

PERUN SLIM



... stainless, dustproof, waterproof.

USE

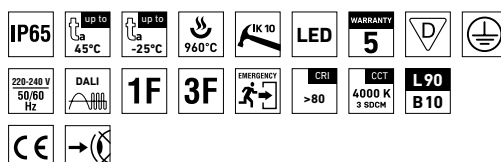
The light fitting is suitable for industrial indoor and outdoor roofed spaces, warehouses, garages, workshops, sports areas, transport terminals, utility structures, agricultural operations and laboratories without a danger of explosion of gas, dust and combustible fumes.

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

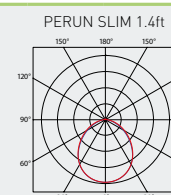
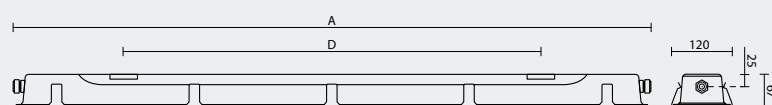


PERUN SLIM



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: 145 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



Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
			Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
Body: stainless sheet - diffuser: polished thermally toughened safety glass								
PERUN SLIM 1.2ft 1600/840	-25/45	1740	1390	10,6	131	2,4	680	360
PERUN SLIM 1.2ft 2200/840 *	-25/45	2380	1900	14,8	128	2,4	680	360
PERUN SLIM 1.4ft 3200/840	-25/45	3340	2670	19,4	138	4,3	1290	850
PERUN SLIM 1.4ft 4400/840 *	-25/45	4570	3660	27,3	134	4,3	1290	850
PERUN SLIM 1.4ft 6400/840 *	-25/40	6600	5280	38,6	137	4,3	1290	850
PERUN SLIM 1.4ft 8800/840 *	-25/40	9080	7260	52,7	138	4,4	1290	850
PERUN SLIM 1.5ft 4000/840	-25/45	4080	3260	23,8	137	5,3	1600	1050
PERUN SLIM 1.5ft 5500/840 *	-25/45	5580	4460	33,6	133	5,3	1600	1050
PERUN SLIM 1.5ft 8000/840 *	-25/40	8070	6460	47,5	136	5,3	1600	1050
PERUN SLIM 1.5ft 11000/840 *	-25/40	11160	8930	65,1	137	5,4	1600	1050

*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
PERUN SLIM 1.2ft 2200/840 ML	1650	12,7	130	1390	10,6	131	1120	8,6	130
PERUN SLIM 1.4ft 4400/840 ML	3170	23,3	136	2670	19,4	138	2160	15,7	138
PERUN SLIM 1.4ft 6400/840 ML	4560	32,8	139	3840	27,2	141	3120	21,8	143
PERUN SLIM 1.4ft 8800/840 ML	6320	44,8	141	5330	37,1	144	4300	29,6	145
PERUN SLIM 1.5ft 5500/840 ML	3870	28,6	135	3260	23,8	137	2650	19,1	139
PERUN SLIM 1.5ft 8000/840 ML	5590	40,4	138	4740	33,4	142	3830	26,5	145
PERUN SLIM 1.5ft 11000/840 ML	7740	55,6	139	6540	46,4	141	5300	37,3	142

86720 PERUN SLIM 1.2ft 1600/840 = suitable replacement for T8 fl. tube light fitting PERUN 118 - 1 x 18 W
 86750 PERUN SLIM 1.4ft 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 136 - 1 x 36 W
 86770 PERUN SLIM 1.4ft 6400/840 ML = suitable replacement for T8 fl. tube light fitting PERUN 236 - 2 x 36 W
 86790 PERUN SLIM 1.5ft 4000/840 = suitable replacement for T8 fl. tube light fitting PERUN 158 - 1 x 58 W
 86810 PERUN SLIM 1.5ft 8000/840 ML = suitable replacement for T8 fl. tube light fitting PERUN 258 - 2 x 58 W

PERUN SLIM

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 ML	86731	86733	x	x
86750	PERUN SLIM 1.4ft 3200/840	86751	86753	86755	86757
86760	PERUN SLIM 1.4ft 4400/840 ML	86761	86763	86765	86767
86770	PERUN SLIM 1.4ft 6400/840 ML	86771	86773	x	x
86924	PERUN SLIM 1.4ft 8800/840 ML	86926	86928	x	x
86790	PERUN SLIM 1.5ft 4000/840	86791	86793	86795	86797
86800	PERUN SLIM 1.5ft 5500/840 ML	86801	86803	86805	86807
86810	PERUN SLIM 1.5ft 8000/840 ML	86811	86813	x	x
86925	PERUN SLIM 1.5ft 11000/840 ML	86927	86929	x	x

PERUN SLIM DALI

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

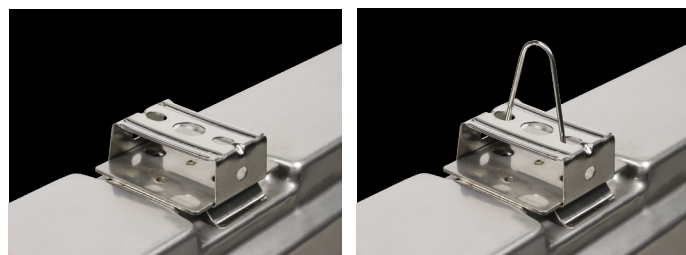
Code	Type	1F	3F	M3hAt	3F M3hAt
86830	PERUN SLIM 1.2ft 1600/840 DALI	86831	x	x	x
86840	PERUN SLIM 1.2ft 2200/840 DALI	86841	x	x	x
86860	PERUN SLIM 1.4ft 3200/840 DALI	86861	86863	86865	86867
86870	PERUN SLIM 1.4ft 4400/840 DALI	86871	86873	86875	86877
86880	PERUN SLIM 1.4ft 6400/840 DALI	86881	86883	x	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 | DALI | - version with digital dimmable driver DALI |
| 3F | - 3-phase 5 core through-wiring in the luminaire | DALI 1F | - 1-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 | DALI 3F | - 3-phase 7 core through-wiring in the luminaire |
| 3F M3hAt | - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply) | 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

PERUN SLIM

