



Marelli
lighting

CATALOGO 2016
ILLUMINAZIONE LED
CAMPI SPORTIVI

LG-S Series: High-Pole Spotlight

Product Description



Fashion design patents, simple installation, indoor various occasion to meet the application requirements. Light, power supply and support system are modular design, maintenance and replacement is extremely simple.

Vapor Chamber is designed by CNC, therefore it provides extremely fast heat transfer.

High quality aluminum can provide products' durability, good anti-corrosion what can make contributions for the serious outdoor environment.

Luminous angle is adjustable. The built-in respirator adjusts the temperature difference to prevent atomization. IP67 protection.

New product trial is made of Cree chip, Citizen cob and Mean Well driver. 5 years warranty.

Product certifications include UL, TUV, GS, CE, RoHS, CB, SAA.

Product Use

Widely used in Industrial plants, Stadiums, Docks, Golf courses, Building lighting, Square... Can replace the traditional metal halide lamp and high pressure sodium lamp.



Three-Dimensional Fin & Airflow Technology

Ventilation vents under the heat sink provide enough air to cool down. The heat shall be dissipated away around the sunflower heat sink. Three-Dimensional with 360° heat dissipation optimized solution aesthetic heat sink module.

3D Vapor Chamber Technology

Vapor chamber technology was initially applied on high-end PC cooling. It has extraordinary heat transfer. This technology is perfect to cool down for hundreds of Watts' COB LED. The heat from COB LED can be transferred to heat sink through rapid vaporization inside the 3D vapor chamber.

LED Sources & Power Supply Application

New product trial is made of Cree chip or Citizen cob LED. The core of the light source module LM-80 by US life test, lamp life > 50,000 hours.

Use single high-power lamp beads, high luminous efficiency, energy-saving effect of > 70%.

Cree chip or Citizen cob led products are passed by LM-80, ERP, certification.

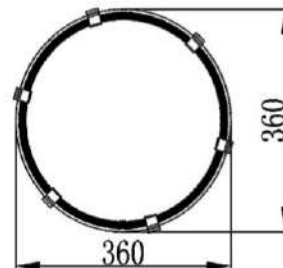
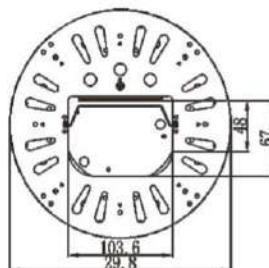
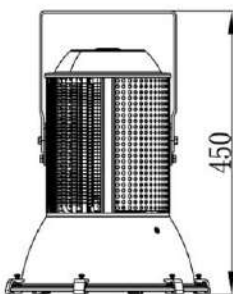
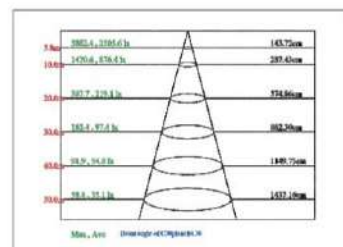
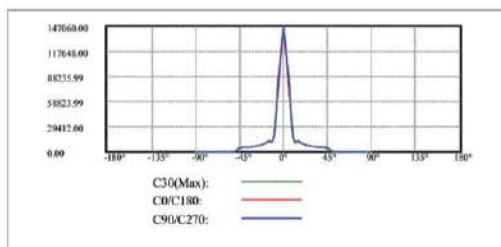
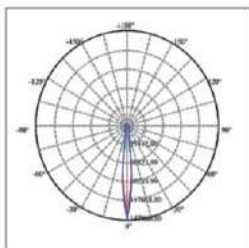
Driven by Meanwell or Moso power supply, 5 years warranty



01/LG-S100C-S150C Series High-Pole Lighting

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-S100SAC	100	110V/220V	8500	5250	≥ 95	5000	≥ 80	45	NO	Black	5 Years	IP67
LG-S100S30		100-265	9180	3030	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S100S50		100-265	10375	3535	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S100COB		100-265	12500	1812C1	≥ 95	5000	≥ 80	7	Yes	Black	5 Years	IP67
LG-S150SAC	150	110V/220	12750	5250	≥ 95	5000	≥ 80	45	NO	Black	5 Years	IP67
LG-S150S30		100-265	13323	3030	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S150S50		100-265	15750	3535	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S150COB		100-265	17086	1818C1	≥ 95	5000	≥ 80	7	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable. 2.SMD led Angle:25°、45°、90° & COB LED Angle: 7°、15° Selectable.3.CRI:≥70、≥80、≥90



