

# 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.

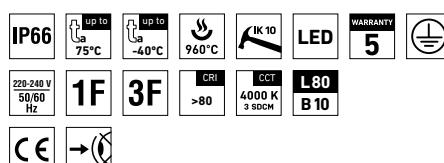
The light fitting is resistant to deformation, dust, spouting water and chemically aggressive environment.

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<sub>a</sub> = -40 °C**
- Maximum ambient temperature up to **t<sub>a</sub> = 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



## ALUMAX LED MAX



## 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: 135 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- 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 x 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 x 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]	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								
ALUMAX LED 1.5ft MAX 4000/840	75	4080	3100	23,8	130	5,0	1524	1434
ALUMAX LED 1.5ft MAX 5500/840	70	5580	4240	33,6	126	5,0	1524	1434
ALUMAX LED 2.4ft MAX 6400/840	70	6660	5000	37,1	135	4,3	1224	1134
ALUMAX LED 2.4ft MAX 8800/840	65	9080	6810	52,7	129	4,3	1224	1134
ALUMAX LED 2.5ft MAX 8000/840	70	8180	6140	46,4	132	5,3	1524	1434
ALUMAX LED 2.5ft MAX 11000/840	65	11160	8370	65,1	129	5,3	1524	1434

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Diffuser: polished thermally toughened glass, stainless clips

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

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

## LEGEND

**1F** - 1-phase 3 core through-wiring in the luminaire  
**3F** - 3-phase 5 core through-wiring in the luminaire

**DALI**  
**DALI 3F**

- version with digital dimmable driver DALI  
- 3-phase 7 core through-wiring in the luminaire

**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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