



**Hazardous**  
Lighting Solutions LTD



# HAZ-PRO-EX



With a wide range of options for ATEX projects



OIL & GAS



INDUSTRIAL  
BUILDINGS



RAIL/TUNNEL



WAREHOUSES



II 2G Ex db IIC T6 Gb Ex  
II 2D Ex tb IIIC T85 Db

## MECHANICAL FEATURES

**Housing:** UV-resistant polycarbonate profile, 5 mm thickness

**Diffuser:** Translucent UV-stable polycarbonate

**Light fitting protection:** IP66

**Reflector:** White lacquered steel plate (gear tray)

## ELECTRICAL FEATURES

**Electric equipment:** LED modules with driver

**Cable glands:** 2 entries of 3/4" NPT for cable gland (not included)

**Wiring:** Through wiring via terminal block

**Terminal Block:** 3/5 pole push-wire terminal block

## WORK PARAMETERS

**Ambient Temperatures:** -20°C + 50°C

**Lifetime:** L80B50 50,000 hours

## PHOTOMETRICAL PARAMETERS

**SDCM:** < 3

Family	Length (mm)	Luminous Flux (lm)	CRI	Light Colour (K)	Driver	Profile	Through Wiring	Emergency Kit	Emergency Battery	End Caps Colour
<b>HAZ-PRO-EX</b> <b>HAZ-PRO-EX NS</b> <b>HE:</b> non-permanent emergency	0.3/300 0.6/600 1200	<b>13:</b> 1300 <b>24:</b> 2400 <b>26:</b> 2600 <b>51:</b> 5100 <b>55:</b> 5500 <b>56:</b> 5550 <b>136:</b> 13600	>80	4000	<b>ET:</b> non-dimmable <b>EDD:</b> DALI dimmable <b>ETDD CS:</b> Casambi dimmable	<b>PC:</b> polycarbonate	3x2.5mm <sup>2</sup>	<b>EB3:</b> 3 hours <b>EB1A:</b> 1 hour + autotest <b>EB3A:</b> 3 hours + autotest	<b>FP:</b> LiFePO <sub>4</sub>	Yellow RAL 1003

## OPERATIONAL DATA

Description	Order Number	Luminous Flux (lm)	Power (W)	Efficiency (lm/W)	Emergency Luminous Flux (lm)	Colour Temp. (K)	CRI	Temperature Range
HAZ-PRO-EX 300 13-840 ET PC	10287649	1300	11	115	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 300 24-840 ET PC	10287651	2400	20	110	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 600 26-840 ET PC	10169101	2600	20	125	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 600 26-840 ET PC 3x2.5	10203309	2600	20	125	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 600 26-840 ETDD PC	10203310	2600	20	125	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 600 26-840 ETDD PC CS <sup>3</sup>	10203311	2600	20	125	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 55-840 ET PC	10169107	5500	40	120	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 55-840 ET PC 3x2.5	10203316	5500	40	120	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 55-840 ETDD PC	10203317	5500	40	120	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 55-840 ETDD PC CS <sup>3</sup>	10203318	5500	40	120	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 136-840 ET PC	10203335	13600	80	140	-	4000	>80	-20°C to +50°C
HAZ-PRO-EX 1200 136-840 ETDD PC	10203336	13600	80	140	-	4000	>80	-20°C to +50°C

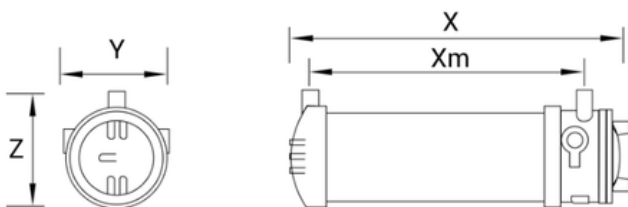
## EMERGENCY KIT

Description	Order Number	Luminous Flux (lm)	Power (W)	Efficiency (lm/W)	Emergency Luminous Flux (lm)	Colour Temp. (K)	CRI	Temperature Range
HAZ-PRO-EX 300 24-840 ET PC EB1A LFP	10414241	2400	24	100	840	4000	>80	0°C to +50°C
HAZ-PRO-EX 600 26-840 ET PC EB3A LFP	10414246	2600	30	90	870	4000	>80	0°C to +50°C
HAZ-PRO-EX 600 26-840 ETDD PC EB3 LFP	10414257	2600	30	90	870	4000	>80	0°C to +50°C
HAZ-PRO-EX 600 51-840 ET PC EB3A LFP	10414258	5100	45	115	890	4000	>80	0°C to +50°C
HAZ-PRO-EX 600 51-840 ETDD PC EB3 LFP	10414261	5100	45	115	830	4000	>80	0°C to +50°C
HAZ-PRO-EX1200 55-840 ET PC EB3A LFP	10414260	5550	45	125	980	4000	>80	0°C to +50°C
HAZ-PRO-EX 1200 56-840 ETDD PC EB3 LFP	10414259	5550	45	125	980	4000	>80	0°C to +50°C

## NON PERMENTANT EMERGENCY

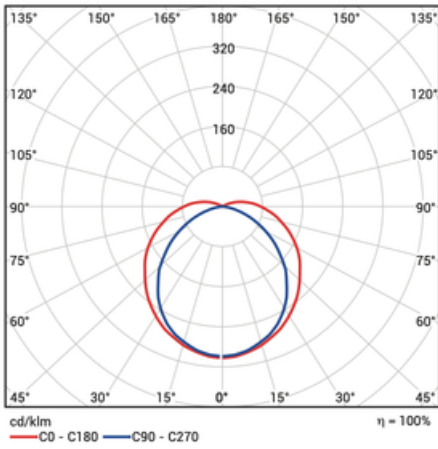
Description	Order Number	Power (W)	Emergency Luminous Flux (lm)	Colour Temp. (K)	CRI	Temperature Range
HAZ-PRO-EX 0.3 5-840 ET PC EB3A LFP	10414237	<5	460	4000	>80	0°C to +50°C
HAZ-PRO-EX 0.3 8-840 ET PC EB3A LFP	10414238	<5	840	4000	>80	0°C to +50°C
HAZ-PRO-EX 0.6 9-840 ET PC EB3A LFP	10414245	<5	890	4000	>80	0°C to +50°C

## DIMENSIONS



Description	X (mm)	Xm (mm)	Y (mm)	Z (mm)	L x W x H (mm)	Pcs./Box	Box Weight (kg)
HAZ-PRO-EX300/0.3...	485	375	157	173	510 x 170 x 220	1	4.4
HAZ-PRO-EX600/0.6...	750	640	157	173	780 x 170 x 220	1	5.9
HAZ-PRO-EX HE 1200...	1360	1250	157	173	1390 x 240 x 180	1	11.2

## PHOTOMETRY



## ACCESSORIES

- 10078101** — Eye bolts, 2 units
- 10078102** — Fixing omegas, 2 units
- 10078104** — Brass double-sealed EX cable gland seals for armoured cable



10078101



10078102



10078104