



PALLAS Series LED Street Light

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Innovative Design
Outstanding Performance

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PALLAS Series LED Street Light

PALLAS Series LED Street Light provides uncompromising optical performance at 130-135 lm/W with top brand LED chips and LED drivers with KINGSUN self-developed high performance lens. The compact design incorporates the heat sink directly into the body to prolong LED life. Future-proof design for smart controlling with 3 to 7 pins NEMA receptacle. Applicable for a wide variety roads with power ranging from 23W – 200W.

Features

Applications

- Designed for alleys, walkways, parks, gardens, city roads, country roads and highway.

Mounting methods

- Luminaire for inclination angle for mounting -5°, 0°, 2.5° and 5°.

Housing & Finishing

- This fixture has a die-casted aluminium housing with integrated heat sink for maximum heat transfer and long LED life.
- Back shield/hood optional for a guard against wildlife.
- Corrosion resistant polyester powder coating.
- Standard color: gray.
- Custom color available.

LED & Optical system

- Utilizes high brightness LEDs, minimum 70CRI at 4000K typically (3000K and 5000K optional).
- LM—79 tests and reports in accordance with IESNA standards.
- With asymmetrical wide light intensity distribution (A3M315, A3M320 and A3M328).
- Lumen maintenance per TM21.
- Optic lens: polycarbonate, UV resistant.
- Other beam characteristics are available for customer specific lighting tasks.

Electrical

- UL version: standard 120~277VAC with 347~480VAC optional.
- CE version :120 -240VAC, 50/60Hz (for PALLAS 1) and 100-277VAC,50/60Hz (for PALLAS 2 and PALLAS 3).
- Multi-level integral 10KV surge protection (20KV is optional)
- Aluminum core printed circuit board.
- 0-10V dimming standard and DALI dimming optional.

Ratings

- UL and DLC Premium Listed.
- IP 66, IK09 and compliance with requirement of RoHS.





World famous brand LED chips with state-of-the-art optical (e.g. Lumileds 5050 and Cree MHB) and I M80 report available



UL/CE/ENEC certified LED drivers



Stand-alone 10KV surge protection device (20KV is optional)



Back shield/hood optional for a guard against wildlife



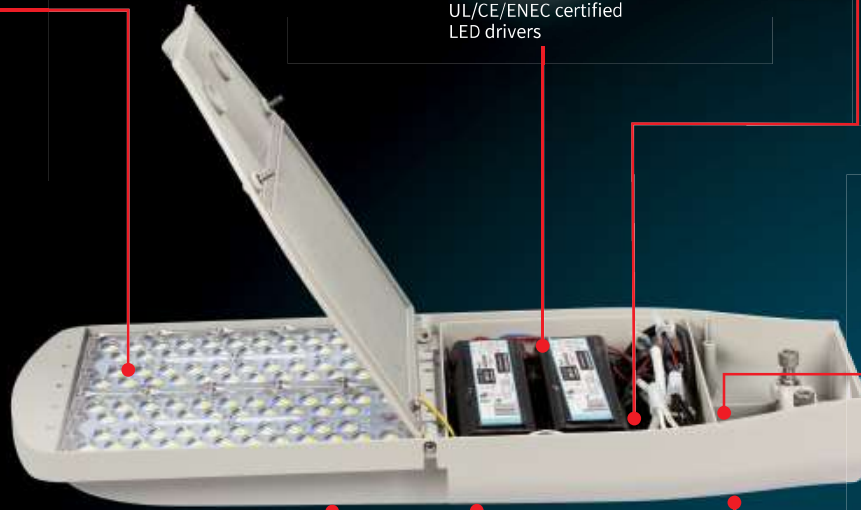
Adjustable tilt angle: -5°, 0°, 2.5° and 5°



Die-casted aluminium housing with integrated heat sink

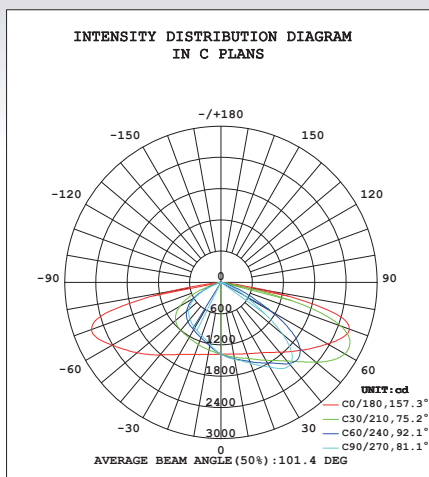


Standard delivered without photo-cell and 3-7pins NEMA receptacle is optional.



