

PERUN LED



... 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 gases, dust and combustible fumes.

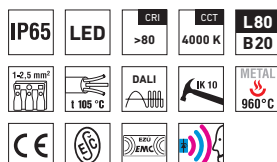
The light fitting is resistant to deformation, dust, spouting water.

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**
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent tempered glass = high chemical resistance
- Body: stainless sheet = high mechanical and chemical resistance
- 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 -20 °C

- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K
- It can be delivered in dimmable or emergency version
- Certification: ESC



PERUN LED

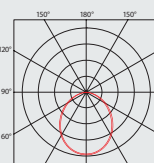


TECHNICAL DESCRIPTION

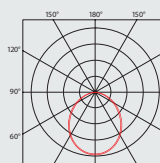
- Light fitting protection: IP65
- Maximum system efficacy: 117 lm/W
- The watt and lumen values can, in accordance with valid standards, vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent tempered glass with wire cords for suspension at assembly, chemically resistant
- Body: stainless sheet, impact-resistant, chemically resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless
- Sealing: silicone, at light fitting body
- Cable glands: PG13.5 brass with surface treatment
- Terminal block: screwless, three-pole (basic version)
- Installation: package contains stainless lugs, stainless washers and rubber distance washers
- Electric equipment: LED modules, current driver or current driver DALI



PERUN LED 1.4ft



PERUN LED 2.4ft



Code	Type	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
Body: stainless sheet - diffuser: translucent tempered glass								
68010	PERUN LED 1.2ft 1300/840	1300	1070	10	107	2,9	705	485
68020	PERUN LED 1.2ft 1600/840	1600	1290	12	108	2,8	705	485
68030	PERUN LED 1.2ft 2200/840	2200	1650	15	110	2,9	705	485
68040	PERUN LED 1.4ft 2600/840	2600	1990	18	111	5,2	1305	1095
68050	PERUN LED 1.4ft 3200/840	3200	2460	22	112	5,1	1305	1095
68060	PERUN LED 1.4ft 4400/840	4400	3340	30	111	5,2	1305	1095
68070	PERUN LED 1.5ft 3250/840	3250	2450	22	111	6,6	1605	1395
68080	PERUN LED 1.5ft 4000/840	4000	3050	27	113	6,5	1605	1395
68090	PERUN LED 1.5ft 5500/840	5500	4210	37	114	6,6	1605	1395
69010	PERUN LED 2.2ft 2600/840	2600	1990	18	111	2,9	705	485
69020	PERUN LED 2.2ft 3200/840	3200	2470	22	112	2,8	705	485
69030	PERUN LED 2.2ft 4400/840	4400	3340	30	111	2,9	705	485
69040	PERUN LED 2.4ft 5200/840	5200	3980	35	114	5,2	1305	1095
69050	PERUN LED 2.4ft 6400/840	6400	4890	42	116	5,1	1305	1095
69060	PERUN LED 2.4ft 8800/840	8800	6760	58	117	5,2	1305	1095
69070	PERUN LED 2.5ft 6500/840	6500	5070	44	115	6,6	1605	1395
69080	PERUN LED 2.5ft 8000/840	8000	6120	53	115	6,5	1605	1395
69090	PERUN LED 2.5ft 11000/840	11000	8240	71	116	6,6	1605	1395

