



FLOODLIGHTING

TRENT 2 LED AL5500



Benefits

- Maximum glare control allows for mounting indoors or at lower height to avoid glare for site users
- Aesthetic styling suitable for architectural and commercial locations

Technical Features

- IP66 and IK08 rated
- Class I as standard, Class II available on select ranges upon request
- Class I has surge protection fitted, up to 10kV protection
- Body 4 & 5 consist of a symmetrical distribution with 3 beam widths
- Body 8 & 9 consist of street lighting optics
- Multiple wattages available in all versions
- Programmable drivers on selected versions
- Die cast aluminium and front frame, degreased and phosphor chromate treated with surface protection coat & polyester powder coating
- Double goniometric scale for ease of vertical aiming on site for body styles 4 & 5
- Tempered glass with high temperature thermal shock resistance, mechanically fixed into the frame
- Pressure compensation filter on the body
- High efficiency metalised polycarbonate vacuum formed reflectors
- Power correction factor >0.90
- StIRRup for bodies 4 & 5
- 60 or 76mm diameter post mount for bodies 8 & 9
- Access options : Hexagon stainless steel screws, or tool-less access by stainless steel securing clip. State on order
- Bodies 4 & 5 come with Multichip Philips Luxeon M LEDs
- Bodies 8 & 9 come with Luxeon T e or Cree XM-L2 LEDs



Symmetrical Small body 4
Low-medium lumen output



Symmetrical Large body 5
Medium-high lumen output



Street Optic Small body 8
Low-medium lumen output



Street Optic Large body 9
Medium-high lumen output

- Mounted on a pressed aluminium circuit, highly heat dissipating Metal Core Printed Circuit Board
- Photobiological Risk Group exempt based on EN62471

