

ALUMAX LED MAX



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

USE

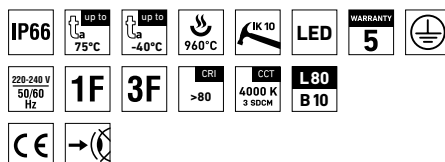
The light fitting is suitable for indoor and outdoor spaces with roof with extreme ambient temperatures from **(-40 °C to +75 °C)**. The light fitting is destined mainly for heating stations, metallurgical lines, glass-works, as well as for freezers, cooling plants and other premises without danger of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

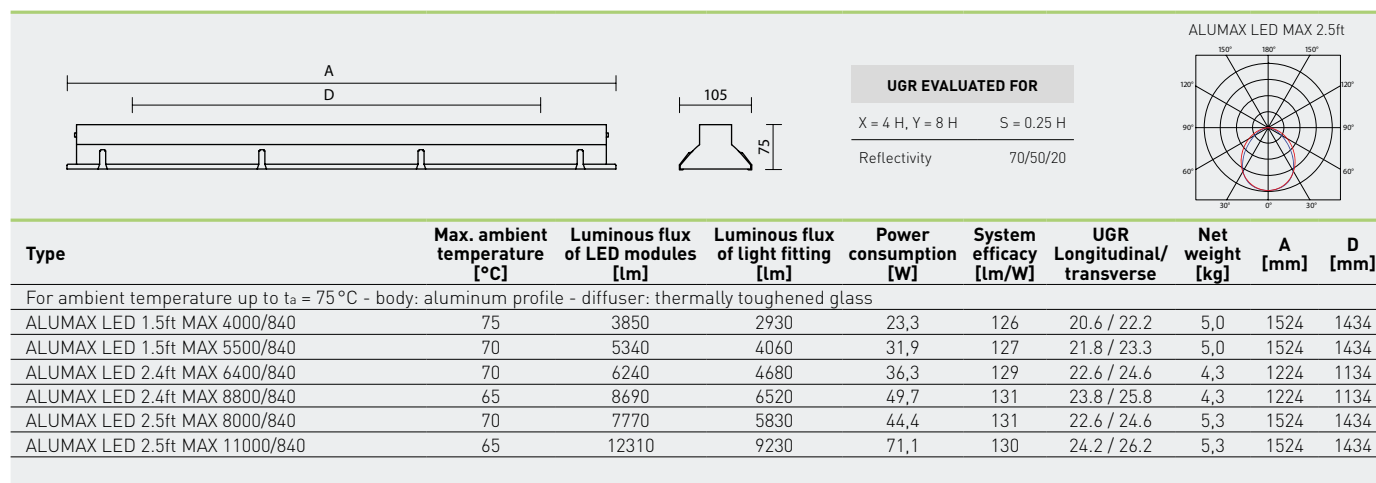


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TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Minimum ambient temperature: $t_a = -40^\circ\text{C}$
- 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: 131 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 \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



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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** - version with digital dimmable driver DALI
- DALI 3F** - 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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