

INDUSTRIAL METAL LUMINAIRES



**... for explosion hazard environment group II,
category 2 (zone 1, 21 and 2, 22).**

MECHANICAL PARAMETERS

Housing: powder coated steel sheet RAL 9003, or INOX (AISI 304)
Diffuser: satinated tempered safety glass
Ingress protection: IP66
Impact strength: IK10
Mounting: includes suspensory eyes 2 x M6, suitable for ceiling and wall

WORK PARAMETERS

Ambient temperature: from -40°C up to +55°C
Lifetime: 75,000h L80 B50

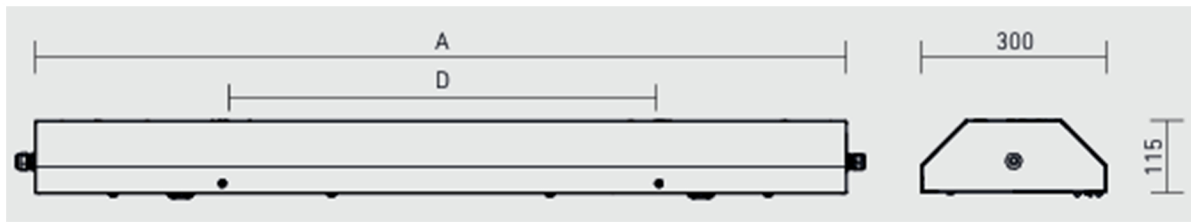
ELECTRICAL PARAMETERS

Wiring: Optional through-wiring of up to 7 wires at reflector
Cable glands: metal or armoured ATEX cable glands M20 × 1,5 or M25 × 1,5
Certification: CE, ATEX TÜV CY 21 ATEX 0206562X - TrEx, TrEx Mxh

PHOTOMETRICAL PARAMETERS

CRI: >80
Colour temperature: 4000K- standard
On request CRI > 80: 3000K, 5000K, 5700K

DIMENSIONS



TYPES COMPARISON

Type	Min. and max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	System input [W]	System efficiency [lm/W]	Net weight [kg]	A [mm]	D [mm]
Light fitting without a battery system								
TrEx 1.2ft 3200/840	-40 / 55	2800	2350	19	123	8,3	730	350
TrEx 1.2ft 4400/840	-40 / 55	4000	3360	27	124	8,3	730	350
TrEx 1.4ft 6400/840	-40 / 55	5600	4700	35	134	14,6	1300	700
TrEx 1.4ft 8800/840	-40 / 55	8000	6720	50	134	14,6	1300	700
TrEx 1.5ft 8000/840	-40 / 55	7000	5880	40	147	17,3	1580	700
TrEx 1.5ft 11000/840	-40 / 55	10000	8400	59	142	17,3	1580	700
TrEx 2.2ft 6400/840	-40 / 55	5600	4700	35	134	8,9	730	350
TrEx 2.2ft 8800/840	-40 / 50	8000	6720	50	134	8,9	730	350
TrEx 2.4ft 12800/840	-40 / 55	11200	9400	67	140	16,0	1300	700
TrEx 2.4ft 17600/840	-40 / 50	16000	13440	100	134	16,0	1300	700
TrEx 2.5ft 16000/840	-40 / 55	14000	11760	80	147	18,9	1580	700
TrEx 2.5ft 22000/840	-40 / 50	20000	16800	121	138	18,9	1580	700

Type	Min. and max. ambient temperature [°C]	Emergency light flux of light fitting 1h [lm]	Emergency light flux of light fitting 3h [lm]	Power in standby mode [W]	Battery type	Net weight [kg]
EM emergency lighting kit						
TrEx 1.2ft 4400/840 Mxh	0 / 40	990	630	2	NiCd HT	+1,3
TrEx 1.4ft 8800/840 Mxh	0 / 40	790	580	2	NiCd HT	+1,3

MOUNTING

