



GENLUX LIGHTING

a lighting technology company

ALENA LED SURFACE



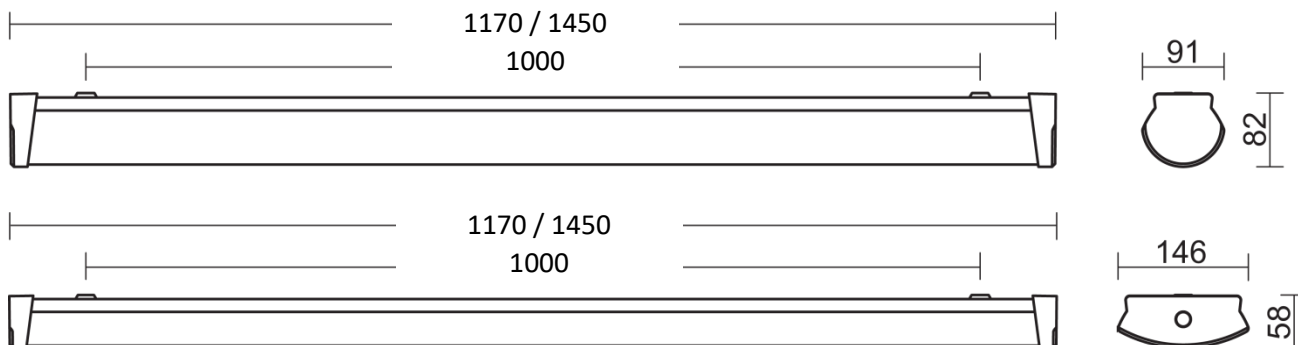
GENERAL TECHNICAL DATA & WARRANTY INFORMATION

Typical applications:	<ul style="list-style-type: none"> • General offices • Retail spaces • Hallways & Corridors • Class rooms & lecture rooms • Terminal halls • Hospitals
Light source:	Mid powered SMD LED Modules
Colour temperature:	<ul style="list-style-type: none"> • 3000K* • 4000K • 6500K* [*Available on request]
Max operating temperature:	35°C
Typical Lumen maintenance:	L90B10 @ 50 000 hours
IP Rating:	IP20
Luminaire housing:	CNC punched and formed mild steel sheet metal, finished with a durable white (RAL 9003) powder-coated paint
Diffuser:	UV stabilized, impact-resistant translucent polycarbonate (PC)
Mounting options:	<ul style="list-style-type: none"> • Surface • Suspended* [*Available on request]
Dimmable:	DALI* [*Available on request]
Emergency back-up	<ul style="list-style-type: none"> • M1h – 1hr* [*Available on request]
Power supply:	220V to 240V AC 50/60 Hz
Power factor:	0.98
Insulation classification:	Class 1
Weight:	0.8kg – 3.1 kg
Compliance standard/s:	IEC 60598-2-1
Warranty:	<ul style="list-style-type: none"> • 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

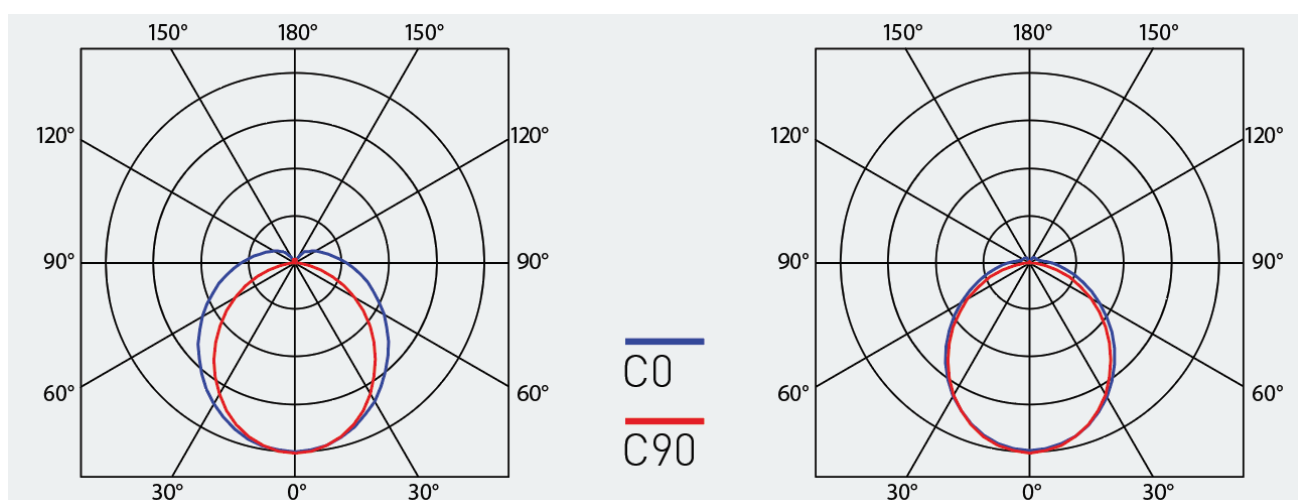


TYPICAL LIGHT DISTRIBUTION OPTIONS

- POLAR DIAGRAM/S

Single

Double



- 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/*3	Lumen Maintenance *2	Efficacy (lm/W) *1	Weight (Kg)	Length (mm)
SI – 4ft	18	1910	4000	80	L90	106	1.5	1170
	22	2360				107	1.4	
SI – 5ft	22	2310				105	1.9	1450
	27	2910				108	1.8	
DB – 4ft	35	3770				108	2.4	1170
	42	4640				110	2.3	
DB – 4ft	44	4750				108	3.1	1450
	53	5800				109	2.9	

KEY'S & IMPORTANT NOTES

(*1) Measurement precision for flux +/- 5%, for efficacy +/- 6%, for CRI +/- 1.5
(*2) Lumen maintenance L90 = 90% of initial flux @ ta 35°C / 50 000hrs
(*3) 90 CRI Available on request

- **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.