

# ALUMAX LED



... aluminium, dustproof, waterproof, chemically resistant.

## USE

The light fitting is suitable for industrial indoor and outdoor roofed spaces, warehouses, garages, workshops, sports areas, transport terminals, utility structures, agricultural operations and laboratories without a danger of explosion of gas, dust and combustible fumes.

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

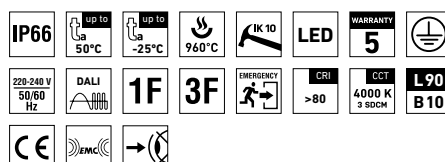
Characteristics of the used tempered glass and its shattering power are controlled by the ČSN EN 12150-1 standard.

## ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **t<sub>a</sub> = 50 °C**
- Lifetime: 50,000 hours / L90B10
- Lifetime: 100,000 hours / L80B10
- 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
- In DALI version possibility of constant luminous

flux for whole lifetime (CLO)

- Constant luminous flux even in ambient temperature of -25 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 6500 K
- It can be delivered in dimmable or emergency version

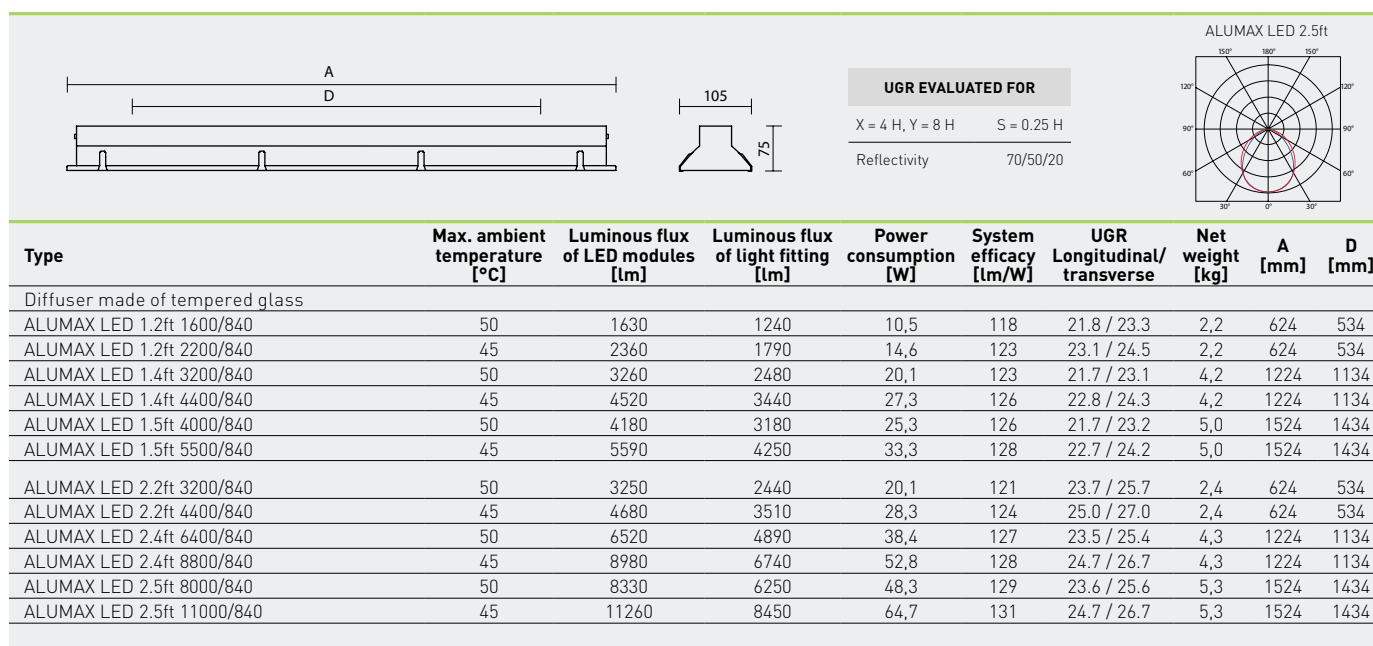


## ALUMAX LED



## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 50^\circ\text{C}$ , Maximum ambient temperature:  $t_a = 0-40^\circ\text{C}$  with a back-up power supply M3hAt
- 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
- Lifetime: 50,000 hours / L90B10
- Lifetime: 100,000 hours / L80B10
- Diffuser: satinated tempered safety glass
- Body: grey aluminium profile, surface treated with powder-coated colour
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless
- Sealing: polyurethane (PUR) in body groove
- Side covers: grey aluminium alloy with plastic side plates for fixation and suspension of glass at assembly, surface treated with powder-coated colour
- 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 or current driver DALI



50450 ALUMAX LED 1.4ft 3200/840 = suitable replacement for ALUMAX 136 E - 1 x 36 W

50480 ALUMAX LED 1.5ft 4000/840 = suitable replacement for ALUMAX 158 E - 1 x 58 W

50550 ALUMAX LED 2.4ft 6400/840 = suitable replacement for ALUMAX 236 E - 2 x 36 W

