

americanlite®

LDA INCORPORADO
MANUFACTURERS REPRESENTATIVE

Vanguard™

20w/30w/40w/50w/60w/80w
90w/100w/120w/150w

Product Information



Type II | Type III

CE | RoHS

IP67 | IK09 | LM79

Lumens 130LxW | 50,000 | 6kV Surge Protector

VOLTS 100-277 | PF >.95 | THD <15%

CCT 5000K | LM80 | CRI >70

SDCM <5 | -20°C~+50°C | 5 YEAR Warranty

The Vanguard™ Series combines impressive aesthetics and state-of-the- art optical control resulting in significant energy savings. The Vanguard™ luminaire offers a choice of 2 precision engineered optical distributions that deliver superior control and maximize light levels.

The Vanguard™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. The rugged, die-cast fixture housing is IP67 rated, which provides years of reliable operation with minimal service requirements. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear. The Vanguard™ luminaire is available in Type II and III distributions with lumen packages ranging from 2,600 to 19,500 lumens.

The Vanguard™ luminaire shapes the distribution and maximize the performance. Designed with high efficiency optics, includes Philips® Luxeon LED chips, UL driver (>50w) with built in 6kV surge protector UL, CE, approved and IP67 rated. Universal voltage capacity 100v-277v 50/60Hz. 0-10v Dimmable driver is optional, and a powerful 10KV surge protector can be also installed for higher protection levels.

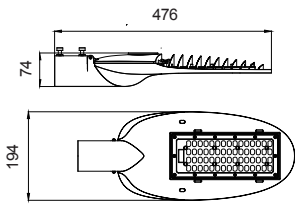
Whether the application is a roadway, parking lot or pedestrian walkway, The Vanguard™ luminaire will perform at the highest levels, providing energy savings and low maintenance for the years to come.

Specifications

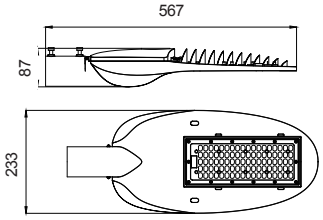
	20w	30w	40w	50w	60w	80w	90w	100w	120w	150w
Total power (W)	20	30	50	50	60	85	90	100	120	150
Driver power (W)	20	30	50	50	60	80	100	100	120	150
Driver Output (V)	30~42	30~42	24~42	24~42	24~42	24~42	30~42	30~42	30~42	30~42
Current (A)	0.48	0.75	0.98	1.2	1.52	1.97	2.3	2.4	2.85	3.6
Lumen from LED (at 6000K)	3200	4800	6400	8000	9600	12800	14400	16000	19200	24000
Lumen from fixture (at 6000K)	2600	4000	5200	6500	7800	10400	11700	13000	15600	19500
LED Efficiency (lmxw)	130	130	130	130	130	130	130	130	130	130
HPS equivalent (W)	50	75	100	125	150	200	225	250	300	375

Dimensions (mm)

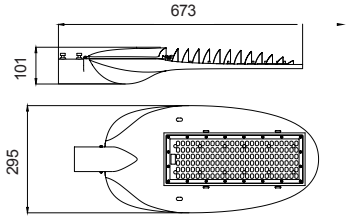
20w/30w40w/50w/60w



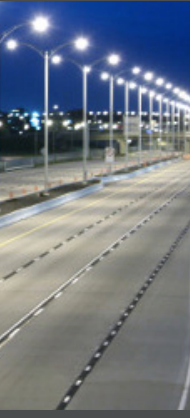
80w/90w/100w



120w/150w



Arm compartment: Ø62mm is compatible for 45~60mm
Optional arm coupling Ø 35-45 mm
Tolerance: ±0.5mm



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Vanguard™

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90w/100w/120w/150w

Ordering information

Item	Watts	Dist. Type	Lumens
AL574765	20w	II	2600
AL574766	30w	II	4000
AL574767	40w	II	5200
AL574768	50w	II	6500
AL574769	60w	II	7800
AL574770	80w	II	10400
AL574771	90w	II	11700
AL574772	100w	II	13000
AL574773	120w	II	15600
AL574774	150w	II	19500
AL574775	20w	III	2600
AL5747765	30w	III	4000
AL574777	40w	III	5200
AL574778	50w	III	6500
AL5747795	60w	III	7800
AL574780	80w	III	10400
AL574781	90w	III	11700
AL574782	100w	III	13000
AL574783	120w	III	15600
AL574784	150w	III	19500

Options

Blank	6000K
3	3000K
4	4000K
5	5000K

Blank	3 Pin Photocell
D	0-10V Dim Driver
SB	No Photobase
5P	5 Pin Photocell
7P	7 Pin Photocell
5B	5 Pin Photobase
7B	7 Pin Photobase
S1	10kV Surge Protector
A	Arm coupling 35-45mm
G	Glass cover

Notes:

- All photocells & Photobase are UL or ETL
- 3 Pin Photocell = #JL-205C Electronic Fail On (Fail off available) 235 Joule
- 5/7 Pin Photocell = #JL241C Electronic Fail on 640 Joules
- 3 Pin Photobase = #JL200
- 5-7 Pin photobase = # JL-240X
- LED Drivers are IP67 (UL Certificate >50w others CE)
- Glass Cover = 120 l x w / Not available for 20w & 30w
- Dimming option not available for 20-30-40 & 50w
- 5KV surge protection for 20W, 30W, 40W & 50W
- Power Factor: 20w/30w @ >0.92
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Tests / Certificates:

- IP67 = EN 60529:1991+AC:2016-12
- IK09 = IEC 62262:2002
- Salt spray test according to EIN ISO 9227:2012 = 1000 hours Pass
- LVD Standards:
- EN 60598-2-3:20003+A1:2011
- EN 60598-1:2015+AC:2016
- EMC Standards:
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- TM21

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
20w/30w/40w/50w/60w	5	59 x 50 x 23	0.0678	11
80w/90w/100w	4	59 x 51 x 26	0.0782	14
120w/150w	4	56 x 69 x 32	0.1236	18

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