



CHI EVO Ex LED WEATHERPROOF



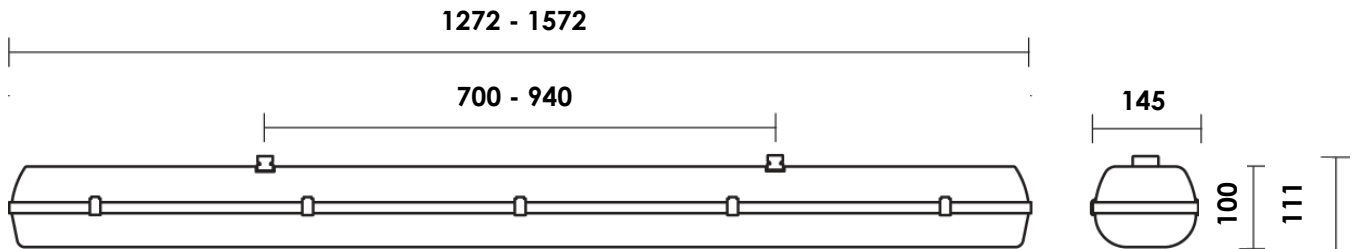
GENERAL TECHNICAL DATA & WARRANTY INFORMATION

Typical applications:	<ul style="list-style-type: none"> The light fitting is suitable for an environment with a danger of explosion of gases, dust and combustible fumes. Group II, category 3 (zone 2, 22) certified
Light source:	Mid powered LED Modules
Colour temperature:	<ul style="list-style-type: none"> 3000K* 4000K 5000K* [*Available on request]
Operating temperature range:	-25°C to 55°C
Design life:	> 50 000 hours
Typical Lumen maintenance:	L80 @ 50 000 hours
IP Rating:	IP66
Luminaire body:	UV stabilized, impact-resistant, grey polycarbonate (PC)
Luminaire clips:	Stainless steel + PA (Nylon)
Diffuser:	Translucent UV stabilized, impact-resistant polycarbonate (PC)
Impact protection grade:	IK10
Mounting options:	<ul style="list-style-type: none"> Suspended Surface mount Stand-off wall mount
Emergency option:	<ul style="list-style-type: none"> 1Hr 3Hr [Available on request]
Power supply:	220V to 240V AC 50/60 Hz
Power factor:	0.98
Insulation classification:	Class 1
Weight:	3.2 kg – 4.4 kg
Ex ratings:	Ex nA IIC T6 Gc; Ex tc IIIC T85°C Dc IP65
IA Certificate No.	S-XPL/19.0157 X
Warranty:	5 year warranty [This warranty only covers defects or malfunctions caused during the manufacturing process or premature component failures that occur under normal operating conditions]



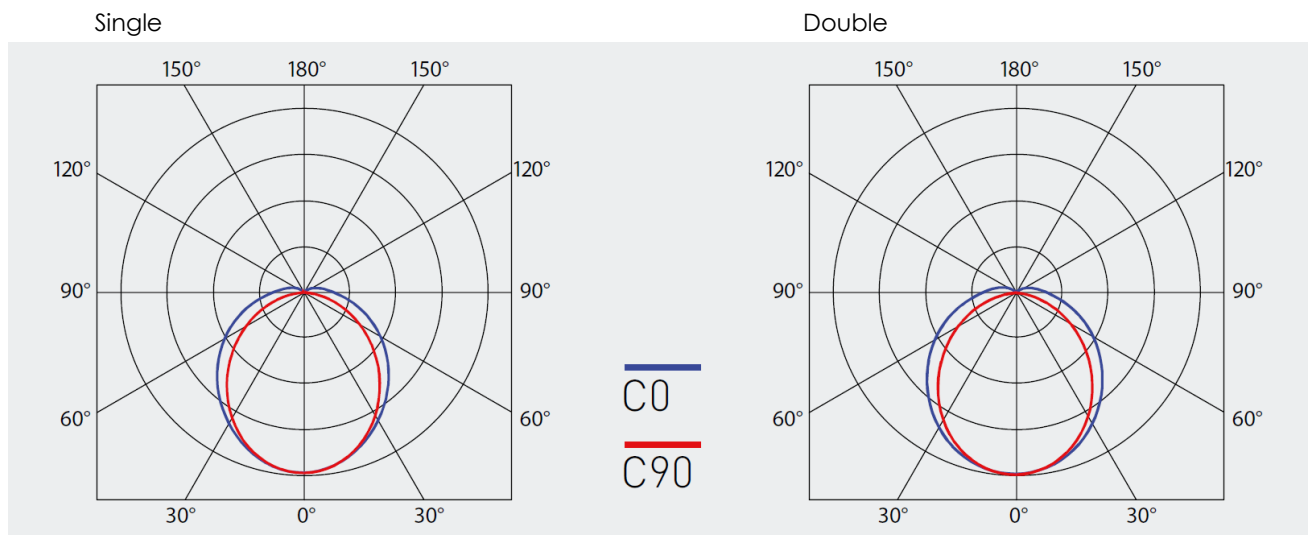
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DIMENSIONS



TYPICAL LIGHT DISTRIBUTION

- POLAR DIAGRAM



- For best light distribution option please request a lighting design for specific application.



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PRODUCT VARIATIONS & ORDERING CODES

Type	Typical Power Consumption (W)	Effective Lumen output *1 (lm)	CCT (K)	CRI *1	Lumen Maintenance *2	Efficacy (lm/W) *1	Length (mm/Ft)	Width (mm)	Weight (Kg)
SI	22	2910	4000	80	L80	132	1272	145	3.2
	30	4000				133			3.3
	27	3640				135	1572		4.1
	37	5010				135			4.2
DB	42	5820				139	1272		3.4
	58	8010				138			3.5
	53	7280				137	1572		4.3
	71	10010				141			4.4

KEY's & IMPORTANT NOTES

(*1) Measurement precision for flux +/- 5%, for efficacy +/- 6%, for CRI +/- 1.5

(*2) Lumen maintenance L80 = 80% of initial flux @ ta 35°C Max / 50 000hrs

- **E.&O.E.** (errors and omissions excepted)
- **Important note:**
Due to the rapid development in LED technology the performance values, power consumption and lumen output levels stated above are subject to change without prior notice.