68020 PERUN LED 1.2ft 1600/840 = suitable replacement for T8 fl. tube light fitting PERUN 118 - 1 x 18 W

68050 PERUN LED 1.4ft 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 136 - 1 x 36 W

68080 PERUN LED 1.5ft 4000/840 = suitable replacement for T8 fl. tube light fitting PERUN 158 - 1 x 58 W

69020 PERUN LED 2.2ft 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 218 - 2 x 18 W

69050 PERUN LED 2.4ft 6400/840 = suitable replacement for T8 fl. tube light fitting PERUN 236 - 2 x 36 W

69080 PERUN LED 2.5ft 8000/840 = suitable replacement for T8 fl. tube light fitting PERUN 258 - 2 x 58 W

PERUN LED

Non-dimmable driver, diffuser made of translucent tempered glass

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
68010	PERUN LED 1.2ft 1300/840	x	x	x	x	x	x
68020	PERUN LED 1.2ft 1600/840	x	x	x	x	x	x
68030	PERUN LED 1.2ft 2200/840	x	x	x	x	x	x
68040	PERUN LED 1.4ft 2600/840	68140	68340	68044	x	68344	x
68050	PERUN LED 1.4ft 3200/840	68150	68350	68054	x	68354	x
68060	PERUN LED 1.4ft 4400/840	68160	68360	x	x	x	x
68070	PERUN LED 1.5ft 3250/840	68170	68370	68074	68075	68374	68375
68080	PERUN LED 1.5ft 4000/840	68180	68380	68084	68085	68384	68385
68090	PERUN LED 1.5ft 5500/840	68190	68390	x	x	x	x
69010	PERUN LED 2.2ft 2600/840	x	x	x	x	x	x
69020	PERUN LED 2.2ft 3200/840	x	x	x	x	x	x
69030	PERUN LED 2.2ft 4400/840	x	x	x	x	x	x
69040	PERUN LED 2.4ft 5200/840	69140	69340	69044	69045	69344	69345
69050	PERUN LED 2.4ft 6400/840	69150	69350	69054	69055	69354	69355
69060	PERUN LED 2.4ft 8800/840	69160	69360	x	x	x	x
69070	PERUN LED 2.5ft 6500/840	69170	69370	69074	69075	69374	69375
69080	PERUN LED 2.5ft 8000/840	69180	69380	69084	69085	69384	69385
69090	PERUN LED 2.5ft 11000/840	69190	69390	x	x	x	x

Example of type marking: 69385 = PERUN LED 2.5ft 8000/840 **3F M3h**

PERUN LED DALI

Digital dimmable driver DALI, diffuser made of translucent tempered glass

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
68013	PERUN LED 1.2ft 1300/840 DALI	x	x	x	x	x	x
68023	PERUN LED 1.2ft 1600/840 DALI	x	x	x	x	x	x
68033	PERUN LED 1.2ft 2200/840 DALI	x	x	x	x	x	x
68043	PERUN LED 1.4ft 2600/840 DALI	68143	68343	68047	x	68347	x
68053	PERUN LED 1.4ft 3200/840 DALI	68153	68353	68057	x	68357	x
68063	PERUN LED 1.4ft 4400/840 DALI	68163	68363	x	x	x	x
68073	PERUN LED 1.5ft 3250/840 DALI	68173	68373	68077	68079	68377	68379
68083	PERUN LED 1.5ft 4000/840 DALI	68183	68383	68087	68089	68387	68389
68093	PERUN LED 1.5ft 5500/840 DALI	68193	68393	x	x	x	x
69013	PERUN LED 2.2ft 2600/840 DALI	x	x	x	x	x	x
69023	PERUN LED 2.2ft 3200/840 DALI	x	x	x	x	x	x
69033	PERUN LED 2.2ft 4400/840 DALI	x	x	x	x	x	x
69043	PERUN LED 2.4ft 5200/840 DALI	69143	69343	69047	69049	69347	69349
69053	PERUN LED 2.4ft 6400/840 DALI	69153	69353	69057	69059	69357	69359
69063	PERUN LED 2.4ft 8800/840 DALI	69163	69363	x	x	x	x
69073	PERUN LED 2.5ft 6500/840 DALI	69173	69373	69077	69079	69377	69379
69083	PERUN LED 2.5ft 8000/840 DALI	69183	69383	69087	69089	69387	69389
69093	PERUN LED 2.5ft 11000/840 DALI	69193	69393	x	x	x	x

Example of type marking: 69389 = PERUN LED 2.5ft 8000/840 DALI **3F M3h**

LEGEND

DALI – version with digital dimmable driver DALI

1F – 1 phase wiring cables for through-wiring

3F – 3 phase wiring cables for through-wiring

M1h – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination

M3h – emergency back-up source with operating time of 3 hours (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

- a) Suspension with the use of stainless lugs and wire cords to a ceiling
- b) Directly to a ceiling or a wall with the use of screws, stainless and rubber distance washers



