



An Advanced Lighting Technologies Company, USA

LED STREETLIGHT

Luma

316 Series

616 Series

Product ID *	L	W	H
VL/STL-316-LED03057	396	108	95
VL/STL-316-LED04557	396	108	95
VL/STL-316-LED06057	235	280	155
VL/STL-316-LED09057	319	280	155
VL/STL-316-LED10057	319	280	155
VL/STL-316-LED12057	403	280	155
VL/STL-316-LED15057	487	280	155
VL/STL-316-LED18057	571	280	155
VL/STL-316-LED20057	571	280	155

All dimensions are in "mm"



Specifications & features

- * Extrusion aluminum housing and die cast aluminum end frames with high efficient optical grade Polymer acrylic lenses
- * 50% energy saving vs Conventional HID Street light
- * Unique driverless system for high reliability.
- * Integrated LED Chips and components in module with PF > 95%
- * Innovative AC voltage technology to direct power by 180 - 270V.
- * Equipped with 10KV Surge suppression Protection
- * Color Rendering Index (CRI) >= 75
- * Working ambient temperature -25° C to +50° C
- * Rated Life 50,000 Hrs (Ta = 30° C @ L70)
- * High intensity of illumination with 60 x 135° view angle
- * Excellent uniform diffuse & glare control
- * Flicker free with instant start electronic operation
- * Electric wave & radio interference resistant
- * Without mercury, UV & IR radiation
- * Class I Electric Strength
- * IP 65 Ingress Protection
- * ROHS compliant

Applications

- * Secondary Road
- * Highways
- * Walkways
- * Parking lot
- * Security lighting
- * Roundabouts & road junctions
- * Residential & Industrial areas

Installation & Maintenance

- * Side entry mounting and suitable to mount of max 60mm OD pole/pipe bracket
- * Power supply should be disconnected from fixture during service

Note: Earthing (*) must be connected properly to avoid premature failure.

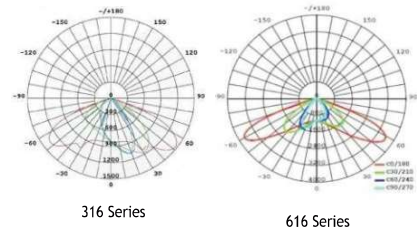


Technical & Ordering Information

Product ID/ Ordering code	Product Description	Wattage (W)	Nominal Voltage (V)	Mains Current (A)	CCT (K)	lumen (lm)
VL/STL-316-LED03057	Luma HVAC LED streetlight 30/CW IP65	30	230	0.135	5700	3000
VL/STL-316-LED04557	Luma HVAC LED streetlight 45/CW IP65	45	230	0.205	5700	4500
VL/STL-316-LED06057	Luma HVAC LED streetlight 60/CW IP65	60	230	0.274	5700	6000
VL/STL-316-LED09057	Luma HVAC LED streetlight 90/CW IP65	90	230	0.410	5700	9000
VL/STL-316-LED10057	Luma HVAC LED streetlight 100/CW IP65	100	230	0.455	5700	10000
VL/STL-316-LED12057	Luma HVAC LED streetlight 120/CW IP65	120	230	0.540	5700	12000
VL/STL-316-LED15057	Luma HVAC LED streetlight 150/CW IP65	150	230	0.680	5700	15000
VL/STL-316-LED18057	Luma HVAC LED streetlight 180/CW IP65	180	230	0.820	5700	18000
VL/STL-316-LED20057	Luma HVAC LED streetlight 200/CW IP65	200	230	0.915	5700	20000

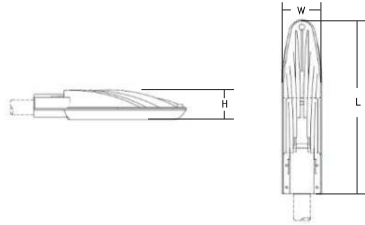
Intensity Distribution Diagram

Light Intensity curve for reference only



LED STREETLIGHT

Luma Ind



Product ID *	L	W	H
VL/STL-001-LED01565	340	105	55
VL/STL-001-LED02065	340	105	55
VL/STL-001-LED02565	340	105	55
VL/STL-001-LED03065	340	105	55

All Dimensions in "mm"



Specifications & Features

- * Die cast Aluminum (LM-6) housing with toughened glass cover
- * Modular design with multiple LEDs
- * 50% energy saving vs conventional HID streetlight
- * Overload, over voltage & short circuit protection
- * Isolated constant current driver with PF > 95%
- * More than 85% driver efficiency with < 10% current THD
- * Equipped with 10KV surge suppression protection
- * Wide operating Voltage 100-285V
- * Colour Rendering Index (CRI) >80
- * Working ambient temperature -25°C to +50°C
- * Rated life 50,000 Hrs (Ta = 30°C @L70)
- * High Intensity of Illumination with 120° view angle
- * Excellent uniform diffuse & glare control
- * Flicker free with instant start electronic operation
- * Optional secondary lens used for assymetric wide distribution
- * Electric wave & radio Interference free
- * Without mercury, UV & IR radiation
- * Class I Electric Strength
- * IP 65/66 Ingress protection

Applications

- * Secondary road
- * Highways
- * Walkways
- * Parking lot
- * Security Lighting
- * Roundabouts & Road junctons
- * Residential & Industrial areas

Installation & Maintenance

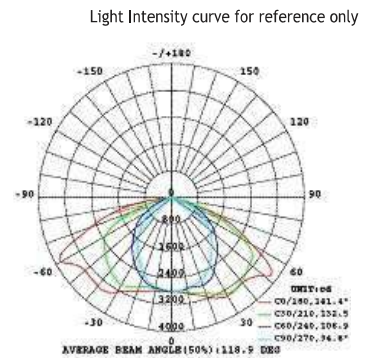
- * Side entry mounting and comptible for pole mounting with OD of max 40mm to 65mm
- * Power supply should be disconnected from fixture during service

Note: Earthing (⊕) must be connected properly to avoid any premature failure.

