

PERUN SLIM



... stainless, dustproof, waterproof.

USE

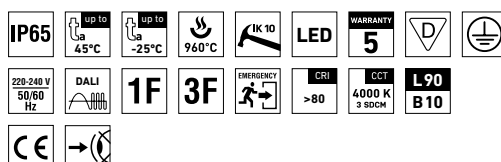
The light fitting is suitable for industrial indoor and outdoor roofed spaces, warehouses, garages, workshops, sports areas, transport terminals, utility structures, agricultural operations and laboratories without a danger of explosion of gas, dust and combustible fumes.

The light fitting is resistant to deformation, dust, spouting water and has increased chemical resistance.

Characteristics of the used tempered glass and its shattering power are controlled by the ČSN EN 12150-1 standard. For applications where spontaneous fracture means a higher safety risk, we recommend to use the version with the safety film (SF).

ADVANTAGES

- Light fitting protection **IP65**
- Maximum ambient temperature up to **$t_a = 45^\circ\text{C}$**
- Lifetime: 50,000 hours / L90B10
- Lifetime: 100,000 hours / L80B10
- High chemical and mechanical robustness IK10
- Diffuser: satinated tempered safety glass
- Body: stainless sheet
- Up to 45 % lower electricity consumption when compared to tubes T5
- It can be delivered in dimmable or permanent emergency version M3hAt
- 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, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K

