

LED Street Light

ZDL1129

MEGAMAN®

PRODUCT DATASHEET

50W/100W/150W



Product Features

- Integrated die casting aluminum housing, excellent heat dissipation performance;
- surface electrostatic coating, corrosion resistance is strong;
- Integrated lens, professional light distribution angle design, 70°140° beam angle, no macula, no stray light;
- IP65 dustproof and waterproof grade, IK08 anti-impact grade;
- High brightness and light efficiency (up to 100lm/W);
- 4KV surge protection rating, safe and reliable;
- No UV, infrared radiation, no mercury environmental protection.

Application

- Major/minor roads
- Community road
- Country road
- Square, park



LED Street Light

ZDL1129

MEGAMAN®

PRODUCT DATASHEET

50W/100W/150W

General Information Data

Electrical parameters

Rated Voltage 170-240VAC

Rated Frequency 50/60Hz

Surge 4KV

Safety Class Class I

Life Data

Life Time(L70) 30000h

Switch Times 12500

Operation Data

IP/IK IP65/IK08

Operating Temperature -20°C~+45°C

Storage Temperature -20°C~+60°C

Mechanical Data

Housing Material Aluminum

Cover Material PC

Other

SDCM <5

Certification CB/ROHS



Base Specification

Model	Watts (W)	PF	Luminous Flux (lm)	Efficacy (lm/W)	Ra	Beam Angle
ZDL1129 50W 3000K	50W	0.9	5000	100	80	70°140°
ZDL1129 50W 5000K	50W	0.9	5500	110	80	70°140°
ZDL1129 100W 3000K	100W	0.9	10000	100	80	70°140°
ZDL1129 100W 5000K	100W	0.9	11000	110	80	70°140°
ZDL1129 150W 3000K	150W	0.9	15000	100	80	70°140°
ZDL1129 150W 5000K	150W	0.9	16500	110	80	70°140°

LED Street Light

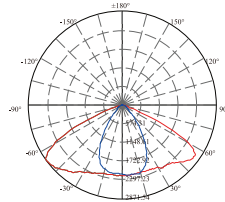
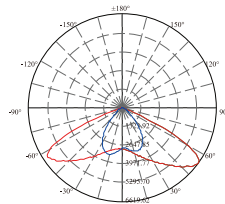
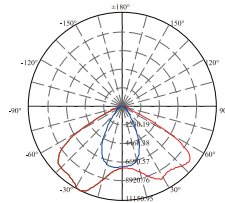
ZDL1129