50580 ALUMAX LED 2.5ft 8000/840 = suitable replacement for ALUMAX 258 E - 2 x 58 W

## ALUMAX LED

Diffuser made of tempered glass, stainless clips

Code	Type	1F	3F	M3hAt	3F M3hAt
50420	ALUMAX LED 1.2ft 1600/840	x	x	x	x
50430	ALUMAX LED 1.2ft 2200/840	x	x	x	x
50450	ALUMAX LED 1.4ft 3200/840	50451	50453	109900	109903
50460	ALUMAX LED 1.4ft 4400/840	50461	50463	109896	109899
50480	ALUMAX LED 1.5ft 4000/840	50481	50483	109888	109891
50490	ALUMAX LED 1.5ft 5500/840	50491	50493	109884	109887
50520	ALUMAX LED 2.2ft 3200/840	x	x	x	x
50530	ALUMAX LED 2.2ft 4400/840	x	x	x	x
50550	ALUMAX LED 2.4ft 6400/840	50551	50553	109876	109879
50560	ALUMAX LED 2.4ft 8800/840	50561	50563	x	x
50580	ALUMAX LED 2.5ft 8000/840	50581	50583	109868	109871
50590	ALUMAX LED 2.5ft 11000/840	50591	50593	x	x

## ALUMAX LED DALI

Digital dimmable driver DALI, diffuser made of tempered glass, stainless clips

Code	Type	3F	M3hAt	3F M3hAt
50620	ALUMAX LED 1.2ft 1600/840 DALI	x	x	x
50630	ALUMAX LED 1.2ft 2200/840 DALI	x	x	x
50650	ALUMAX LED 1.4ft 3200/840 DALI	50653	109901	109902
50660	ALUMAX LED 1.4ft 4400/840 DALI	50663	109897	109898
50680	ALUMAX LED 1.5ft 4000/840 DALI	50683	109889	109890
50690	ALUMAX LED 1.5ft 5500/840 DALI	50693	109885	109886
50720	ALUMAX LED 2.2ft 3200/840 DALI	x	x	x
50730	ALUMAX LED 2.2ft 4400/840 DALI	x	x	x
50750	ALUMAX LED 2.4ft 6400/840 DALI	50753	109877	109878
50760	ALUMAX LED 2.4ft 8800/840 DALI	50763	x	x
50780	ALUMAX LED 2.5ft 8000/840 DALI	50783	109869	109870
50790	ALUMAX LED 2.5ft 11000/840 DALI	50793	x	x

## LEGEND

- 1F** - 1-phase 3 core through-wiring in the luminaire
- 3F** - 3-phase 5 core through-wiring in the luminaire
- M3hAt** - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
- 3F M3hAt** - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)
- DALI** - version with digital dimmable driver DALI
- DALI 1F** - 1-phase 5 core through-wiring in the luminaire
- DALI 3F** - 3-phase 7 core through-wiring in the luminaire
- DALI 3F M3hAt** - 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

## 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

ALUMAX LED

