



# ALENA LED SURFACE



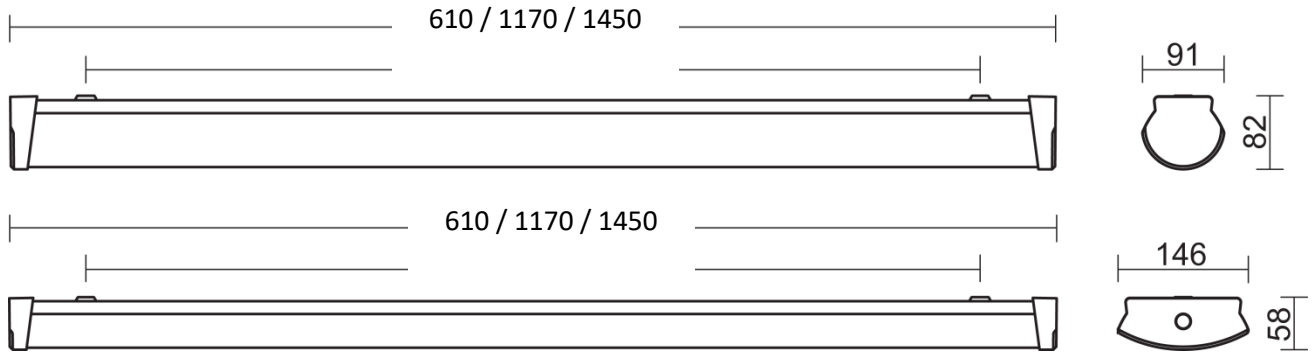
## GENERAL TECHNICAL DATA & WARRANTY INFORMATION

<b>Typical applications:</b>	<ul style="list-style-type: none"> <li>• General offices</li> <li>• Retail spaces</li> <li>• Hallways &amp; Corridors</li> <li>• Class rooms &amp; lecture rooms</li> <li>• Terminal halls</li> <li>• Hospitals</li> </ul>
<b>Light source:</b>	Mid powered SMD LED Modules
<b>Colour temperature:</b>	<ul style="list-style-type: none"> <li>• 3000K*</li> <li>• 4000K</li> <li>• 6500K*</li> </ul> [*Available on request]
<b>Max operating temperature:</b>	35°C
<b>Typical Lumen maintenance:</b>	L90B10 @ 50 000 hours
<b>IP Rating:</b>	IP20
<b>Luminaire housing:</b>	CNC punched and formed mild steel sheet metal, finished with a durable white (RAL 9003) powder-coated paint
<b>Diffuser:</b>	UV stabilized, impact-resistant translucent polycarbonate (PC)
<b>Mounting options:</b>	<ul style="list-style-type: none"> <li>• Surface</li> <li>• Suspended*</li> </ul> [*Available on request]
<b>Dimmable:</b>	DALI* [*Available on request]
<b>Emergency back-up</b>	<ul style="list-style-type: none"> <li>• M1h – 1hr*</li> </ul> [*Available on request]
<b>Power supply:</b>	220V to 240V AC 50/60 Hz
<b>Power factor:</b>	0.98
<b>Insulation classification:</b>	Class 1
<b>Weight:</b>	0.8kg – 3.1 kg
<b>Compliance standard/s:</b>	IEC 60598-2-1
<b>Warranty:</b>	<ul style="list-style-type: none"> <li>• 5 year warranty</li> </ul> [This warranty only covers defects or malfunctions caused during the manufacturing process or premature component failures that occur under normal operating conditions]



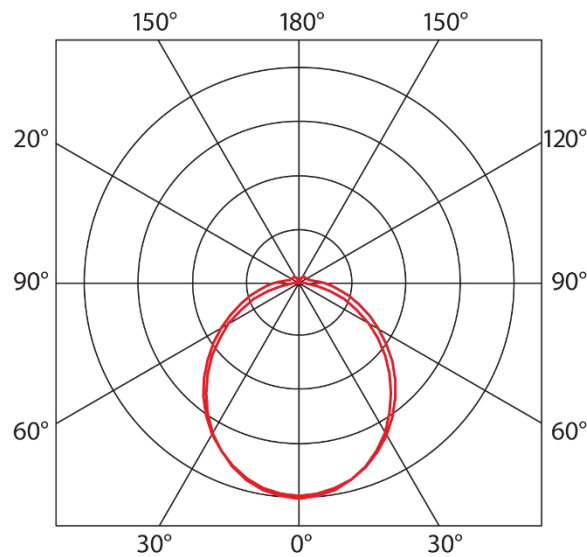
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## DIMENSIONS



## TYPICAL LIGHT DISTRIBUTION OPTIONS

- POLAR DIAGRAM/S



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



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## PRODUCT VARIATIONS & ORDERING CODES

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)	Ordering Code
12	1250	4000	80	L90	104	0.8	610	54120
22	2350				107	1.3		54220
	2360				1170	1.4	54140	
42	4640					110	2.3	54240
27	2910				108	1.8	1450	54150
53	5800				109	2.9		54250

### 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.