ЮНИА-Т ЕООД
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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 have 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

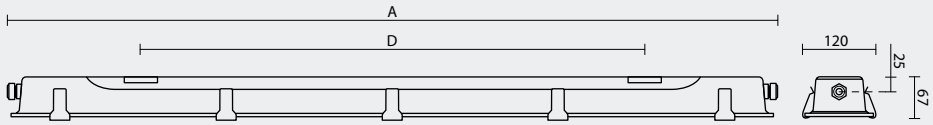
- Light fitting protection **IP65**
- Maximum ambient temperature up to t_a = **45 °C**
- Lifetime: 50,000 hours / L90B10
- High chemical and mechanical robustness IK10
- Diffuser: satinated tempered safety glass
- Body: stainless sheet
- Up to 45 % lower electricity consumption when compared to tubes T5
- It can be delivered in dimmable or permanent emergency version M1h and 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

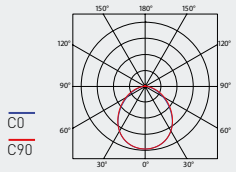


TECHNICAL DESCRIPTION

- Light fitting protection: IP65
- Maximum ambient temperature: t_a = 45 °C, Maximum ambient temperature: t_a = 0-25 °C with a back-up power supply M1h, M3hAt
- Maximum system efficacy: 140 lm/W
- The watt and lumen values can vary by ± 7,5 %
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: satinated tempered safety glass
- Possibility of delivery of the diffuser with a safety foil (SF)
- Possibility of delivery of an EM kit M1h 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



PERUN SLIM 1.4ft



Type	Ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/ transverse	Net weight [kg]	A [mm]	D [mm]
Body: stainless sheet - diffuser: polished thermally toughened safety glass									
PERUN SLIM 1.2ft 1300/840	-25|45	1310	1050	8,2	128	19.5 / 20.3	2,4	680	360
PERUN SLIM 1.2ft 1600/840	-25|45	1560	1250	9,8	128	20.1 / 20.9	2,4	680	360
PERUN SLIM 1.2ft 2200/840	-25|45	2140	1710	13,2	130	21.2 / 22.0	2,4	680	360
PERUN SLIM 1.4ft 2600/840	-25|45	2600	2080	16,1	129	19.6 / 20.4	4,3	1290	850
PERUN SLIM 1.4ft 3200/840	-25|45	3100	2480	19,1	130	20.2 / 21.1	4,3	1290	850
PERUN SLIM 1.4ft 4400/840	-25|45	4300	3440	26,0	132	21.4 / 22.2	4,3	1290	850
PERUN SLIM 1.4ft 6400/840	-25|40	6120	4900	36,1	136	22.6 / 23.4	4,3	1290	850
PERUN SLIM 1.4ft 8800/840	-25|40	8690	6950	49,7	140	24.5 / 25.3	4,4	1290	850
PERUN SLIM 1.5ft 3250/840	-25|45	3240	2590	19,5	133	19.6 / 20.5	5,3	1600	1050
PERUN SLIM 1.5ft 4000/840	-25|45	3850	3080	23,3	132	20.2 / 21.1	5,3	1600	1050
PERUN SLIM 1.5ft 5500/840	-25|45	5340	4270	31,9	134	21.4 / 22.2	5,3	1600	1050
PERUN SLIM 1.5ft 8000/840	-25|40	7780	6220	44,3	140	22.7 / 23.5	5,3	1600	1050
PERUN SLIM 1.5ft 11000/840	-25|40	12310	9850	71,1	139	24.3 / 25.1	5,4	1600	1050

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

PERUN SLIM

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

Code	Type	1F	3F	M1h	M3hAt	3F M1h	3F M3hAt
86710	PERUN SLIM 1.2ft 1300/840	86711	86713	x	x	x	x
86720	PERUN SLIM 1.2ft 1600/840	86721	86723	x	x	x	x
86730	PERUN SLIM 1.2ft 2200/840	86731	86733	x	x	x	x
86740	PERUN SLIM 1.4ft 2600/840	86741	86743	86744	86745	86746	86747
86750	PERUN SLIM 1.4ft 3200/840	86751	86753	86754	86755	86756	86757
86760	PERUN SLIM 1.4ft 4400/840	86761	86763	86764	86765	86766	86767
86770	PERUN SLIM 1.4ft 6400/840	86771	86773	x	x	x	x
86924	PERUN SLIM 1.4ft 8800/840	86926	86928	x	x	x	x
86780	PERUN SLIM 1.5ft 3250/840	86781	86783	86784	86785	86786	86787
86790	PERUN SLIM 1.5ft 4000/840	86791	86793	86794	86795	86796	86797
86800	PERUN SLIM 1.5ft 5500/840	86801	86803	86804	86805	86806	86807
86810	PERUN SLIM 1.5ft 8000/840	86811	86813	x	x	x	x
86925	PERUN SLIM 1.5ft 11000/840	86927	86929	x	x	x	x

PERUN SLIM DALI

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

Code	Type	1F	3F	M1h	M3hAt	3F M1h	3F M3hAt
86820	PERUN SLIM 1.2ft 1300/840 DALI	86821	x	x	x	x	x
86830	PERUN SLIM 1.2ft 1600/840 DALI	86831	x	x	x	x	x
86840	PERUN SLIM 1.2ft 2200/840 DALI	86841	x	x	x	x	x
86850	PERUN SLIM 1.4ft 2600/840 DALI	86851	86853	86854	86855	86856	86857
86860	PERUN SLIM 1.4ft 3200/840 DALI	86861	86863	86864	86865	86866	86867
86870	PERUN SLIM 1.4ft 4400/840 DALI	86871	86873	86874	86875	86876	86877
86880	PERUN SLIM 1.4ft 6400/840 DALI	86881	86883	x	x	x	x
86930	PERUN SLIM 1.4ft 8800/840 DALI	86932	86934	x	x	x	x
86890	PERUN SLIM 1.5ft 3250/840 DALI	86891	86893	86894	86895	86896	86897
86900	PERUN SLIM 1.5ft 4000/840 DALI	86901	86903	86904	86905	86906	86907
86910	PERUN SLIM 1.5ft 5500/840 DALI	86911	86913	86914	86915	86916	86917
86920	PERUN SLIM 1.5ft 8000/840 DALI	86921	86923	x	x	x	x
86931	PERUN SLIM 1.5ft 11000/840 DALI	86933	86935	x	x	x	x

Example of type marking: 86916 = PERUN SLIM 1.5ft 5500/840 **3F M1h**

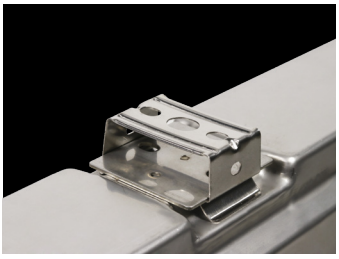
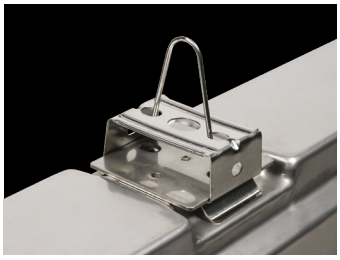
LEGEND

1F 1-phase 3 core through-wiring in the luminaire
3F 3-phase 5 core through-wiring in the luminaire
M1h emergency back-up source with 1 hour operating time for maintained emergency illumination
M3h emergency back-up source with 3 hour operating time for maintained emergency illumination
3F Mxh 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 Mxh 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

PERUN SLIM