Applications

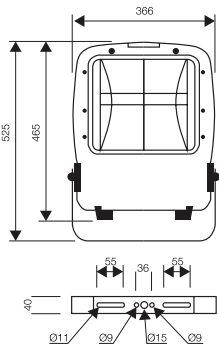
- Area • Sport

Colour

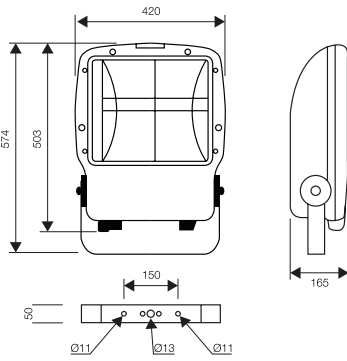
- Light Grey

Dimensions

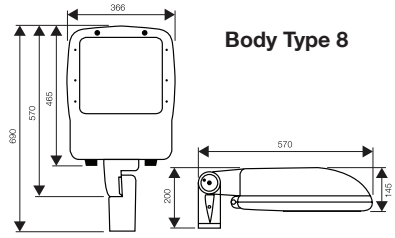
Dimensions in mm



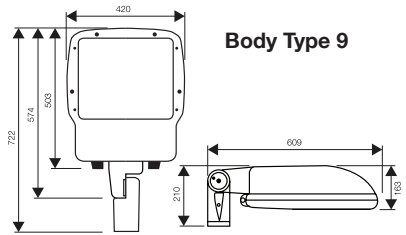
Body Type 4



Body Type 5



Body Type 8

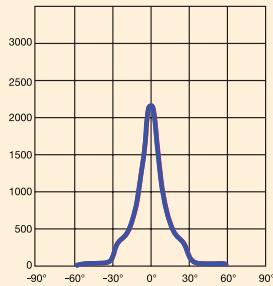


Body Type 9

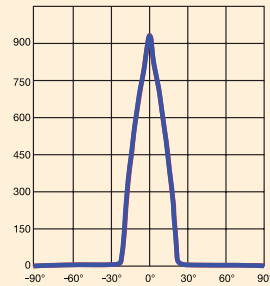
Key features

1. Symmetric Body 4

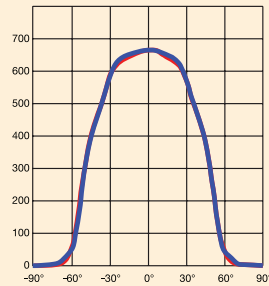
Vertical — Horizontal



AL5541 30°



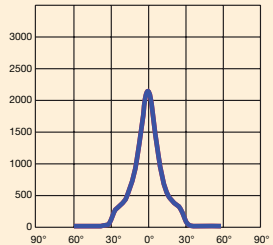
AL5542 60°



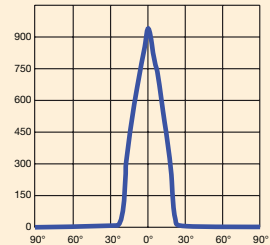
AL5544 80°

2. Symmetric Body 5

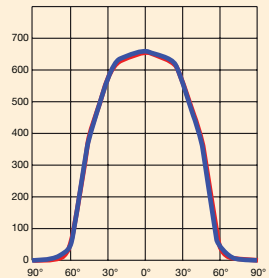
Vertical — Horizontal



AL5551 30°

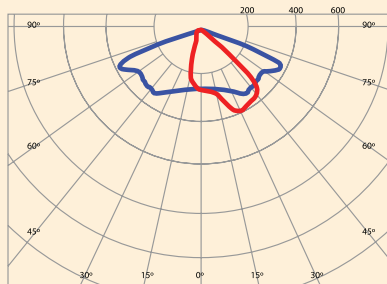


AL5552 60°



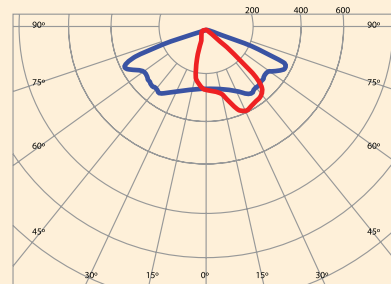
AL5554 80°

3. Street Optic Body 8 Vertical — Horizontal



AL5580 15°

4. Street Optic Body 9 Vertical — Horizontal



AL5590 15°



Technical Specifications

	Wattage (Total Inc Driver)	Number of LEDs	Nominal Lumen Output (lm)	Lumen Output (lm)	L80 Hours (Ta=25°)	CCT & CRI	Fixed Current Driver	Program-mable Driver	Running Current	Sym-metrical Beam Width	Body Type	Weight (kg)	Wind Area (m2)
AL5541	60W	9	8350	7390	>70000	4000K / >70 CRI	Y	N	530mA	30°	4	11.3kg	0.077
	78W	12	10930	9670	>70000		Y	N	530mA	30°	4	11.3kg	0.077
	100W	16	14200	12600	>65000		Y	N	530mA	30°	4	11.3kg	0.077
AL5542	60W	9	8350	7390	>70000	4000K / >70 CRI	Y	N	530mA	60°	4	11.3kg	0.077
	78W	12	10930	9670	>70000		Y	N	530mA	60°	4	11.3kg	0.077
	100W	16	14200	12600	>65000		Y	N	530mA	60°	4	11.3kg	0.077
AL5544	60W	9	8350	7390	>70000	4000K / >70 CRI	Y	N	530mA	80°	4	11.3kg	0.077
	78W	12	10930	9670	>70000		Y	N	530mA	80°	4	11.3kg	0.077
	100W	16	14200	12600	>65000		Y	N	530mA	80°	4	11.3kg	0.077
AL5551	134W	16	17740	15700	>60000	4000K / >70 CRI	Y	N	700mA	30°	5	13kg	0.087
	144W	20	19430	17200	>60000		N	Y	600mA	30°	5	13kg	0.087
AL5552	134W	16	17740	15700	>60000	4000K / >70 CRI	Y	N	700mA	60°	5	13kg	0.087
	144W	20	19430	17200	>60000		N	Y	600mA	60°	5	13kg	0.087
AL5554	134W	16	17740	15700	>60000	4000K / >70 CRI	Y	N	700mA	80°	5	13kg	0.087
	144W	20	19430	17200	>60000		N	Y	600mA	80°	5	13kg	0.087

LIGHT DISTRIBUTION TYPE: Symmetric

MOUNT: Stirrup or wall mount

	Wattage (Total Inc Driver)	Number of LEDs	Nominal Lumen Output (lm)	Lumen Output (lm)	L80 Hours (Ta=25°)	CCT & CRI	Fixed Current Driver	Program-mable Driver	Running Current	Body Type	Weight Spigot (kg)	Weight Wall Mount (kg)	Wind Area (m2)
AL5580	52W	24	6540	5500	>70000	4000K / >70 CRI	Y	N	700mA	8	9.68kg	10.83kg	0.083
	65W	30	8150	6850	>70000		Y	N	700mA	8	9.68kg	10.83kg	0.083
	79W	36	9370	7880	>65000		Y	N	700mA	8	10.68kg	11.83kg	0.083
	91W	42	10980	9230	>65000		Y	N	700mA	8	10.68kg	11.83kg	0.083
AL5590	106W	49	13200	11100	>70000	4000K / >70 CRI	Y	N	530mA	9	13kg	14.25kg	0.112
	120W	56	14850	12480	>70000		Y	N	530mA	9	13kg	14.25kg	0.112
	134W	42	16300	14600	>65000		Y	N	530mA	9	13kg	14.25kg	0.112

LIGHT DISTRIBUTION TYPE: Street Optic

MOUNT: Spigot or wall mount