

Huzhou Charming Lighting Co., Ltd.

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T11A LED STREET LIGHT



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions are available for various roadway applications;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan.

CE CB RoHS



TECHNICAL PARAMETERS

Input Voltage	100-277Vac						
Power Factor	0.95						
Available CCT	3000K/4000K/5000K/5700K						
Module Type	M16A-VC				M16A-VB		
LED Brand	Lumileds Luxeon 3030				Customized Lumileds 5050		
Module Picture							
Module Quantity	1	2	3	4	5	6	7
Power	40W	80W	120W	160W	200W	240W	280W
	50W	100W	150W	200W	250W	300W	350W
	60W	120W	180W	240W	300W	360W	420W
Typical Luminous Efficacy	140lm/W @40W/Engine 135lm/W @50W/Engine 127lm/W @60W/Engine			175lm/W @40W/Engine 170lm/W @50W/Engine 163lm/W @60W/Engine			
Lighting Distribution	TYPE I TYPE II TYPE III TYPE V						
	See lighting distribution options on appendix						
Working Temperature	-40~+50℃						
Installation Diameter	Ø57-63mm						

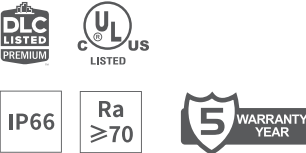
T19E LED STREET LIGHT



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various roadway applications;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- IP66 rated electrical compartment;
- Die-cast latches provide easy, tool-less access to the electrical compartment;
- Post-top & side-entry with ±15° inclination in steps of 5°;
- Optional NEMA receptacle & photocell.