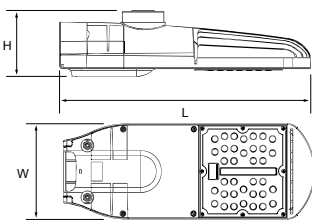
PALLAS 1 Series LED Street Light

PALLAS 1 luminaire is designed for customers requiring a LED solution for Alleys, Walkways, Parks and Gardens and has elegant aesthetic appearance with three powers typically (23w, 33w and 47w) for flexibility, average system efficiency 130lm/W.



Weight:	2.59kg
IP Class :	IP66
IK Grade:	IK09

Dimensional drawing



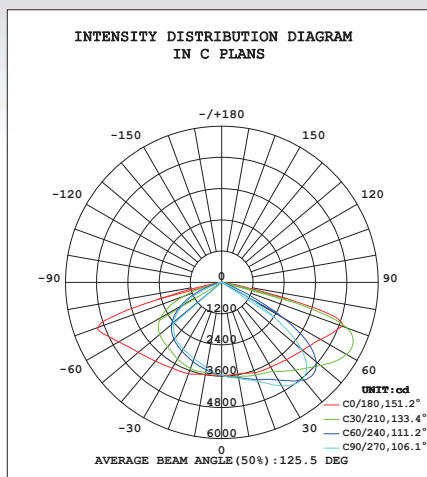
Lighting Source & Optical Specifications	
LED Light Source	Lumileds/Cree
LED Color Temperature	4000K (Options: 3000K and 5000K)
Color Rendering Index	Ra>70
L70 Hours @ 25°C	100,000 hours
Optics lens	Polycarbonate plastic
Light Distribution	Type III
Electrical	
Input voltage	120-277VAC,50/60Hz (UL version); 120-240VAC,50/60Hz (CE version)
Power Factor	>0.9
Surge protection	10KV (20KV is optional)
LED driver	Top brand (0-10V and DALI optional)
Mechanical	
Housing	Die cast aluminum
Heatsink	Die cast aluminum
IK Class	IK09
Installation	
	Side entry mounting
	Standard tilt angle side entry 0°
	Adjustable tilt angle -5°, 2.5° and 5°

Product range (Operating temperature / humidity -20°C~40°C/10~90%)

Model No.	Nominal Power (W)	Number of LEDs	Nominal Flux @		
			4000K (lm)	Lens	Dimensions (mm)
RL031020	23	15	3030	A3	L391 x W147 x H84
RL0310201	33	16	4340	A3	L391 x W147 x H84
RL0310202	47	20	6160	A3	L391 x W147 x H84

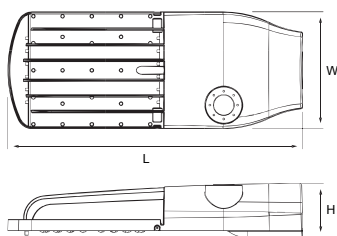
PALLAS 2 Series LED Street Light

PALLAS 2 luminaire is designed for customers requiring a LED solution for City roads and Country roads and has elegant aesthetic appearance with three powers typically (75w, 90w and 110w) for flexibility, average system efficiency 130lm/W.



Weight:	4.37kg
IP Class :	IP66
IK Grade:	IK09

Dimensional drawing



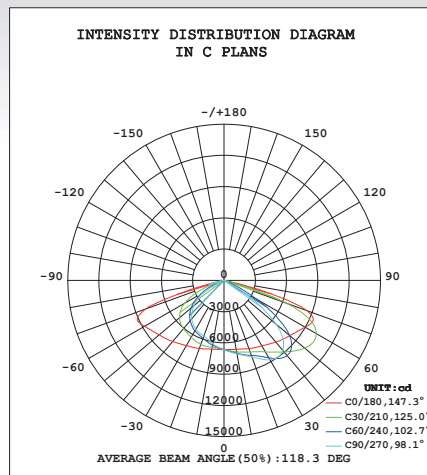
Lighting Source & Optical Specifications	
LED Light Source	Lumileds/Cree
LED Color Temperature	4000K (Options: 3000K and 5000K)
Color Rendering Index	Ra>70
L70 Hours @ 25°C	100,000 hours
Optics lens	Polycarbonate plastic
Light Distribution	Type III
Electrical	
Input voltage	120-277VAC,50/60Hz (UL version); 100-277VAC,50/60Hz (CE version)
Power Factor	>0.9
Surge protection	10KV (20KV is optional)
LED driver	Top brand (0-10V and DALI optional)
Mechanical	
Housing	Die cast aluminum
Heatsink	Die cast aluminum
IK Class	IK09
Installation	
Side entry mounting	
Standard tilt angle side entry 0°	
Adjustable tilt angle -5°, 2.5° and 5°	

