



LA3 & LA6 - Acorn



Product Family Name:	Acorn LED
Product Family Code:	LA3 & LA6 (W)
LED Brand:	Philips Lumileds Luxeon M
LED Colour Temp:	3000K, 4000k or 5000k
CRI:	70
Light Source Replaceable:	Yes
Power Supply:	not included
Optical Type:	Individual
Optical Distribution:	Road Type II, III, IV & Area Type V & SPOT 29°, 64°, 82°
Optical Cover/Lens:	Optional (affix W)
Dimmable:	Yes
Photocell:	n/a
Power Cable:	Optional
IP Rating:	IP20 unlensed or IP67 with lens (affix W)
Mounting:	Centre mount (without lens only) or side Bracket fixing M4
Aiming Angles:	n/a
UMSUG Codes:	Yes

Input Voltage:	LA3/33v, LA6/66v
Control Signal:	(set by driver)
Chassis Material:	Cast Aluminum ADC12
Chassis Colour:	Painted (Black)
Optical Cover/lens material:	None (polycarbonate optional)
Mechanical Accessories:	n/a
Weight:	0.8kg
System Power:	LA3 >47w & LA6 >48w (depending on drive current)
Luminous flux:	LA3 >4400 & LA6 >6300 lumens (varies on drive current)
LED Luminaire efficacy:	114 to 131lm/w
Surge Protection	n/a
Working Temp:	-40 to +50°C
Lifetime:	L90 at >50,000hrs

Photometry

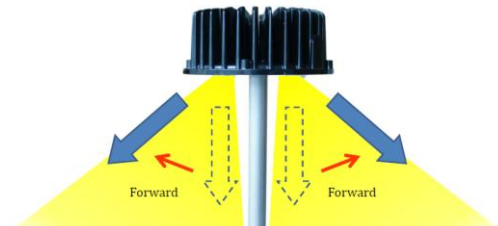
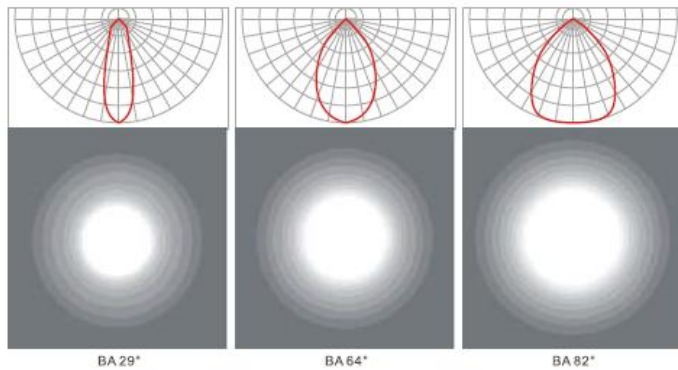
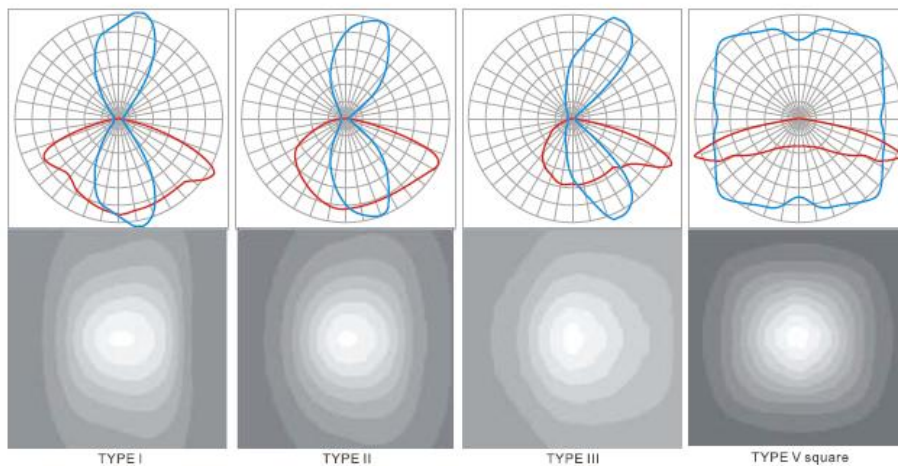


Illustration of Type V distribution



Drive Current (mA)	Circuit Watts	Lumen Output	No. Of LEDs
Model: LA3			
350	12	1524	3
500	17	2214	3
700	24	3100	3
1000	36	4400	3
Model: LA3W			
350	12	1398	3
500	17	2142	3
700	24	3000	3
1000	36	4200	3
Model: LA6			
350	24	3150	6
500	34	4462	6
700	48	6300	6
Model: LA6W			
350	24	3000	6
500	34	4285	6
700	48	6000	6