.0	41	35	31	28	34	30	30	26	46
1.5	47	42	38	35	41	38	37	33	59
2.0	50	46	43	41	45	42	42	38	68
2.5	52	49	46	44	48	45	45	41	73
3.0	54	51	49	46	50	48	47	44	78
4.0	55	53	51	50	52	50	49	47	83
5.0	56	55	53	52	53	52	51	48	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 10400 lm bare lamp luminous flux)											
Reflect.: ceiling 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	0.30
		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
		viewed crosswise					viewed endwise				
2H	2H	19.9	21.1	20.2	21.3	21.6	20.1	21.3	20.4	21.6	21.8
	3H	21.5	22.5	21.8	22.8	23.1	20.6	21.7	21.0	22.0	22.3
	4H	22.1	23.1	22.4	23.4	23.7	20.8	21.8	21.2	22.1	22.5
	6H	22.6	23.5	22.9	23.8	24.2	20.9	21.8	21.3	22.2	22.5
	8H	22.7	23.6	23.1	24.0	24.3	20.9	21.8	21.3	22.2	22.5
	12H	22.9	23.7	23.3	24.1	24.4	20.9	21.7	21.3	22.1	22.5
4H	2H	20.6	21.6	20.9	21.9	22.2	22.4	23.4	22.8	23.7	24.1
	3H	22.3	23.2	22.7	23.5	23.9	23.1	24.0	23.5	24.3	24.7
	4H	23.1	23.8	23.5	24.2	24.6	23.5	24.2	23.9	24.6	25.0
	6H	23.7	24.4	24.1	24.8	25.2	23.7	24.4	24.1	24.8	25.2
	8H	23.9	24.5	24.4	24.9	25.4	23.8	24.4	24.2	24.8	25.3
	12H	24.1	24.6	24.5	25.1	25.5	23.8	24.4	24.3	24.8	25.3
8H	4H	23.4	24.0	23.8	24.4	24.9	24.4	25.0	24.9	25.5	25.9
	6H	24.1	24.6	24.6	25.1	25.6	24.8	25.3	25.3	25.8	26.3
	8H	24.4	24.9	24.9	25.4	25.9	25.0	25.4	25.5	25.9	26.4
	12H	24.7	25.1	25.2	25.6	26.1	25.1	25.5	25.6	26.0	26.5
12H	4H	23.4	24.0	23.9	24.4	24.9	24.6	25.2	25.1	25.6	26.1
	6H	24.2	24.6	24.7	25.1	25.6	25.1	25.5	25.6	26.0	26.5
	8H	24.5	24.9	25.0	25.4	25.9	25.3	25.7	25.8	26.2	26.7
Variations with the observer position at spacing:											
S =		1.0H	0.1 / -0.1		0.1 / -0.1						
		1.5H	0.2 / -0.3		0.2 / -0.3						
		2.0H	0.4 / -0.5		0.3 / -0.5						