



**Hazardous**  
Lighting Solutions LTD



# HAZPRO-SMARTEX

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:** up to +40 °C

**Lifetime:** L80B50 50,000 hours

## PHOTOMETRICAL PARAMETERS

**SDCM:** < 3

FAMILY	LENGTH (mm)	CRI	LIGHT COLOUR (K)	PROFILE	THROUGH WIRING	EMERGENCY KIT	END CAPS COLOUR
HAZPRO-SMART EX	600 / 1200	8: >80	40: 4000	PC: polycarbonate	3x2.5mm <sup>2</sup>	INTELLIGENT: 3 hours	7035: grey RAL 7035

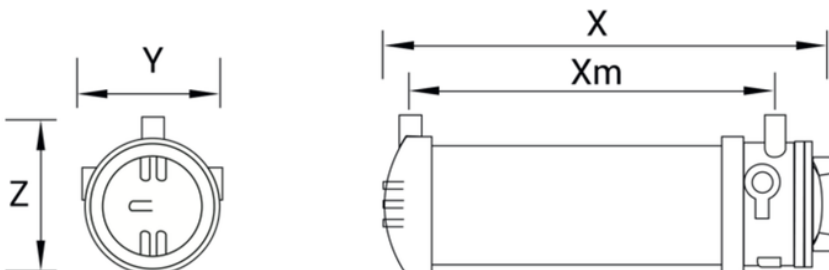
## OPERATIONAL DATA

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Emergency luminous flux (lm)	Colour temperature (K)	CRI
Haz-Pro SMART-EX1 600 20-840 ET PC 7035	10249097	2500	20	125	-	4000	>80
Haz-Pro SMART-EX2 600 20-840 ET PC 7035	10249097-EB3	2500	20	125	450	4000	>80
Haz-Pro SMART-EX2 1200 100-840 ET PC 7035	10304692R	7400	60	140	-	4000	>80
Haz-Pro SMART-EX2 1200 100-840 ET PC EB3 7035	10304694R	7400	60	124	750	4000	>80
Haz-Pro SMART-EX2 1200 100-840 ET PC EB3 7035	10304692	1100	60	124	-	4000	>80
Haz-Pro SMART-EX2 1200 100-840 ET PC EB3 7035	10304694	1100	60	124	750	4000	>80

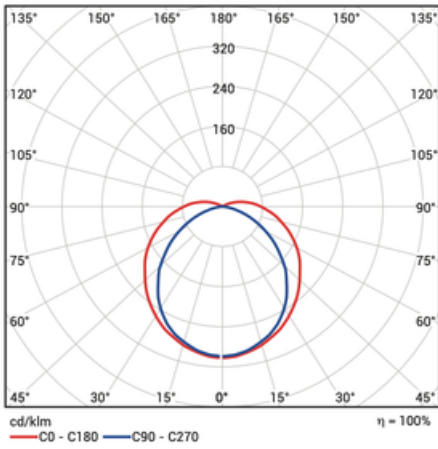
<sup>1</sup> In emergency versions maximum power consumption increases in 4W during battery charging, which is approximately 5% of the time that luminaire is on. The rest of the time power consumption is as indicated.

## DIMENSIONS & LOGISTICS

Description	X (mm)	Xm (mm)	Y (mm)	Z (mm)	L x W x H (mm)	Pcs./Box	Box (kg)	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
Haz-Pro SMART-EX1 600...	750	640	157	197	780 x 240 x 180	1	5.9	48	32 + 32
Haz-Pro SMART-EX1 1200...	1360	1250	157	197	1390 x 240 x 180	1	11.2	24	16 + 16



## 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