CE CB RoHS

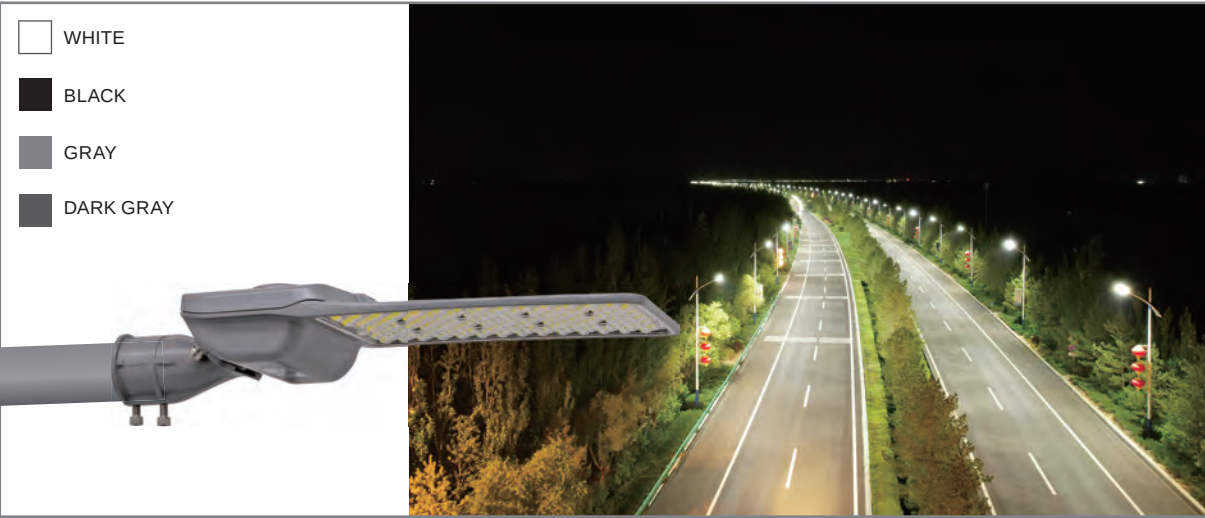


TECHNICAL PARAMETERS

Input Voltage	100-277Vac						
Power Factor	0.95						
Available CCT	3000K/4000K/5000K/5700K						
Module Type	M16A-VC				M16A-VB		
LED Brand	Lumileds Luxeon 3030				Customized Lumileds 5050		
Module Picture							
Module Quantity	1	2	3	4	5	6	7
Power	40W	80W	120W	160W	200W	240W	280W
	50W	100W	150W	200W	250W	300W	350W
	60W	120W	180W	240W	300W	360W	420W
Typical Luminous Efficacy	140lm/W @40W/Engine 135lm/W @50W/Engine 127lm/W @60W/Engine			175lm/W @40W/Engine 170lm/W @50W/Engine 163lm/W @60W/Engine			
Lighting Distribution	TYPE I TYPE II TYPE III TYPE V						
	See lighting distribution options on appendix						
Working Temperature	-40~-+50℃						
Installation Diameter	Ø40-50mm/Ø55-65mm/Ø65-75mm						

T88

LED STREET LIGHT



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Tool-less access to IP66 rated electrical compartment;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Ergonomic and dedicated lighting distributions for unmatched lighting performance;
- Fin-less whole structure heating dissipation design;
- Post-top or side-entry installation with +15°inclination;
- Optional NEMA receptacle & photocell for energy-saving.

TECHNICAL PARAMETERS

Input Voltage	100-240Vac		
Power	30W-150W		
Power Factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
LED Brand	HPW5050		
Typical Luminous Efficacy	T88S	T88M	T88L
	179lm/W @30W 189lm/W @60W	189lm/W @100W	194lm/W @150W
Lighting Distribution	TYPE I	TYPE II	TYPE III
	See lighting distribution options on appendix		
Working Temperature	-40~+50°C		
Installation Diameter	Ø57-63mm		

T1 MAX

LED STREET LIGHT



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Class II by default, Class I by option;
- Ergonomic and dedicated lighting distributions for roadway applications;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Whole structure heating dissipation with excellent thermal conduction and radiation;
- Sensor available (on/off);
- Available for mast-arm of both Ø60mm & Ø40mm.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac
Power	20W/30W/40W
Power Factor	0.95
Available CCT	3000K/4000K/5000K/5700K
LED Brand	HPW5050
Typical Luminous Efficacy	185lm/W @20W 185lm/W @30W 180lm/W @40W
	TYPE I
Lighting Distribution	See lighting distribution options on appendix
Working Temperature	-40~+50°C
Installation Diameter	Ø40-45mm/Ø57-63mm

T1Q
MAX LED
STREET LIGHT



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Class II by default, Class I by option;
- Ergonomic and dedicated lighting distributions for roadway applications;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Whole structure heating dissipation with excellent thermal conduction and radiation;
- Sensor available (on/off);
- Available for mast-arm of both Ø60mm & Ø40mm.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac
Power	40W/50W/60W
Power Factor	0.95
Available CCT	3000K/4000K/5000K/5700K
LED Brand	HPW5050
Typical Luminous Efficacy	190lm/W @40W 188lm/W @50W 185lm/W @60W
Lighting Distribution	TYPE III See lighting distribution options on appendix
Working Temperature	-40~+50°C
Installation Diameter	Ø57-63mm/Ø40-45mm

T2Q
MAX LED
STREET LIGHT



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Class II by default, Class I by option;
- Ergonomic and dedicated lighting distributions for roadway applications;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Whole structure heating dissipation with excellent thermal conduction and radiation;
- Sensor available (on/off);
- Available for mast-arm of both Ø60mm & Ø40mm.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac
Power	80W/90W/100W
Power Factor	0.95
Available CCT	3000K/4000K/5000K/5700K
LED Brand	HPW5050
Typical Luminous Efficacy	190lm/W @80W 188lm/W @90W 185lm/W @100W
Lighting Distribution	TYPE III See lighting distribution options on appendix
Working Temperature	-40~+50°C
Installation Diameter	Ø57-63mm/Ø40-45mm

T29

LED STREET LIGHT



MAIN FEATURES

CE CB RoHS



- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for roadway applications;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Unmatched lighting performance, driver stability and desirable lifespan;
- IP66 rated electrical compartment;
- Optional NEMA receptacle & photocell.