LIGHT FITTING DETAILED VIEW

PERUN LED



PERUN LED SF

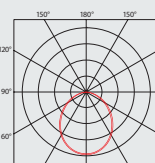


TECHNICAL DESCRIPTION

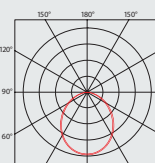
- Light fitting protection: IP65
- Maximum system efficacy: 109 lm/W
- The watt and lumen values can, in accordance with valid standards, vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent tempered glass with safety film (SF) with wire cords for suspension at assembly, chemically resistant
- Body: stainless sheet, impact-resistant, chemically resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless
- Sealing: silicone, at light fitting body
- Cable glands: PG13.5 brass with surface treatment
- Terminal block: screwless, three-pole (basic version)
- Installation: package contains stainless lugs, stainless washers and rubber distance washers
- Electric equipment: LED modules, current driver or current driver DALI



PERUN LED 1.4ft SF



PERUN LED 2.4ft SF



Code	Type	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
Body: stainless sheet - diffuser: translucent tempered glass with safety film [SF]								
68210	PERUN LED 1.2ft SF 1300/840	1300	1000	10	100	2,9	705	485
68220	PERUN LED 1.2ft SF 1600/840	1600	1210	12	101	2,8	705	485
68230	PERUN LED 1.2ft SF 2200/840	2200	1540	15	103	2,9	705	485
68240	PERUN LED 1.4ft SF 2600/840	2600	1860	18	103	5,2	1305	1095
68250	PERUN LED 1.4ft SF 3200/840	3200	2300	22	105	5,1	1305	1095
68260	PERUN LED 1.4ft SF 4400/840	4400	3120	30	104	5,2	1305	1095
68270	PERUN LED 1.5ft SF 3250/840	3250	2290	22	104	6,6	1605	1395
68280	PERUN LED 1.5ft SF 4000/840	4000	2850	27	106	6,5	1605	1395
68290	PERUN LED 1.5ft SF 5500/840	5500	3930	37	106	6,6	1605	1395
69210	PERUN LED 2.2ft SF 2600/840	2600	1860	18	103	3,9	705	485
69220	PERUN LED 2.2ft SF 3200/840	3200	2310	22	105	3,8	705	485
69230	PERUN LED 2.2ft SF 4400/840	4400	3120	30	104	3,9	705	485
69240	PERUN LED 2.4ft SF 5200/840	5200	3720	35	106	7,1	1305	1095
69250	PERUN LED 2.4ft SF 6400/840	6400	4560	42	109	7,0	1305	1095
69260	PERUN LED 2.4ft SF 8800/840	8800	6310	58	109	7,1	1305	1095
69270	PERUN LED 2.5ft SF 6500/840	6500	4740	44	108	9,2	1605	1395
69280	PERUN LED 2.5ft SF 8000/840	8000	5720	53	108	9,1	1605	1395
69290	PERUN LED 2.5ft SF 11000/840	11000	7700	71	108	9,2	1605	1395

68220 PERUN LED 1.2ft SF 1600/840 = suitable replacement for T8 fl. tube light fitting PERUN 118 - 1x18 W
 68250 PERUN LED 1.4ft SF 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 136 - 1x36 W
 68280 PERUN LED 1.5ft SF 4000/840 = suitable replacement for T8 fl. tube light fitting PERUN 158 - 1x58 W
 69220 PERUN LED 2.2ft SF 3200/840 = suitable replacement for T8 fl. tube light fitting PERUN 218 - 2x18 W
 69250 PERUN LED 2.4ft SF 6400/840 = suitable replacement for T8 fl. tube light fitting PERUN 236 - 2x36 W
 69280 PERUN LED 2.5ft SF 8000/840 = suitable replacement for T8 fl. tube light fitting PERUN 258 - 2x58 W

PERUN LED

Non-dimmable driver, diffuser made of translucent tempered glass with safety film [SF]