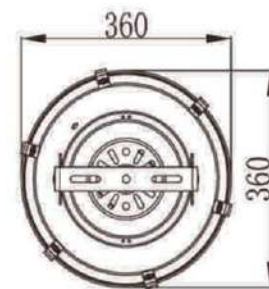
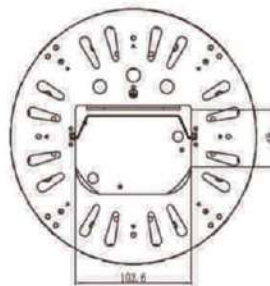
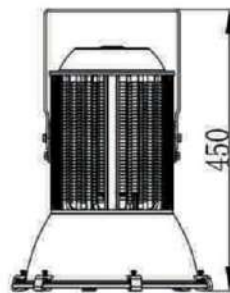
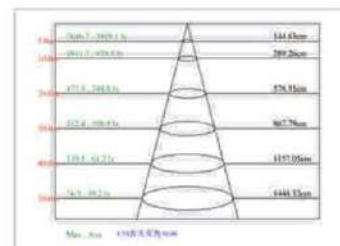
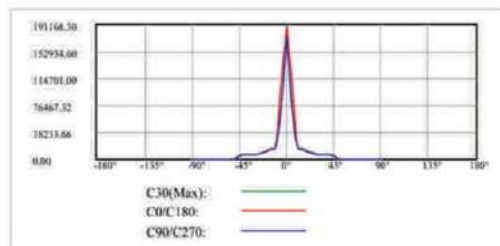
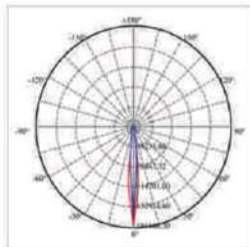
Application Area



OZ/LG-S200C-S250C Series High-Pole Spotlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-S200SAC	200	110V/220	17000	5250	≥95	5000	≥80	45	NO	Black	5 Years	IP67
LG-S200S30		100-265	18391	3030	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S200S50		100-265	20226	3535	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S200COB		100-265	23895	1825C1	≥95	5000	≥80	7	Yes	Black	5 Years	IP67
LG-S250S30	250	100-265	22980	3030	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S250S50		100-265	25282	3535	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S250COB		100-265	29710	1825C1	≥95	5000	≥80	7	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable. 2.SMD led
Angle: 25°、45°、90° & COB LED Angle: 7°、15° Selectable. 3.CRI: ≥70、≥80、≥90



Application Area

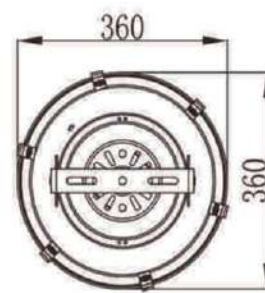
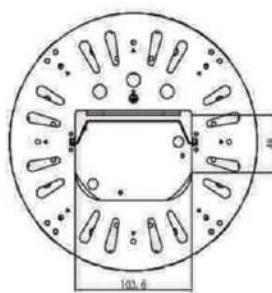
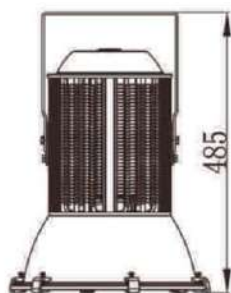
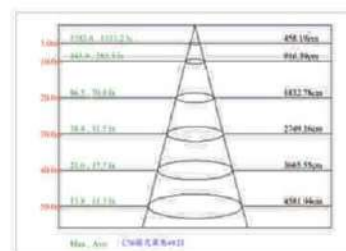
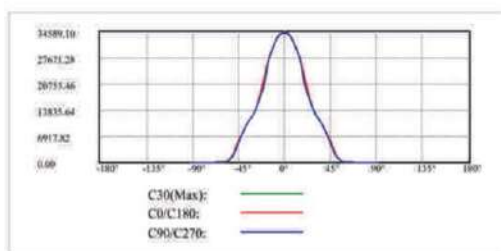
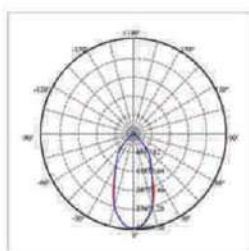