TECHNICAL PARAMETERS

Input Voltage		100-277Vac			
Power		20W-120W			
Power Factor		0.95			
Available CCT		3000K/4000K/5000K/5700K			
LED Brand		Lumileds Luxeon 3030		Customized Lumileds 5050	
Typical Luminous Efficacy	T29A	—		145lm/W @20W 140lm/W @30W 130lm/W @40W	
	T29B	135lm/W @40W 130lm/W @50W 122lm/W @60W		163lm/W @40W 157lm/W @50W 150lm/W @60W	
	T29C	140lm/W @40W/Engine 135lm/W @50W/Engine 127lm/W @60W/Engine		175lm/W @80W 170lm/W @100W 163m/W @120W	
Lighting Distribution		TYPE I TYPE II TYPE III TYPE V			
		See lighting distribution options on appendix			
Working Temperature		-40~+50℃			
Installation Diameter		Ø50-60mm			

Notes: Tolerance of luminous efficacy value: ±5%~±8%. Efficacy of CCT 3000K is lower than above by 5%.

T33

LED STREET LIGHT



MAIN FEATURES

CE CB RoHS



- Die-cast aluminum housing, solid mechanism and reliable quality;
- Unique patented IP68 LED light engines protect LEDs from water vapor and hazardous gases;
- IP66 rated electrical compartment;
- Ergonomic and dedicated lighting distributions are available for various roadway applications;
- Whole structure heating dissipation design;
- Optional NEMA receptacle & photocell.

TECHNICAL PARAMETERS

Input Voltage		100-277Vac			
Power		40W-240W			
Power Factor		0.95			
Available CCT		3000K/4000K/5000K/5700K			
LED Brand		Lumileds Luxeon 3030		Customized Lumileds 5050	
Typical Luminous Efficacy	T33A	135lm/W @40W 130lm/W @50W 122lm/W @60W		150lm/W @40W 145lm/W @50W 140lm/W @60W	
	T33B	138lm/W @80W 134lm/W @90W 129m/W @100W		158lm/W @80W 155lm/W @90W 152lm/W @100W	
	T33C/D/E	140lm/W @40W/Engine 135lm/W @50W/Engine 127lm/W @60W/Engine		175lm/W @40W/Engine 170lm/W @50W/Engine 163lm/W @60W/Engine	
Lighting Distribution		TYPE I TYPE II TYPE III TYPE V			
		See lighting distribution options on appendix			
Working Temperature		T33A/B/C: -40°C~+50°C; T33D/E: -40°C~+45°C			
Installation Diameter		Ø57-63mm			

T65 LED STREET LIGHT



- MAIN FEATURES
- Unique patented IP68 LED light engines;
 - Two latches provide easy, tool-less access to the IP66 rated electrical compartment;
 - Die-cast aluminum housing, solid mechanism and reliable quality;
 - Ergonomic and dedicated lighting distributions for unmatched lighting performance;
 - Fin-less whole structure heating dissipation design;
 - Tempered glass for easy cleaning;
 - Post-top or side-entry installation with ±15° inclination, compatible with a wide range of pole diameter;
 - Optional NEMA receptacle & photocell for energy saving.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power	40W-400W	
Power Factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
LED Brand	Lumileds Luxeon 3030	Customized Lumileds 5050
Typical Luminous Efficacy	129lm/W @40W 126lm/W @50W 125lm/W @60W 135lm/W @80W/120W/160W 132lm/W @100W/150W/200W/300W 130lm/W @120W/180W/240W/360W 127lm/W @400W	150lm/W @40W 148lm/W @50W 146lm/W @60W/100W 157lm/W @80W/120W/160W 155lm/W @100W/150W/200W/300W 153lm/W @120W/180W/240W/360W 150lm/W @400W
	TYPE I TYPE II	TYPE I TYPE II TYPE III
Lighting Distribution	See lighting distribution options on appendix	
Working Temperature	-40~+50°C	
Installation Diameter	Ø40-50mm/ Ø55-65mm/ Ø65-75mm	