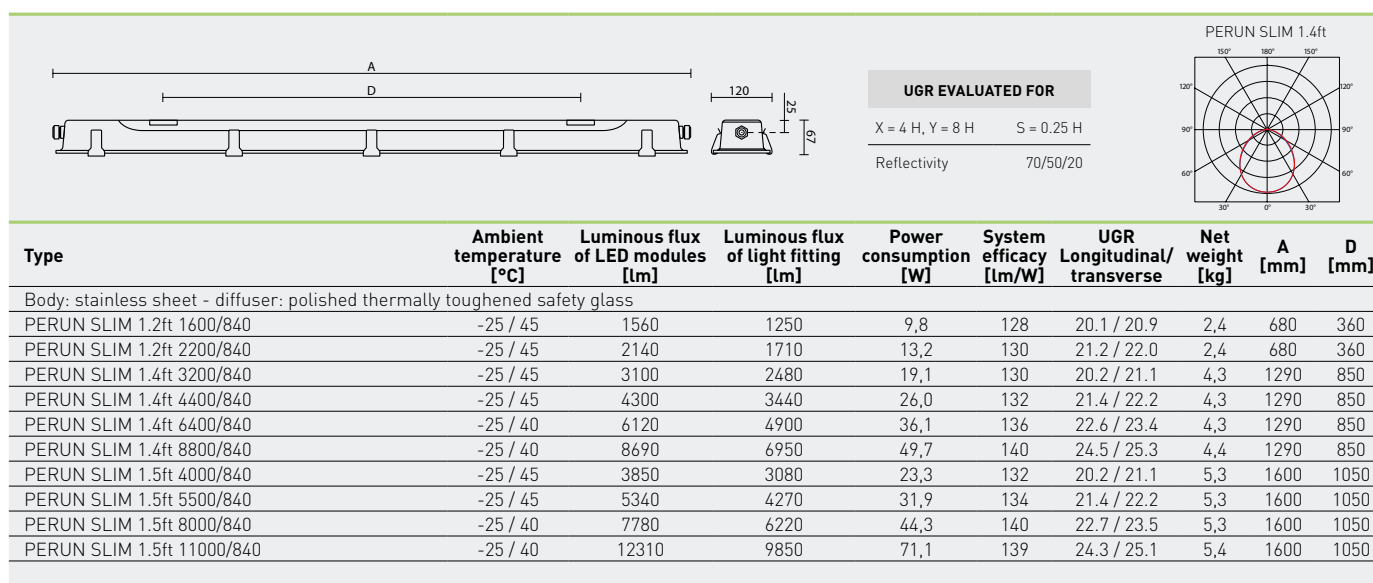


PERUN SLIM



TECHNICAL DESCRIPTION

- Light fitting protection: IP65
- Maximum ambient temperature: $t_a = 45^\circ\text{C}$, Maximum ambient temperature: $t_a = 0-40^\circ\text{C}$ with a back-up power supply M3hAt
- Maximum system efficacy: 140 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
- Possibility of delivery of the diffuser with a safety foil (SF)
- Possibility of delivery of an EM kit M3hAt with battery autotesting
- Body: stainless sheet, impact-resistant, chemically resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless
- Sealing: silicone, at light fitting body
- Cable glands: PG 13.5 brass with surface treatment
- Terminal block: screwless, three-pole (basic version)
- The package includes: stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver or current driver DALI



86720 PERUN SLIM 1.2ft 1600/840 = suitable replacement for T8 fl. tube light fitting PERUN 118 – 1×18 W

86750 PERUN SLIM 1.4ft 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 136 – 1×36 W

86770 PERUN SLIM 1.4ft 6400/840 = suitable replacement for T8 fl. tube light fitting PERUN 236 – 2×36 W

86790 PERUN SLIM 1.5ft 4000/840 = suitable replacement for T8 fl. tube light fitting PERUN 158 – 1×58 W

86810 PERUN SLIM 1.5ft 8000/840 = suitable replacement for T8 fl. tube light fitting PERUN 258 – 2×58 W

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Non-dimmable driver, diffuser: polished thermally toughened safety glass

Code	Type	1F	3F	M3hAt	3F M3hAt
86720	PERUN SLIM 1.2ft 1600/840	86721	86723	x	x
86730	PERUN SLIM 1.2ft 2200/840	86731	86733	x	x
86750	PERUN SLIM 1.4ft 3200/840	86751	86753	86755	86757
86760	PERUN SLIM 1.4ft 4400/840	86761	86763	86765	86767
86770	PERUN SLIM 1.4ft 6400/840	86771	86773	x	x
86924	PERUN SLIM 1.4ft 8800/840	86926	86928	x	x
86790	PERUN SLIM 1.5ft 4000/840	86791	86793	86795	86797
86800	PERUN SLIM 1.5ft 5500/840	86801	86803	86805	86807
86810	PERUN SLIM 1.5ft 8000/840	86811	86813	x	x
86925	PERUN SLIM 1.5ft 11000/840	86927	86929	x	x

PERUN SLIM DALI

Digital dimmable driver DALI, diffuser: polished thermally toughened safety glass

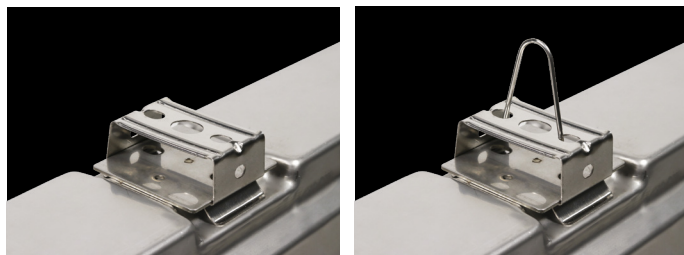
Code	Type	1F	3F	M3hAt	3F M3hAt
86830	PERUN SLIM 1.2ft 1600/840 DALI	86831	x	x	x
86840	PERUN SLIM 1.2ft 2200/840 DALI	86841	x	x	x
86860	PERUN SLIM 1.4ft 3200/840 DALI	86861	86863	86865	86867
86870	PERUN SLIM 1.4ft 4400/840 DALI	86871	86873	86875	86877
86880	PERUN SLIM 1.4ft 6400/840 DALI	86881	86883	x	x
86930	PERUN SLIM 1.4ft 8800/840 DALI	86932	86934	x	x
86900	PERUN SLIM 1.5ft 4000/840 DALI	86901	86903	86905	86907
86910	PERUN SLIM 1.5ft 5500/840 DALI	86911	86913	86915	86917
86920	PERUN SLIM 1.5ft 8000/840 DALI	86921	86923	x	x
86931	PERUN SLIM 1.5ft 11000/840 DALI	86933	86935	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) Suspension with the use of stainless hooks



LIGHT FITTING DETAILED VIEW

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