03/LG-S300C-S350C Series High-Pole Spotlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-S300S30	300	100-265	30238	3030	≥ 95	5000	≥ 80	45	NO	Black	5 Years	IP67
LG-S300S50		100-265	29874	3535	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S300COB		100-265	35800	1825C1	≥ 95	5000	≥ 80	7	Yes	Black	5 Years	IP67
LG-S350S30	350	100-265	34277	3030	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S350S50		100-265	33650	3535	≥ 95	5000	≥ 80	45	Yes	Black	5 Years	IP67
LG-S350COB		100-265	42024	3618C1	≥ 95	5000	≥ 80	7	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.

2.SMD led Angle:25°、45°、90° & COB LED Angle: 7°、15° Selectable.3.CRI:≥70、≥80、≥90



Application Area

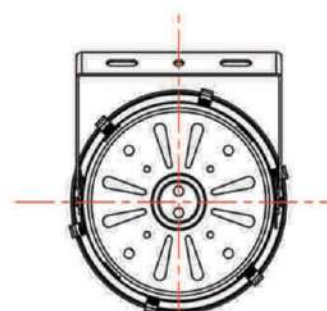
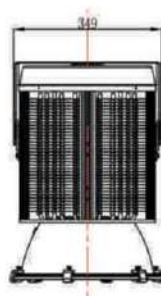
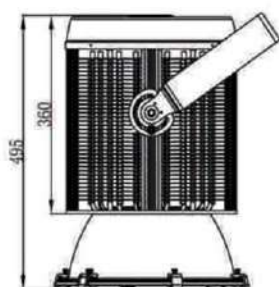
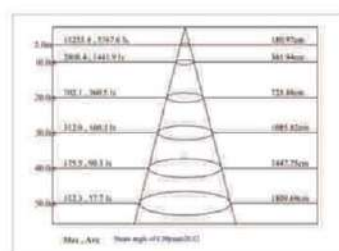
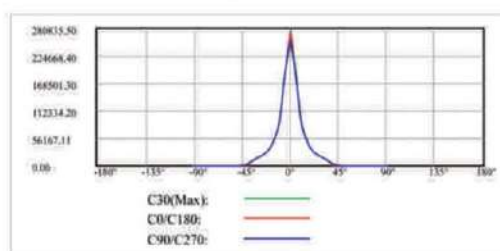
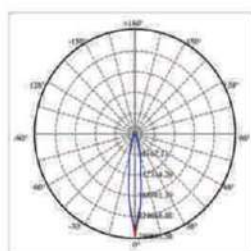


04/LG-S400C-S500C Series High-Pole Spotlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec.	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LLG-S400S30	400	100-265	37238	3030	≥95	5000	≥80	45	NO	Black	5 Years	IP67
LG-S400S50		100-265	36340	3535	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S400COB		100-265	41260	3618C1	≥95	5000	≥80	7	Yes	Black	5 Years	IP67
LG-S500S30	500	100-265	51500	3030	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S500S50		100-265	46655	3535	≥95	5000	≥80	45	Yes	Black	5 Years	IP67
LG-S500COB		100-265	50500	3626C1	≥95	5000	≥80	7	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.

2.SMD led Angle:25°、45、90° & COB LED Angle: 7°、15° Selectable.3.CRI:≥70、≥80、≥90



Application Area



LG-F Series: High-Pole Spotlight

Product Description



Single SMD light source lens is composed of two optical. Maximize the role of each light source, single light source match single reflective cup, consisting of two opticals. multi-options of light angles.

Vapor Chamber is designed by CNC, therefore it provides extremely fast heat transfer. High quality aluminum can provide products' durability, good anti-corrosion what can make contributions for the serious outdoor environment.

Luminous angle is adjustable. The built-in respirator adjusts the temperature difference to prevent atomization. IP67 protection.