MEGAMAN®

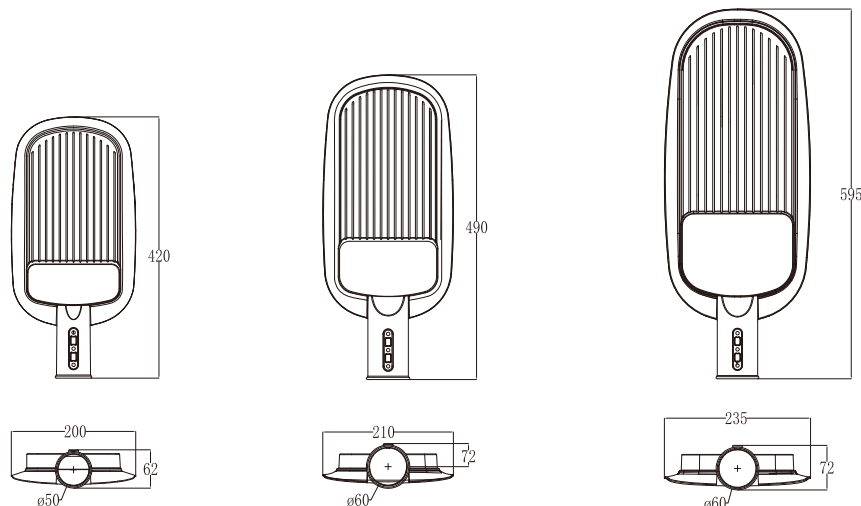
PRODUCT DATASHEET

50W/100W/150W

Photometric Diagram

Model	Distribution	Single lamp illumination distance	Installation height																											
ZDL1129 50W		<table><thead><tr><th colspan="3">Illuminance at a Distance</th></tr><tr><th>Center Beam LUX</th><th colspan="2">Beam Width</th></tr><tr><th></th><th>H</th><th>V</th></tr></thead><tbody><tr><td>537.77 LUX</td><td>9.3m</td><td>2.7m</td></tr><tr><td>134.44 LUX</td><td>18.6m</td><td>5.3m</td></tr><tr><td>59.75 LUX</td><td>27.9m</td><td>8.0m</td></tr><tr><td>33.61 LUX</td><td>37.1m</td><td>10.7m</td></tr><tr><td>21.51 LUX</td><td>46.4m</td><td>13.4m</td></tr><tr><td>14.94 LUX</td><td>55.7m</td><td>16.0m</td></tr></tbody></table> Horiz.Spread:133.4 Vert.Spread:67.5	Illuminance at a Distance			Center Beam LUX	Beam Width			H	V	537.77 LUX	9.3m	2.7m	134.44 LUX	18.6m	5.3m	59.75 LUX	27.9m	8.0m	33.61 LUX	37.1m	10.7m	21.51 LUX	46.4m	13.4m	14.94 LUX	55.7m	16.0m	4-6m
Illuminance at a Distance																														
Center Beam LUX	Beam Width																													
	H	V																												
537.77 LUX	9.3m	2.7m																												
134.44 LUX	18.6m	5.3m																												
59.75 LUX	27.9m	8.0m																												
33.61 LUX	37.1m	10.7m																												
21.51 LUX	46.4m	13.4m																												
14.94 LUX	55.7m	16.0m																												
ZDL1129 100W		<table><thead><tr><th colspan="3">Illuminance at a Distance</th></tr><tr><th>Center Beam LUX</th><th colspan="2">Beam Width</th></tr><tr><th></th><th>H</th><th>V</th></tr></thead><tbody><tr><td>724.54 LUX</td><td>10.0m</td><td>3.7m</td></tr><tr><td>181.14 LUX</td><td>19.9m</td><td>7.4m</td></tr><tr><td>80.50 LUX</td><td>29.9m</td><td>11.1m</td></tr><tr><td>45.28 LUX</td><td>39.9m</td><td>14.9m</td></tr><tr><td>28.98 LUX</td><td>49.9m</td><td>18.6m</td></tr><tr><td>20.13 LUX</td><td>59.9m</td><td>22.3m</td></tr></tbody></table> Horiz.Spread:136.3 Vert.Spread:85.8	Illuminance at a Distance			Center Beam LUX	Beam Width			H	V	724.54 LUX	10.0m	3.7m	181.14 LUX	19.9m	7.4m	80.50 LUX	29.9m	11.1m	45.28 LUX	39.9m	14.9m	28.98 LUX	49.9m	18.6m	20.13 LUX	59.9m	22.3m	6-10m
Illuminance at a Distance																														
Center Beam LUX	Beam Width																													
	H	V																												
724.54 LUX	10.0m	3.7m																												
181.14 LUX	19.9m	7.4m																												
80.50 LUX	29.9m	11.1m																												
45.28 LUX	39.9m	14.9m																												
28.98 LUX	49.9m	18.6m																												
20.13 LUX	59.9m	22.3m																												
ZDL1129 150W		<table><thead><tr><th colspan="3">Illuminance at a Distance</th></tr><tr><th>Center Beam LUX</th><th colspan="2">Beam Width</th></tr><tr><th></th><th>H</th><th>V</th></tr></thead><tbody><tr><td>1837.30 LUX</td><td>7.2m</td><td>2.2m</td></tr><tr><td>459.32 LUX</td><td>14.4m</td><td>4.5m</td></tr><tr><td>204.14 LUX</td><td>21.5m</td><td>6.7m</td></tr><tr><td>114.83 LUX</td><td>28.7m</td><td>9.0m</td></tr><tr><td>73.49 LUX</td><td>35.9m</td><td>11.2m</td></tr><tr><td>51.04 LUX</td><td>43.1m</td><td>13.5m</td></tr></tbody></table> Horiz.Spread:121.8 Vert.Spread:58.6	Illuminance at a Distance			Center Beam LUX	Beam Width			H	V	1837.30 LUX	7.2m	2.2m	459.32 LUX	14.4m	4.5m	204.14 LUX	21.5m	6.7m	114.83 LUX	28.7m	9.0m	73.49 LUX	35.9m	11.2m	51.04 LUX	43.1m	13.5m	10-12m
Illuminance at a Distance																														
Center Beam LUX	Beam Width																													
	H	V																												
1837.30 LUX	7.2m	2.2m																												
459.32 LUX	14.4m	4.5m																												
204.14 LUX	21.5m	6.7m																												
114.83 LUX	28.7m	9.0m																												
73.49 LUX	35.9m	11.2m																												
51.04 LUX	43.1m	13.5m																												

Dimensional Drawing & Packaging Information



Model	Dimension (L*W*H)mm	Light Pole (mm)	Single Box Dimensions (L*W*H)mm	Outer Box Dimensions (L*W*H)mm	Packaging Unit (PCS/CTN)
ZDL1129 50W	420*200*62	Ø 50	440*207*68	455*222*365	5
ZDL1129 100W	490*210*72	Ø 60	515*225*80	530*240*340	4
ZDL1129 150W	595*235*72	Ø 60	630*250*80	645*265*340	4