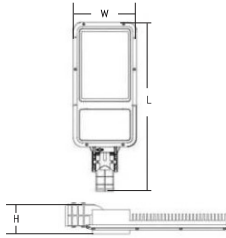
Technical & Ordering Information

Product ID/ Ordering Code	Product Description	Wattage(W)	Nomial Voltage(V)	Mains Current(A)	CCT (K)	Lumen (lm)
VL/STL-001-LED01565	Luma Ind LED Streetlight 15/CW IP65	15	230	0.090	6500	1500
VL/STL-001-LED02065	Luma Ind LED Streetlight 20/CW IP65	20	230	0.125	6500	2000
VL/STL-001-LED02565	Luma Ind LED Streetlight 25/CW IP65	25	230	0.135	6500	2500
VL/STL-001-LED03065	Luma Ind LED Streetlight 30/CW IP65	30	230	0.145	6500	3000

Intensity Distribution Diagram



Luma Ind



Product ID *	L	W	H
VL/STL-001-LED04065	346	123	68
VL/STL-001-LED04565	346	123	68
VL/STL-001-LED06065	391	186	78
VL/STL-001-LED09565	391	186	78
VL/STL-001-LED07365	462	231	80
VL/STL-001-LED08065	462	231	80
VL/STL-001-LED09065	462	231	80
VL/STL-001-LED10065	462	231	80
VL/STL-001-LED12065	520	260	85
VL/STL-001-LED15065	520	260	85
VL/STL-001-LED20065	600	290	85

All Dimensions in "mm"



Specifications & Features Applications

- * Die cast Aluminum (LM-6) housing with toughened glass cover
- * Modular design with multiple LEDs
- * 50% energy saving vs conventional HID streetlight
- * Overload, over voltage & short circuit protection
- * Isolated constant current driver with PF > 95%
- * More than 85% driver efficiency with < 10% current THD
- * Equipped with 10KV surge suppression protection
- * Wide operating Voltage 100-285V
- * Color Rendering Index (CRI) >80
- * Working ambient temperature -25°C to +50°C
- * Rated life 50,000 Hrs (Ta = 30°C @ L70)
- * High Intensity of Illumination with 120° view angle
- * Excellent uniform diffuse & glare control
- * Flicker free with instant start electronic operation
- * Optional secondary lens used for asymmetric wide distribution
- * Electric wave & radio interference resistant
- * Without mercury, UV & IR radiation
- * Class I electric strength
- * IP 65/66 Ingress protection
- * ROHS compliant

- * Secondary road
- * Highways
- * Walkways
- * Parking lot
- * Security Lighting
- * Roundabouts & Road junctions
- * Residential & Industrial areas

Installation & Maintenance

- * Side entry mounting and compatible for pole mounting with OD of max 40mm to 65mm
- * Power supply should be disconnected from fixture during service

COMPLIANCE



Note: Earthing (⊕) must be connected properly to avoid any premature failure.

Technical & Ordering Information Intensity Distribution Program

Product ID/ Ordering Code	Product Description	Wattage(W)	Nominal Voltage(V)	Mains Current (A)	CCT (K)	Lumen (lm)
VL/STL-001-LED04065	Luma Ind LED Streetlight 40/CW IP65	40	230	0.180	6500	4000
VL/STL-001-LED04565	Luma Ind LED Streetlight 45/CW IP65	45	230	0.205	6500	4500
VL/STL-001-LED06065	Luma Ind LED Streetlight 60/CW IP65	60	230	0.270	6500	6000
VL/STL-001-LED06565	Luma Ind LED Streetlight 65/CW IP65	65	230	0.295	6500	6500
VL/STL-001-LED07265	Luma Ind LED Streetlight 72/CW IP65	72	230	0.330	6500	7200
VL/STL-001-LED08065	Luma Ind LED Streetlight 80/CW IP65	80	230	0.365	6500	8000
VL/STL-001-LED09065	Luma Ind LED Streetlight 90/CW IP65	90	230	0.410	6500	9000
VL/STL-001-LED10065	Luma Ind LED Streetlight 100/CW IP65	100	230	0.450	6500	10000
VL/STL-001-LED12065	Luma Ind LED Streetlight 120/CW IP65	120	230	0.540	6500	12000
VL/STL-001-LED15065	Luma Ind LED Streetlight 150/CW IP65	150	230	0.682	6500	15000
VL/STL-001-LED17065	Luma Ind LED Streetlight 170/CW IP65	170	230	0.825	6500	17000
VL/STL-001-LED20065	Luma Ind LED Streetlight 200/CW IP65	200	230	0.915	6500	20000