New product trial is made of Cree chip, Citizen cob and Mean Well driver. 5 years warranty.

Product certifications include UL, TUV, GS, CE, RoHs, CB, SAA.

Product Use

Extensively applied industrial workshops, studios, docks, golf courses, construction lighting, square.... It can replace the traditional metal halide and high pressure sodium light.



Three-Dimensional Fin&Airflow Technology

Ventilation vents under the heat sink provide enough air to cool down. the heat shall be dissipated away around the sunflower heat sink. Three-Dimensional with 360 degrees heat dissipation optimized solution aesthetic heat sink module.

3D Vapor Chamber Technology

Vapor chamber technology was initially applied on high-end PC cooling. It has extraordinary heat transfer. This technology is perfect to cool down for hundreds of Watts' COB LED. The heat from COB LED can be transferred to heat sink through rapid vaporization inside the 3D vapor chamber.

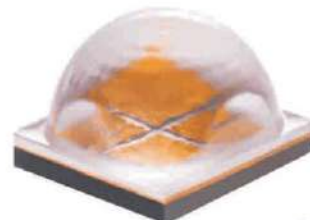
LED Sources& Power Supply Application

New product trial is made of Cree chip or Citizen cob LED. The core of the light source module LM-80 by US life test, lamp life > 50,000 hours.

Use single high-power lamp beads, high luminous efficiency, energy-saving effect of > 70%.

Cree chip or Citizen cob led products are passed by LM-80, ERP, certification.

Driver: Meanwell or Moso Brand, 5 years warranty

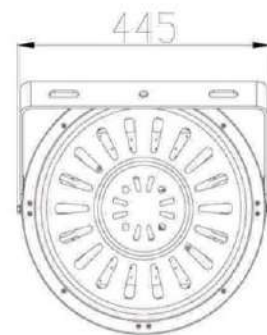
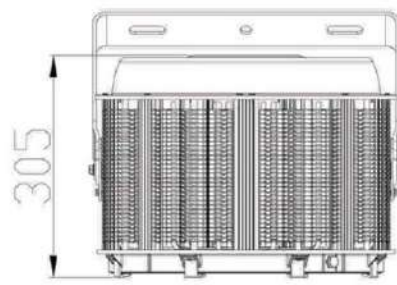
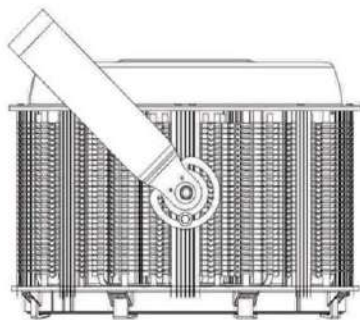
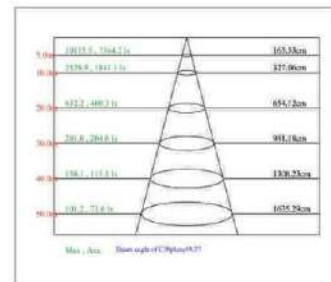
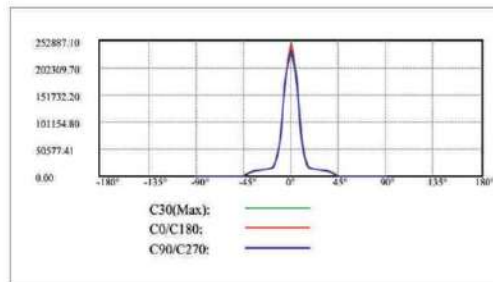
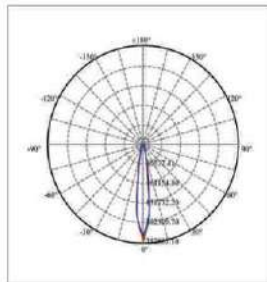


01/LG-F400C-F500C Series High-Pole Spotlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-F400S50	400	100-265	38800	XML2	≥95	5000	≥80	15	Yes	Black	5 Years	IP67
LG-F500S51	500	100-265	46000	XHP35	≥95	5000	≥80	15	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.