Product range (Operating temperature / humidity -20°C~40°C/10~90%)					
Model No.	Nominal Power (W)	Number of LEDs	Nominal Flux @ 4000K (lm)	Lens	Dimensions (mm)
RL051032	75	32	9910	A3	L530 x W210 x H111
RL051040	90	40	12000	A3	L530 x W210 x H111
RL051048	110	48	14530	A3	L530 x W210 x H111



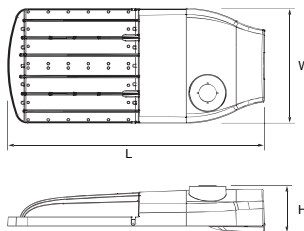
PALLAS 3 Series LED Street Light

PALLAS 3 luminaire is designed for customers requiring a LED solution for Main city roads and Highway and has elegant aesthetic appearance with four powers typically (130w, 155w, 180w and 200w) for flexibility, average system efficiency 130lm/W.



Weight:	6.39kg
IP Class :	IP66
IK Grade:	IK09

Dimensional drawing



Lighting Source & Optical Specifications	
LED Light Source	Lumileds/Cree
LED Color Temperature	4000K (Options: 3000K and 5000K)
Color Rendering Index	Ra>70
L70 Hours @ 25°C	100,000 hours
Optics lens	Polycarbonate plastic
Light Distribution	Type III
Electrical	
Input voltage	120-277VAC,50/60Hz (UL version); 100-277VAC,50/60Hz (CE version)
Power Factor	>0.9
Surge protection	10KV (20KV is optional)
LED driver	Top brand (0-10V and DALI optional)
Mechanical	
Housing	Die cast aluminum
Heatsink	Die cast aluminum
IK Class	IK09
Installation	
	Side entry mounting
	Standard tilt angle side entry 0°
	Adjustable tilt angle -5°, 2.5° and 5°

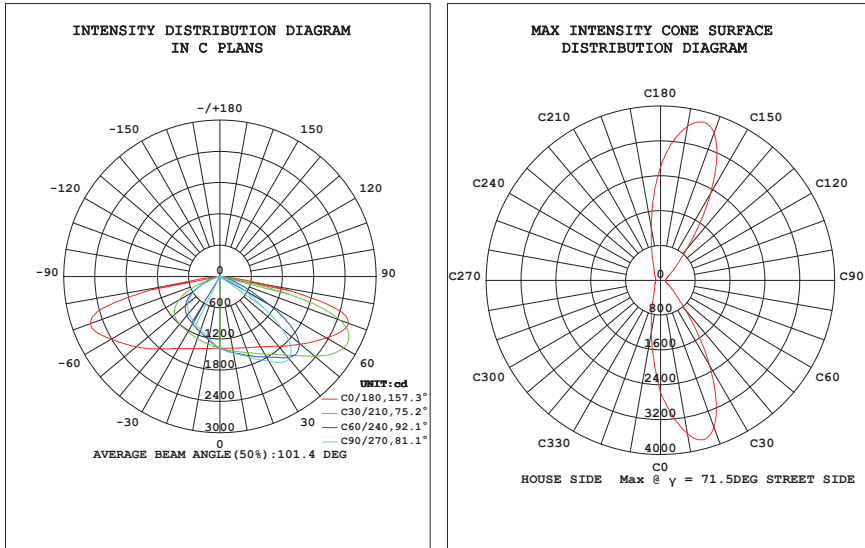
Product range (Operating temperature / humidity -20°C~40°C/10~90%)

Model No.	Nominal Power (W)	Number of LEDs	Nominal Flux @		Dimensions (mm)
			4000K (lm)	Lens	
RL0711056	130	56	17435	A3	L580 x W290 x H125
RL0711068	155	68	21055	A3	L580 x W290 x H125
RL0711080	180	80	24495	A3	L580 x W290 x H125
RL0711088	200	88	26790	A3	L580 x W290 x H125

