ALUMAX LED MAX

... for extreme temperatures -40 °C to +75 °C.

USE

The light fitting is suitable for indoor and outdoor spaces with roof with extreme ambient temperatures from **(-40 °C to +75 °C)**. The light fitting is destined mainly for heating stations, metallurgical lines, glass-works, as well as for freezers, cooling plants and other premises without danger of explosion of gases, dusts and flammable vapors.

The light fitting is resistant to deformation, dust, spouting water and chemically aggressive environment.

Characteristics of the used tempered glass and its shattering power are controlled by the ČSN EN 12150-1 standard.

ADVANTAGES

- Light fitting protection **IP66**
- Minimum ambient temperature up to t_a **= -40 °C**
- Maximum ambient temperature up to t_a **= 75 °C**
- Lifetime: 50,000 hours / L80B10
- Possibility of using in even higher ambient temperatures under the condition of a shortened service life of the light fitting – parameters solved within a particular project
- Diffuser: satinated tempered safety glass
- Body: grey aluminium profile, surface treated with powder-coated colour
- Up to 45 % lower electricity consumption when compared to tubes T5
- Constant luminous flux even in ambient temperature of -40 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K

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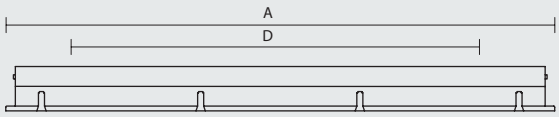
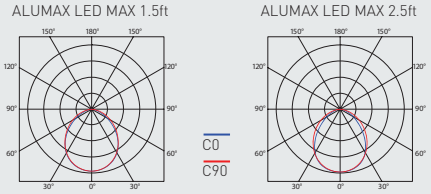
TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Minimum ambient temperature: t_a = -40 °C
- Maximum ambient temperature: t_a = 75 °C
- Lifetime: 50,000 hours / L80B10
- Possibility of using in even higher ambient temperatures under the condition of a shortened service life of the light fitting – parameters solved within a particular project
- Maximum system efficacy: 131 lm/W
- The watt and lumen values can vary by ± 7,5 %
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Diffuser: satinated tempered safety glass
- Body: grey aluminium profile, surface treated with powder-coated colour
- Reflector: steel sheet, white colour (RAL 9003)
- Ventilation plug: type BVPB-01 made of brass, size M12 × 1,5
- Side covers: grey aluminium alloy with plastic side plates for fixation and suspension of glass at assembly, surface treated with powder-coated colour
- Clips: stainless
- Sealing: polyurethane (PUR) in body groove
- Terminal block: screwless, three-pole (basic version)
- Cable glands: brass M18 × 1,5
- Installation: package contains stainless sheet suspension brackets and FeZn sliding hangers
- Electric equipment: LED modules, current driver





Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/ transverse	Net weight [kg]	A [mm]	D [mm]
For ambient temperature up to t_a = 75 °C - body: aluminum profile - diffuser: thermally toughened glass									
ALUMAX LED 1.5ft MAX 4000/840	75	3850	2930	23,3	126	20.6 / 22.2	5,0	1524	1434
ALUMAX LED 1.5ft MAX 5500/840	70	5340	4060	31,9	127	21.8 / 23.3	5,0	1524	1434
ALUMAX LED 2.4ft MAX 6400/840	70	6240	4680	36,3	129	22.6 / 24.6	4,3	1224	1134
ALUMAX LED 2.4ft MAX 8800/840	65	8690	6520	49,7	131	23.8 / 25.8	4,3	1224	1134
ALUMAX LED 2.5ft MAX 8000/840	70	7770	5830	44,4	131	22.6 / 24.6	5,3	1524	1434
ALUMAX LED 2.5ft MAX 11000/840	65	12310	9230	71,1	130	24.2 / 26.2	5,3	1524	1434

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Diffuser: polished thermally toughened glass, stainless clips

Code	Type	1F	3F	M1h	M3h	DALI	DALI 3F
79730	ALUMAX LED 1.5ft MAX 4000/840	79731	79733	x	x	79735	79736
79700	ALUMAX LED 1.5ft MAX 5500/840	79701	79703	x	x	79705	79706
79740	ALUMAX LED 2.4ft MAX 6400/840	79741	79743	x	x	79745	79746
79710	ALUMAX LED 2.4ft MAX 8800/840	79711	79713	x	x	79715	79716
79750	ALUMAX LED 2.5ft MAX 8000/840	79751	79753	x	x	79755	79756
79720	ALUMAX LED 2.5ft MAX 11000/840	79721	79723	x	x	79725	79726

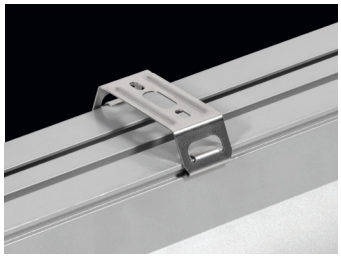
Example of type marking: 79713 = ALUMAX LED MAX 2.4ft 8800/840 **3F**

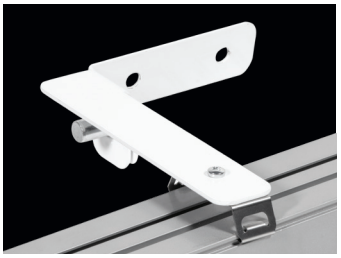
LEGEND

DALI – version with digital dimmable driver DALI
1F – 1 phase wiring cables for through-wiring
3F – 3 phase wiring cables for through-wiring

LIGHT FITTING ATTACHMENT

a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) To a ceiling or a wall with the use of FeZn sliding hangers in body groove
c) Attachment with the use of side hangers to the wall





LIGHT FITTING DETAILED VIEW

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