2.SMD led Angle:6、12、24、36、60electable.3.CRI:≥70、≥80



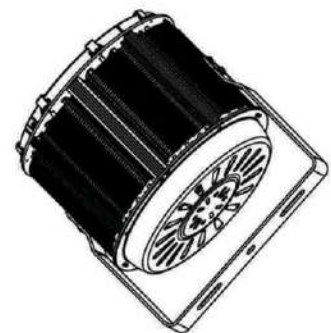
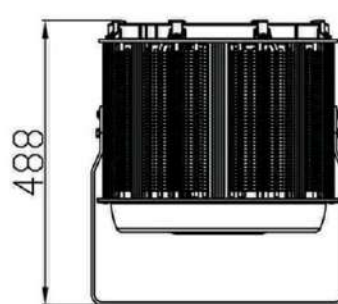
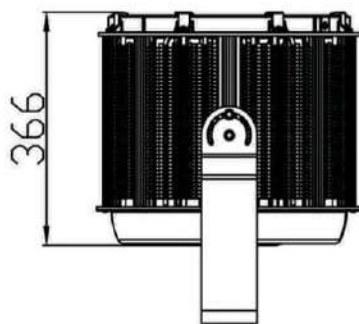
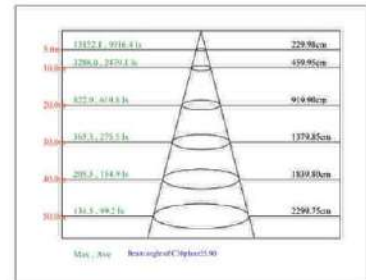
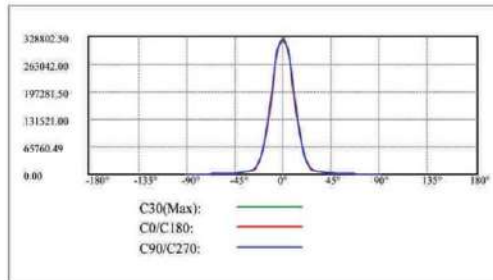
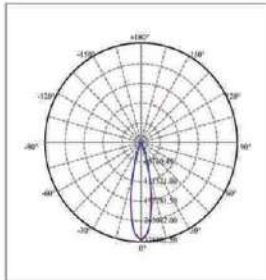
Application Area



02/LG-F600C-F800C Series High-Pole Lighting

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-F600S50	600	100-265	55200	XHP35	≥ 95	5000	≥ 80	15	Yes	Black	5 Years	IP67
LG-F800S51	800	100-265	78200	XHP50	≥ 95	5000	≥ 80	15	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.
2.SMD led Angle:6、12、24、36、60Selectable.3.CRI:≥70、≥80



Application Area

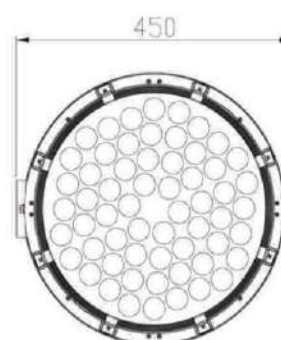
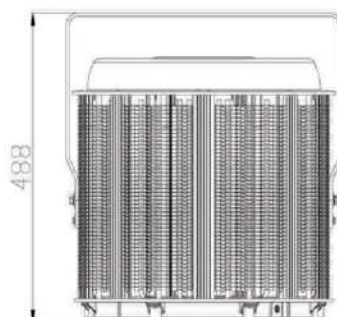
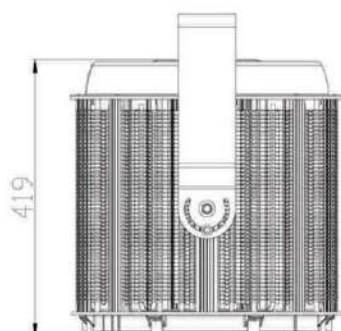
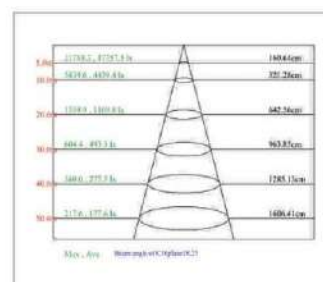
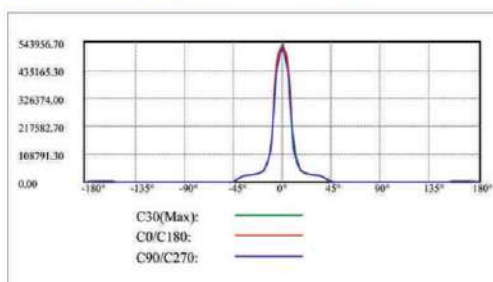
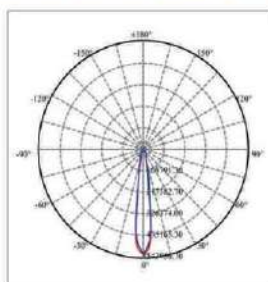


