

Last information update: May 2024

**Product configuration: M455+MM55.01+L044**

M455: Frame version extruded aluminium initial profile

MM55.01: Folded sheet steel lamp holder plate - White



**Product code**

M455: 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 35/49W T16

**Installation**

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

**Colour**

White (01) | Aluminium (12)

**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**

MM55.01: 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 control gear set up for emergency light, complete with inverter and rechargeable battery unit. Terminal blocks set up for REST MODE. Permanent emergency light; 1.5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.

**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

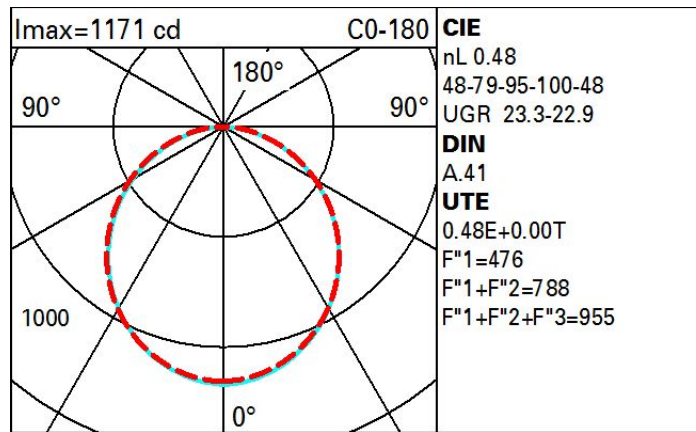
Complies with EN60598-1 and pertinent regulations

CE

**Technical data**

lm system:	3200	CRI:	86
W system:	78	Colour temperature [K]:	4000
lm source:	3300	Voltage [Vin]:	230
W source:	35	Lamp code:	L044
Luminous efficiency (lm/W, real value):	41	Socket:	G5
lm 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.) [%]:	48	Number of optical assemblies:	1

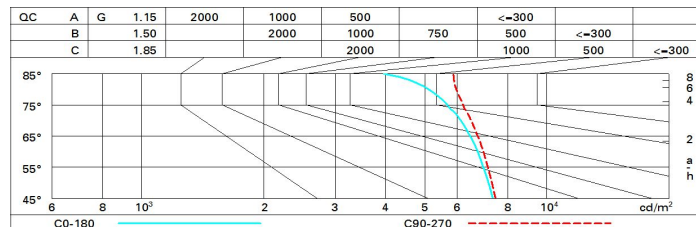
# Polar



## Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	32	27	23	20	26	23	22	19	39
1.0	35	30	27	24	30	26	26	23	47
1.5	40	36	33	31	35	33	32	29	60
2.0	43	40	37	35	39	37	36	33	68
2.5	45	42	40	38	41	39	39	36	74
3.0	46	44	42	40	43	41	40	38	78
4.0	48	46	44	43	45	43	43	40	83
5.0	49	47	46	44	46	45	44	42	86

## Luminance curve limit



# UGR diagram

Corrected UGR values (at 6000 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	0.30
		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	19.4	20.6	19.7	20.8	21.1	19.5	20.6	19.8	20.9	21.2
	3H	20.9	22.0	21.3	22.3	22.6	19.9	21.0	20.3	21.3	21.6
	4H	21.5	22.5	21.9	22.8	23.2	20.1	21.1	20.5	21.4	21.8
	6H	22.0	22.9	22.4	23.3	23.6	20.2	21.1	20.6	21.5	21.8
	8H	22.2	23.0	22.5	23.4	23.7	20.2	21.1	20.6	21.4	21.8
	12H	22.2	23.1	22.6	23.4	23.8	20.2	21.0	20.6	21.4	21.8
4H	2H	20.1	21.1	20.5	21.4	21.7	21.7	22.7	22.0	23.0	23.3
	3H	21.8	22.7	22.2	23.0	23.4	22.3	23.2	22.7	23.5	23.9
	4H	22.5	23.3	23.0	23.7	24.1	22.6	23.4	23.1	23.8	24.2
	6H	23.1	23.8	23.6	24.2	24.6	22.9	23.5	23.3	23.9	24.4
	8H	23.3	23.9	23.8	24.3	24.8	22.9	23.5	23.4	23.9	24.4
	12H	23.4	24.0	23.9	24.4	24.9	22.9	23.5	23.4	23.9	24.4
8H	4H	22.8	23.5	23.3	23.9	24.3	23.5	24.1	23.9	24.5	25.0
	6H	23.6	24.1	24.0	24.5	25.0	23.8	24.3	24.3	24.8	25.3
	8H	23.8	24.3	24.3	24.7	25.2	24.0	24.4	24.5	24.9	25.4
	12H	24.0	24.4	24.5	24.9	25.4	24.1	24.5	24.6	24.9	25.5
12H	4H	22.9	23.4	23.3	23.9	24.3	23.6	24.2	24.1	24.6	25.1
	6H	23.6	24.1	24.1	24.5	25.0	24.0	24.5	24.5	25.0	25.5
	8H	23.9	24.3	24.4	24.8	25.3	24.2	24.6	24.7	25.1	25.6
Variations with the observer position at spacing:											
S =		1.0H	0.1 / -0.1		0.1 / -0.1						
		1.5H	0.3 / -0.4		0.3 / -0.3						
		2.0H	0.4 / -0.5		0.4 / -0.5						