



Hazardous
Lighting Solutions LTD



PERUN SLIM EX

The light fitting is suitable for the environment with a danger of explosion of gas, dust and combustible fumes.



PASSAGEWAYS



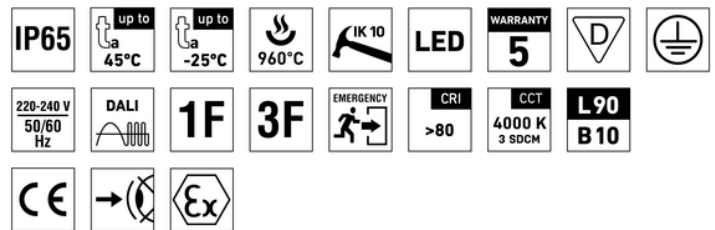
CHEMICAL WAREHOUSES



CHEMICAL



REFINERIES



II 3G Ex nR IIC T6Gc
II 3D Ex tc IIIC T70°C Dc

MECHANICAL FEATURES

Housing: Stainless sheet, chemically resistant

Diffuser: Satiated tempered safety glass

Light fitting protection: IP65

Mounting: Directly to ceiling or wall with brackets

Reflector: Steel sheet

ELECTRICAL FEATURES

Electric equipment: LED modules, fixed output driver or DALI driver

Certification: ESČ, ENEC, CB, HACCP

Maximum system efficiency: 139 lm/W

WORK PARAMETERS

Ambient Temperatures: -25 °C to 45 °C

Lifetime: 50.000h L90 B10
100 000 hours / L80B10

PHOTOMETRICAL PARAMETERS

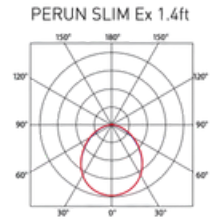
CRI: >80

Colour temperature: 4000K

TYPE COMPARISON



UGR EVALUATED FOR
 X = 4 H, Y = 8 H S = 0.25 H
 Reflectivity 70/50/20



Type	Ambient temperature ON/OFF (°C)	M3hAt	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)
PERUN SLIM Ex 1.2ft 1600/840	-25 / 45	x	1630	1300	10.5	124	21.1 / 21.9	2.4	680	360
PERUN SLIM Ex 1.2ft 2200/840	-25 / 45	x	2360	1890	14.6	129	22.4 / 23.2	2.4	680	360
PERUN SLIM Ex 1.4ft 3200/840	-25 / 45	0 / 40	3260	2610	20.1	130	21.2 / 22.0	4.3	1290	850
PERUN SLIM Ex 1.4ft 4400/840	-25 / 45	0 / 40	4520	3620	27.3	133	22.3 / 23.1	4.3	1290	850
PERUN SLIM Ex 1.4ft 6400/840	-25 / 40	x	6500	5200	38.5	135	23.6 / 24.4	4.3	1290	850
PERUN SLIM Ex 1.4ft 8800/840	-25 / 40	x	8980	7180	52.8	136	24.7 / 25.5	4.3	1290	850
PERUN SLIM Ex 1.5ft 4500/840	-25 / 45	0 / 40	4180	3340	25.3	132	21.3 / 22.1	5.3	1600	1050
PERUN SLIM Ex 1.5ft 5500/840	-25 / 45	0 / 40	5590	4470	33.3	134	22.3 / 23.1	5.3	1600	1050
PERUN SLIM Ex 1.5ft 8000/840	-25 / 40	x	8020	6420	47.4	135	23.6 / 24.4	5.3	1600	1050
PERUN SLIM Ex 1.5ft 11000/840	-25 / 40	x	11260	9010	64.7	139	24.8 / 25.5	5.3	1600	1050

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)

TYPE COMPARISON

PERUN SLIM Ex

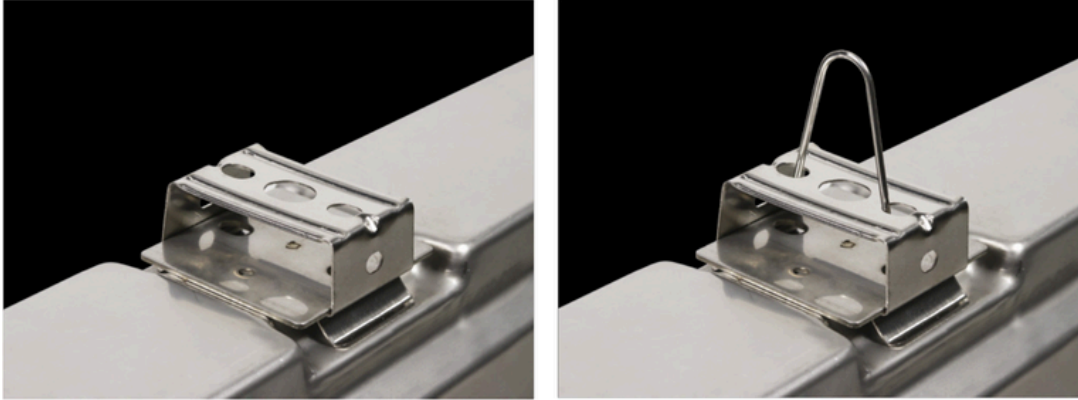
Code	Type	1F	3F	M3hAt	3F M3hAt
103435	PERUN SLIM Ex 1.2ft 1600/840	103445	103455	x	x
103436	PERUN SLIM Ex 1.2ft 2200/840	103446	103456	x	x
103437	PERUN SLIM Ex 1.4ft 3200/840	103447	103457	109852	109856
103438	PERUN SLIM Ex 1.4ft 4400/840	103448	103458	109853	109857
103439	PERUN SLIM Ex 1.4ft 6400/840	103449	103459	x	x
103440	PERUN SLIM Ex 1.4ft 8800/840	103450	103460	x	x
103441	PERUN SLIM Ex 1.5ft 4000/840	103451	103461	109854	109858
103442	PERUN SLIM Ex 1.5ft 5500/840	103452	103462	109855	109859
103443	PERUN SLIM Ex 1.5ft 8000/840	103453	103463	x	x
103444	PERUN SLIM Ex 1.5ft 11000/840	103454	103464	x	x

PERUN SLIM Ex DALI

Code	Type	1F	3F	M3hAt	3F M3hAt
103483	PERUN SLIM Ex 1.4ft 3200/840 DALI	103493	103503	109860	109864
103484	PERUN SLIM Ex 1.4ft 4400/840 DALI	103494	103504	109861	109865
103485	PERUN SLIM Ex 1.4ft 6400/840 DALI	103495	103505	x	x
103486	PERUN SLIM Ex 1.4ft 8800/840 DALI	103496	103506	x	x
103487	PERUN SLIM Ex 1.5ft 4000/840 DALI	103497	103507	109862	109866
103488	PERUN SLIM Ex 1.5ft 5500/840 DALI	103498	103508	109863	109867
103489	PERUN SLIM Ex 1.5ft 8000/840 DALI	103499	103509	x	x
103490	PERUN SLIM Ex 1.5ft 11000/840 DALI	103500	103510	x	x

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 Ex