03/LG-F1000C-F1200C Series High-Pole Spotlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-F1000S50	1000	100-265	97000	XHP50	≥95	5000	≥80	15	Yes	Black	5 Years	IP67
LG-F1200S51	1200	100-265	116400	XHP50	≥95	5000	≥80	15	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.

2.SMD led Angle:6、12、24、36、60Selectable.3.CRI:≥70、≥80



Application Area



T-Series Flood Light

Product Description



The efficient copper heat pipe contacts directly the heat source in zero distance, which exerts the performance of the heat pipe to the best with a heat transfer rate over 250 times of aluminum radiator. The heat conductivity coefficient could reach the order of magnitudes of $106\text{w}/(\text{m}\cdot\text{k})$.

Vapor Chamber is designed by CNC, therefore it provides extremely fast heat transfer.

High quality aluminum can provide products' durability, good anti-corrosion what can make contributions for the serious outdoor environment.

Luminous angle is adjustable. The built-in respirator adjusts the temperature difference to prevent atomization. IP67 protection.

New product trial is made of Cree chip, Citizen cob and Mean Well driver. 5 years warranty.

Product certifications include UL, TUV, GS, CE, RoHS, CB, SAA.

Product Use

T-series Products Are Designed For Outdoor Ad Board, shopping Mall, stadium, park, statue, public Aisle, railway And Etc. these Are More Effective Solutions Than Traditional High Pressure Sodium Lamp At 200-200w Rang.



Continuous Stacked Fin Technology

Gear slotting fins provide perfect contact between fins and the conductivity panels to ensure the best heat transfer. Two ventilation channels formed through specially design heat sink fins can take the heat away from the LED bottom, and the dissipate away rapidly.

Vapor chamber technology was initially applied on high-end PC cooling because its extraordinary heat transfer. This technology is perfect to cool down for hundreds of Watts' COB LED.

The heat from COB LED can be transferred to heat sink through rapid vaporization inside the 3D vapor chamber.

LED Sources & Power Supply Application

New product trial Lextar or Cree chip or Citizen cob LED. The core of the light source module LM-80 by US life test, lamp life > 50,000 hours.

Use single high-power lamp beads, high luminous efficiency, energy-saving effect of > 70%.

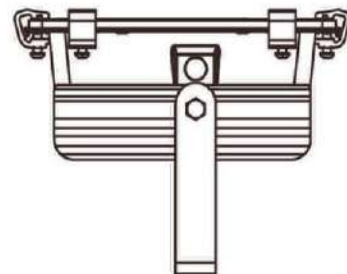
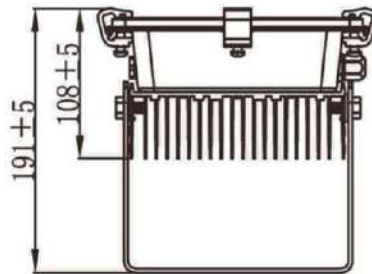
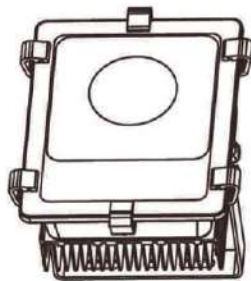
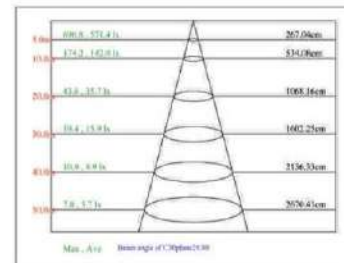
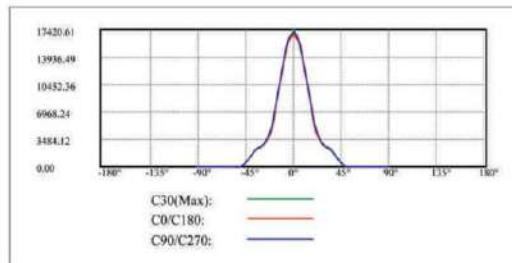
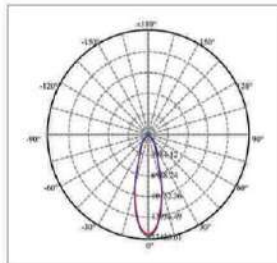
Cree chip or Citizen cob led products are by LM-80, ERP, certification.