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
68210	PERUN LED 1.2ft SF 1300/840	x	x	x	x	x	x
68220	PERUN LED 1.2ft SF 1600/840	x	x	x	x	x	x
68230	PERUN LED 1.2ft SF 2200/840	x	x	x	x	x	x
68240	PERUN LED 1.4ft SF 2600/840	68540	68640	68244	x	68644	x
68250	PERUN LED 1.4ft SF 3200/840	68550	68650	68254	x	68654	x
68260	PERUN LED 1.4ft SF 4400/840	68560	68660	x	x	x	x
68270	PERUN LED 1.5ft SF 3250/840	68570	68670	68274	68275	68674	68675
68280	PERUN LED 1.5ft SF 4000/840	68580	68680	68284	68285	68684	68685
68290	PERUN LED 1.5ft SF 5500/840	68590	68690	x	x	x	x
69210	PERUN LED 2.2ft SF 2600/840	x	x	x	x	x	x
69220	PERUN LED 2.2ft SF 3200/840	x	x	x	x	x	x
69230	PERUN LED 2.2ft SF 4400/840	x	x	x	x	x	x
69240	PERUN LED 2.4ft SF 5200/840	69540	69640	69244	69245	69644	69645
69250	PERUN LED 2.4ft SF 6400/840	69550	69650	69254	69255	69654	69655
69260	PERUN LED 2.4ft SF 8800/840	69560	69660	x	x	x	x
69270	PERUN LED 2.5ft SF 6500/840	69570	69670	69274	69275	69674	69675
69280	PERUN LED 2.5ft SF 8000/840	69580	69680	69284	69285	69684	69685
69290	PERUN LED 2.5ft SF 11000/840	69590	69690	x	x	x	x

Example of type marking: 69685 = PERUN LED 2.5ft SF 8000/840 **3F M3h**

PERUN LED SF DALI

Digital dimmable driver DALI, diffuser made of translucent tempered glass with safety film (SF)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
68213	PERUN LED 1.2ft SF 1300/840 DALI	x	x	x	x	x	x
68223	PERUN LED 1.2ft SF 1600/840 DALI	x	x	x	x	x	x
68233	PERUN LED 1.2ft SF 2200/840 DALI	x	x	x	x	x	x
68243	PERUN LED 1.4ft SF 2600/840 DALI	68543	68643	68247	x	68647	x
68253	PERUN LED 1.4ft SF 3200/840 DALI	68553	68653	68257	x	68657	x
68263	PERUN LED 1.4ft SF 4400/840 DALI	68563	68663	x	x	x	x
68273	PERUN LED 1.5ft SF 3250/840 DALI	68573	68673	68277	68279	68677	68679
68283	PERUN LED 1.5ft SF 4000/840 DALI	68583	68683	68287	68289	68687	68689
68293	PERUN LED 1.5ft SF 5500/840 DALI	68593	68693	x	x	x	x
69213	PERUN LED 2.2ft SF 2600/840 DALI	x	x	x	x	x	x
69223	PERUN LED 2.2ft SF 3200/840 DALI	x	x	x	x	x	x
69233	PERUN LED 2.2ft SF 4400/840 DALI	x	x	x	x	x	x
69243	PERUN LED 2.4ft SF 5200/840 DALI	69543	69643	69247	69249	69647	69649
69253	PERUN LED 2.4ft SF 6400/840 DALI	69553	69653	69257	69259	69657	69659
69263	PERUN LED 2.4ft SF 8800/840 DALI	69563	69663	x	x	x	x
69273	PERUN LED 2.5ft SF 6500/840 DALI	69573	69673	69277	69279	69677	69679
69283	PERUN LED 2.5ft SF 8000/840 DALI	69583	69683	69287	69289	69687	69689
69293	PERUN LED 2.5ft SF 11000/840 DALI	69593	69693	x	x	x	x

Example of type marking: 69689 = PERUN LED 2.5ft SF 8000/840 DALI **3F M3h**

LEGEND

SF – safety film

DALI – version with digital dimmable driver DALI

1F – 1 phase wiring cables for through-wiring

3F – 3 phase wiring cables for through-wiring

M1h – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination

M3h – emergency back-up source with operating time of 3 hours (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

a) Suspension with the use of stainless lugs and wire cords to a ceiling

b) Directly to a ceiling or a wall with the use of screws, stainless and rubber distance washers



LIGHT FITTING DETAILED VIEW

PERUN LED SF