T67 LED STREET LIGHT



- MAIN FEATURES
- Unique patented IP68 LED light engines;
 - Two latches provide easy, tool-less access to the IP66 rated electrical compartment;
 - Die-cast aluminum housing, solid mechanism and reliable quality;
 - Ergonomic and dedicated lighting distributions for unmatched lighting performance;
 - Fin-less whole structure heating dissipation design;
 - Tempered glass for easy cleaning;
 - Optional NEMA receptacle & photocell for energy saving.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power	60W-240W	
Power Factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
LED Brand	Lumileds Luxeon 3030	Customized Lumileds 5050
Typical Luminous Efficacy	131lm/W @40W 128lm/W @50W 127lm/W @60W 138lm/W @80W/120W/160W 135lm/W @100W/150W/200W 133lm/W @120W/180W/240W	150lm/W @40W 148lm/W @50W 146lm/W @60W 157lm/W @80W/120W/160W 155lm/W @100W/150W/200W 153lm/W @120W/180W/240W
	TYPE II	TYPE I TYPE II TYPE III
Lighting Distribution	See lighting distribution options on appendix	
Working Temperature	-40~+50°C	
Installation Diameter	Ø40-50mm(non-standard)/Ø57-63mm	

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T68

LED STREET LIGHT



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Two latches provide easy, tool-less access to the IP66 rated electrical compartment;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Ergonomic and dedicated lighting distributions for unmatched lighting performance;
- Fin-less whole structure heating dissipation design;
- Post-top or side-entry installation with ±15° inclination, compatible with a wide range of pole diameter;
- Optional NEMA receptacle & photocell for energy saving.

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TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power	40W-400W	
Power Factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
LED Brand	Lumileds Luxeon 3030	Customized Lumileds 5050
Typical Luminous Efficacy	145lm/W @40W 142lm/W @50W 140lm/W @60W 150lm/W @80W/120W/160W 147lm/W @100W/150W/200W/300W 145lm/W @120W/180W/240W/360W 141lm/W @400W	168lm/W @40W 165lm/W @50W 160lm/W @60W/100W 173lm/W @80W/120W/160W 170lm/W @100W/150W/200W/300W 167lm/W @120W/180W/240W/360W 170lm/W @400W
	TYPE I TYPE II	TYPE I TYPE II TYPE III
Lighting Distribution	See lighting distribution options on appendix	
Working Temperature	-40~+50°C	
Installation Diameter	Ø40-50mm/ Ø55-65mm/ Ø65-75mm	

T69

LED STREET LIGHT



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Two latches provide easy, tool-less access to the IP66 rated electrical compartment;
- Die-cast aluminum housing, solid mechanism and reliable quality;
- Ergonomic and dedicated lighting distributions for unmatched lighting performance;
- Fin-less whole structure heating dissipation design;
- Optional NEMA receptacle & photocell for energy saving.

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TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power	60W-240W	
Power Factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
LED Brand	Lumileds Luxeon 3030	Customized Lumileds 5050
Typical Luminous Efficacy	148lm/W @40W 145lm/W @50W 143lm/W @60W 154lm/W @80W/120W/160W 151lm/W @100W/150W/200W 149lm/W @120W/180W/240W	168lm/W @40W 165lm/W @50W 160lm/W @60W 173lm/W @80W/120W/160W 170lm/W @100W/150W/200W 167lm/W @120W/180W/240W
	TYPE II	TYPE I TYPE II TYPE III
Lighting Distribution	See lighting distribution options on appendix	
Working Temperature	-40~+50°C	
Installation Diameter	Ø40-50mm(non-standard)/Ø57-63mm	