Driven by Mean Well or Moso power supply, 5 years warranty



01/LG-T50-T80 Series Floodlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-T50SAC	50	110/220	4500	5250	>95	5000	≥ 80	110	No	Black	5 Years	IP67
LG-T50S30		100-265	5746	3030	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T50S35		100-265	6021	3535	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T50COB		100-265	7132	1212C1	>95	5000	≥ 80	30	Yes	Black	5 Years	IP67
LG-T70SAC	70	110/220	6300	5250	>95	5000	≥ 80	110	No	Black	5 Years	IP67
LG-T70S30		100-265	7980	3030	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T70S35		100-265	7820	3535	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T70COB		100-265	9040	1212C1	>95	5000	≥ 80	30	Yes	Black	5 Years	IP67
LG-T80SAC	80	110/220	7200	5250	>95	5000	≥ 80	110	No	Black	5 Years	IP67
LG-T80S30		100-265	8274	3030	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T80S35		100-265	8937	3535	>95	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T80COB		100-265	10400	1212C1	>95	5000	≥ 80	30	Yes	Black	5 Years	IP67



Application Area

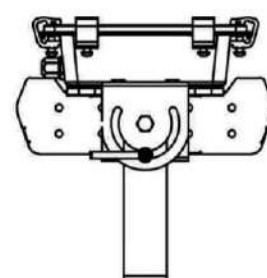
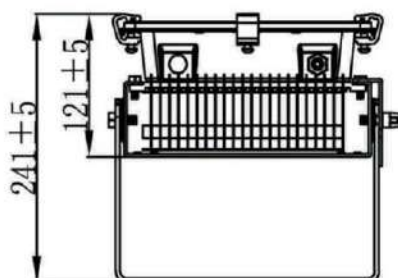
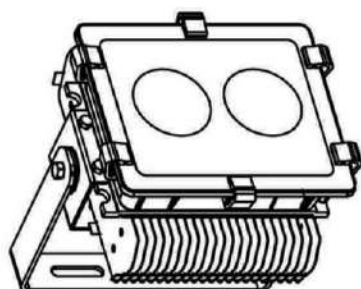
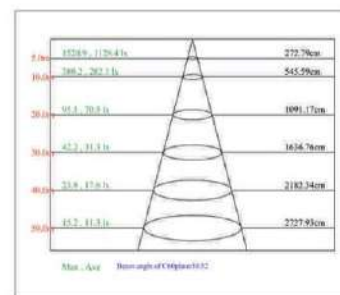
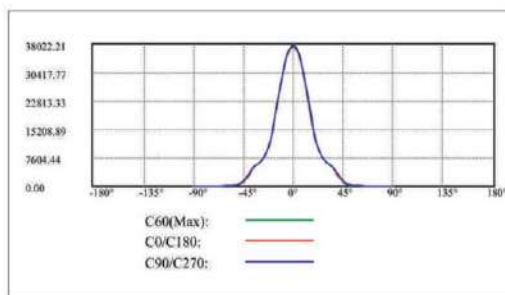
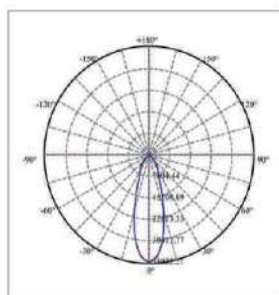