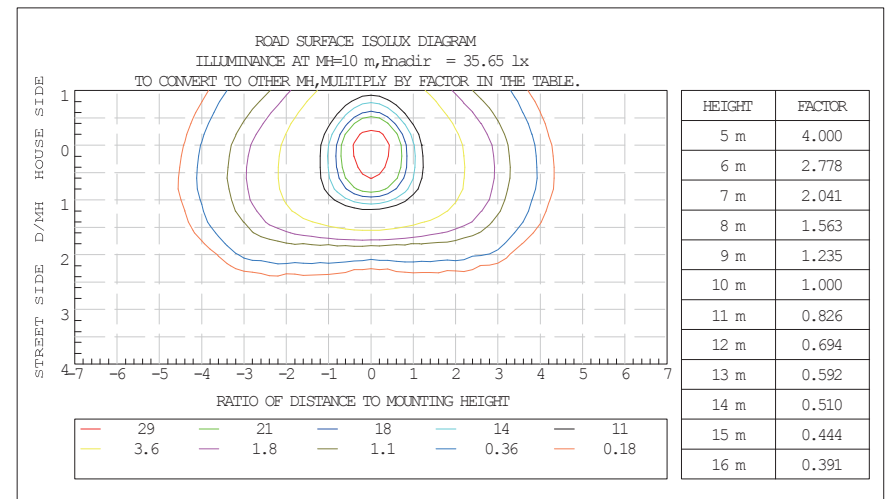
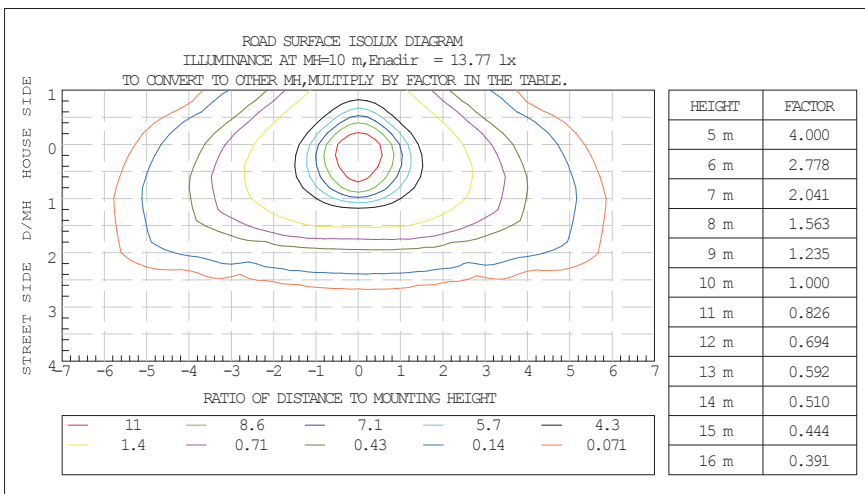
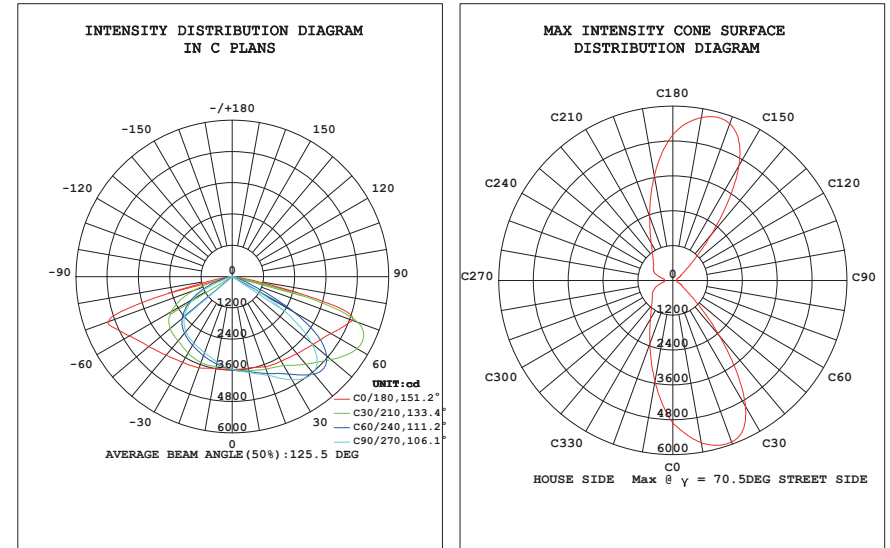


Photometrics

Optics code: A3M315 (PALLAS 1)
Type III Medium



Optics code: A3M320 (PALLAS 2)
Type III Medium



Optics code: A3M328 (PALLAS 3)
Type III Medium

