

ALUMAX LED MAX



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

USE

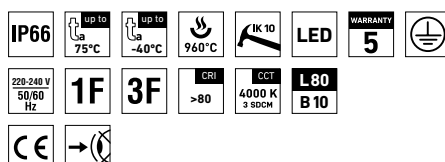
The light fitting is suitable for indoor and outdoor spaces with roof with extreme ambient temperatures from **(-40 °C to +75 °C)**. The light fitting is destined mainly for heating stations, metallurgical lines, glass-works, as well as for freezers, cooling plants and other premises without danger of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

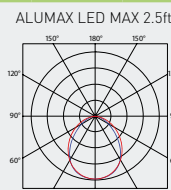
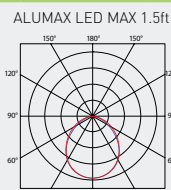
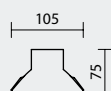
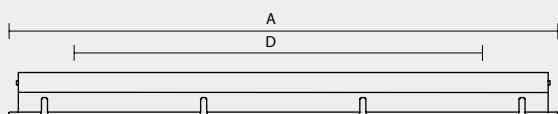


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TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Minimum ambient temperature: $t_a = -40^\circ\text{C}$
- Maximum ambient temperature: $t_a = 75^\circ\text{C}$
- 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: 128 lm/W
- The watt and lumen values can vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Diffuser: tempered 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 \times 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 \times 1,5
- Installation: package contains stainless sheet suspension brackets and FeZn sliding hangers
- Electric equipment: LED modules, current driver



Code	Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
For ambient temperature up to $t_a = 75^\circ\text{C}$ - body: aluminum profile - diffuser: thermally toughened glass									
79730	ALUMAX LED 1.5ft MAX 4000/840	75	3880	2950	24	123	5,0	1524	1434
79700	ALUMAX LED 1.5ft MAX 5500/840	70	5420	4120	33	125	5,0	1524	1434
79740	ALUMAX LED 2.4ft MAX 6400/840	70	6260	4700	37	127	4,3	1224	1134
79710	ALUMAX LED 2.4ft MAX 8800/840	65	8710	6530	51	128	4,3	1224	1134
79750	ALUMAX LED 2.5ft MAX 8000/840	70	7750	5810	46	126	5,3	1524	1434
79720	ALUMAX LED 2.5ft MAX 11000/840	65	12050	9040	71	127	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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