QZ/LG-T100-T150 Series Floodlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-T100SAC	100	110/220	9000	5250	>95	5000	≥ 80	110	No	Black	5 Years	IP67
LG-T100S30		100-265	10040	3030	>97	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T100S35		100-265	10400	3535	>97	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T100COB		100-265	11870	1212C1	>97	5000	≥ 80	30	Yes	Black	5 Years	IP67
LG-T150SAC	150	110/220	13500	5250	>95	5000	≥ 80	110	No	Black	5 Years	IP67
LG-T150S30		110/220	14550	3030	>97	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T150S35		100-265	16200	3535	>97	5000	≥ 80	110	Yes	Black	5 Years	IP67
LG-T150COB		100-265	17383	1218C1	>97	5000	≥ 80	30	Yes	Black	5 Years	IP67

Notes: 1.CCT:2700K、3000K、4000K、5000K、6500K Selectable.

2.SMD led Angle:110° & COB LED Angle: 15°、30°、60° Selectable.3.CRI:≥70、≥80

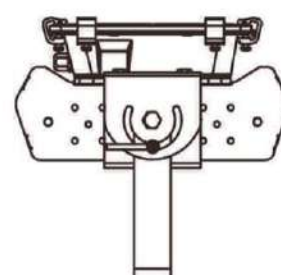
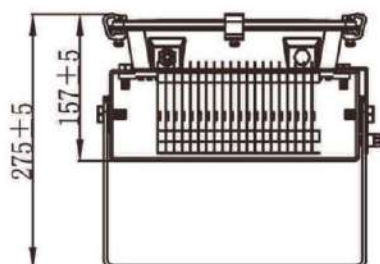
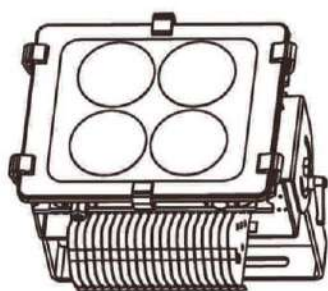
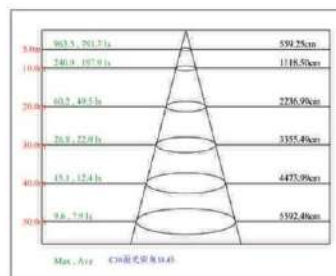
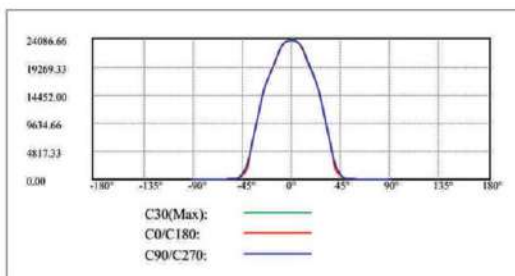
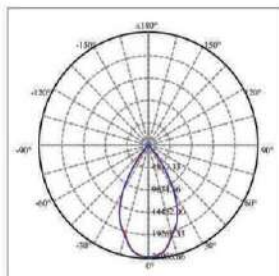


Application Area



03/LG-T200-T300 Series Floodlight

Code	Watt(W)	Volt(V)	Lumen(LM)	LED Spec	PF	CCT(K)	CRI	Beam(°)	Dimming	Finish	Warranty	IP Rating
LG-T200SAC	200	110/220	18000	5250	>95	5000	≥80	110	No	Black	5 Years	IP67
LG-T200S30		100-265	19600	3030	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T200S35		100-265	20800	3535	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T200COB		100-265	23344	1825C1	>97	5000	≥80	30	Yes	Black	5 Years	IP67
LG-T250S30	250	100-265	24000	3030	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T250S35		100-265	25080	3535	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T250COB		100-265	26250	1825C1	>97	5000	≥80	30	Yes	Black	5 Years	IP67
LG-T300S30		100-265	28290	3030	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T300S35	300	100-265	30600	3535	>97	5000	≥80	110	Yes	Black	5 Years	IP67
LG-T300COB		100-265	32500	3618C1	>97	5000	≥80	30	Yes	Black	5 Years	IP67



Application Area



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