LITE LUX

Empowering LED illumination

Energy | Efficient | Lighting

Street Light

Wall Washer

Tunnel Light

OUTDOOR LIGHTING
CATALOG

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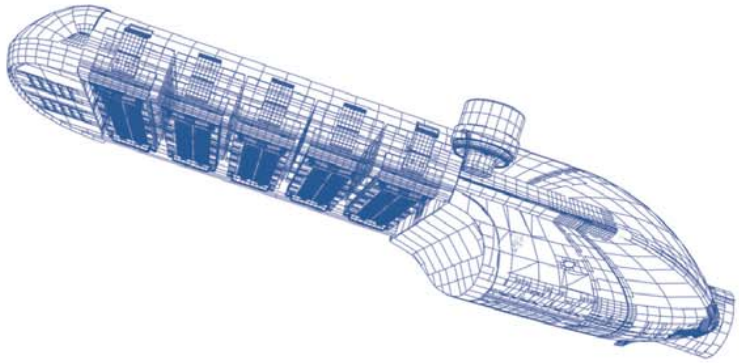
STREET LIGHT

I–SMART SERIES

FEATURES

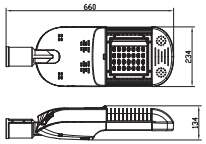
- Good appearance.
- 0-90 degree angle adjustable.
- Tool-free installation and maintenance.
- Excellent heat dissipation performance.
- Photocell and remote controlling system.
- Modular design to support SKD cooperation.
- Type I;II;III,IV light distribution available.



I-Smart Series
36W LED Street Light
Item NO.:LLUX-STWF0S2-028B2MO-00E

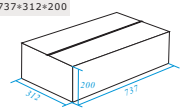
TÜV c UL us CB
CE PSE AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
737*312*200



Optical Spec

Module Quantity	1
LED Quantity	28pcs
Lamp Efficiency	>88LM/W
LED Efficiency	125LM/W
Initial Delivered Lumen	3340LM
Normal Luminous Flux	3150LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000K
Color Rendering Index	Ra>65
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	9Lux 14m × 60m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.92
Input Power	36W
Power Efficiency	>91%

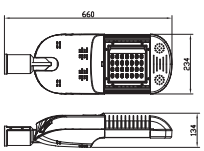
Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L660*W234*H134mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	5±0.2kg
Lifespan	50000h

I-Smart Series
44W LED Street Light
Item NO.:LLUX-STWF0S2-028C2MO-00E

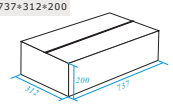
TÜV c UL us CB
CE PSE AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
737*312*200



Optical Spec

Module Quantity	1
LED Quantity	28pcs
Lamp Efficiency	>85LM/W
LED Efficiency	125LM/W
Initial Delivered Lumen	3940LM
Normal Luminous Flux	3740LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000K
Color Rendering Index	Ra>65
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	10.7Lux 14m × 60m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.92
Input Power	44W
Power Efficiency	>91%

Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L660*W234*H134mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	5±0.2kg
Lifespan	50000h

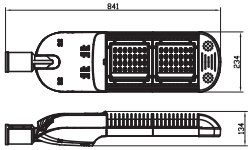
I-Smart Series

72W LED Street Light

Item NO.: LLUX-STWF0S2-056B2MO-00E

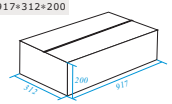
AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
917*312*200



Optical Spec

Module Quantity	2
LED Quantity	56pcs
Lamp Efficiency	>88LM/W
LED Efficiency	125LM/W
Initial Delivered Lumen	6670LM
Normal Luminous Flux	6300LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>65
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	18Lux 14m × 60m
Illuminance Scope at 10M	11.8Lux 17m ×75m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.92
Input Power	72W
Power Efficiency	>91%

Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L841*W234*H134mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	7.5±0.2kg
Lifespan	50000h

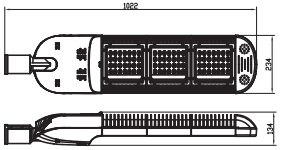
I-Smart Series

106W LED Street Light

Item NO. LLUX-STWF0S2-084B2MO-00E

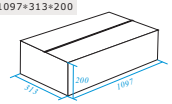
AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
1097*313*200



Optical Spec

Module Quantity	3
LED Quantity	84pcs
Lamp Efficiency	>88LM/W
LED Efficiency	125LM/W
Initial Delivered Lumen	9800LM
Normal Luminous Flux	9330LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>65
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	26.4Lux 14m × 60m
Illuminance Scope at 10M	17.5Lux 17m ×75m

Electrical Spec

Input voltage Frequency	AC100-270V 50/60Hz
Power Factor	>0.92
Input Power	106W
Power Efficiency	>91%

Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L1022*W234*H134mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	9±0.2kg
Lifespan	50000h

I-Smart Series

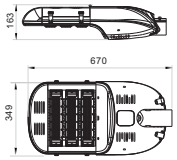
120W LED Street Light

Item No. LLUXSTAA-01-01

TÜV c UL us CB

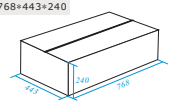
CE PSE AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
768*443*240



Optical Spec

Module Quantity	3
LED Quantity	48pcs
Lamp Efficiency	>82LM/W
LED Efficiency	130LM/W
Initial Delivered Lumen	9540LM
Normal Luminous Flux	9065LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>70
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	25.8Lux 14m×60m
Illuminance Scope at 10M	16.5Lux 17m×75m
Illuminance Scope at 12M	11.5Lux 20m×90m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input Power	120W
Power Efficiency	>90%

Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L670*W349*H163mm
IP Rating	IP66
Shell material	Aluminum+Optic PC
Net Weight	9.5±0.2kg
Lifespan	50000h

I-Smart Series

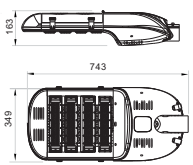
150W LED Street Light

Item No. LLUXSTAA-02-01

TÜV c UL us CB

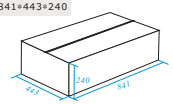
CE PSE AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
841*443*240



Optical Spec

Module Quantity	4
LED Quantity	64pcs
Lamp Efficiency	>88LM/W
LED Efficiency	130LM/W
Initial Delivered Lumen	13450LM
Normal Luminous Flux	12100LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>70
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	36.3Lux 14m × 60m
Illuminance Scope at 10M	23.2Lux 17m ×75m
Illuminance Scope at 12M	16.1Lux 20m ×90m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input Power	145W
Power Efficiency	>91%

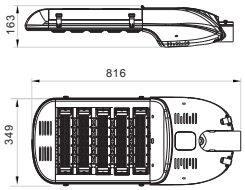
Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L743*W349*H163mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	10.5±0.2kg
Lifespan	50000h

I-Smart Series
200W LED Street Light
Item No. LLUXSTAA-03-01

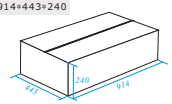
AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
914*443*240



Optical Spec

Module Quantity	5
LED Quantity	80pcs
Lamp Efficiency	>88LM/W
LED Efficiency	130LM/W
Initial Delivered Lumen	16300LM
Normal Luminous Flux	15500LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>70
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	46.4Lux 14m ×60m
Illuminance Scope at 10M	29.7Lux 17m ×75m
Illuminance Scope at 12M	20.6Lux 20m ×90m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input Power	185W
Power Efficiency	>91%

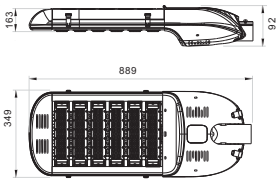
Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L816*W349*H163mm
IP Rating	IP66
Shell material	Aluminum+Optic PC
Net Weight	11.3±0.2kg
Lifespan	50000h

I-Smart Series
240W LED Street Light
Item No. LLUXSTAA-04-01

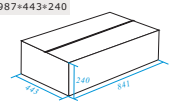
AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)

1pcs/Carton
987*443*240



Optical Spec

Module Quantity	6
LED Quantity	96pcs
Lamp Efficiency	>84LM/W
LED Efficiency	130LM/W
Initial Delivered Lumen	19800LM
Normal Luminous Flux	18800LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>70
Beam Angle	150°x 80°
Light Distribution	Type IV Long
Illuminance Scope at 8M	53.9Lux 14m ×60m
Illuminance Scope at 10M	34.5Lux 17m ×75m
Illuminance Scope at 12M	23.9Lux 20m ×90m

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input Power	230W
Power Efficiency	>91%

Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Storage Temperature	-30°C~50°C
Dimension(mm)	L889*W349*H163mm
IP Rating	Ip66
Shell material	Aluminum+Optic PC
Net Weight	12.5±0.2kg
Lifespan	50000h

STREET LIGHT
HP SERIES

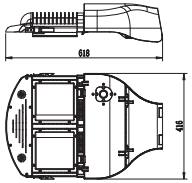
HP Series

56W LED Street Light/40W LED Street Light

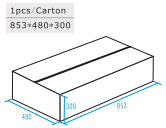
Item No. LLUXTWF-0008-HP-28/Item No. UNISTWF-HP-20

AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0008-HP-28	LLUXSTWF-0008-HP-20	LLUXSTWF-0008-HP-28	LLUXSTWF-0008-HP-20	LLUXSTWF-0008-HP-28	LLUXSTWF-0008-HP-20
LED Spec & Quantity	56×1W LED	40×1.5W LED	56×1W LED	40×1.5W LED	56×1W LED	56×1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K
LED Efficiency	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>86LM/W	>78LM/W	>82LM/W	>75LM/W	>90LM/W	>82LM/W
Initial Delivered Lumen TJ=25	5800LM	5500LM	6000LM	5600LM	6200LM	5800LM
Normal Luminous Flux TJ=66	5500LM	5200LM	5580LM	5200LM	5800LM	5500LM
Illuminance Scope at 8M	25Lux 15m×9.75m	23.5Lux 15m×9.75m	15.5Lux 21m×9.75m	14.5Lux 21m×9.75m	13.8Lux 27m×9.7m	13.2Lux 27m×9.7m
Illuminance Scope at 10M	14Lux 20m×13m	13Lux 20m×13m	8.5Lux 28m×13m	8Lux 28m×13m	7.8Lux 36m×13m	7.4Lux 36m×13m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium
Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Input Current	0.31A at 220V	0.33A at 220V	0.33A at 220V	0.34A at 220V	0.31A at 220V	0.33A at 220V
Total Power Consumption	65W	68W	70W	72W	65W	68W
Temperature Spec						
Shell Temperature(Ta=30°C)	47°C	50°C	50°C	51°C	47°C	50°C
Junction Temperature(Ta=30°C)	55°C	58°C	58°C	62°C	55°C	58°C
Shell Temperature Rise(Ta=30°C)	17°C	20°C	20°C	21°C	17°C	20°C
Junction Temperature Rise(Ta=30°C)	25°C	28°C	28°C	32°C	25°C	28°C

Other Spec

Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L618*W416*H150mm
Net Weight	10.66±0.2kg
IP Rating	IP66
Lifespan	50000h

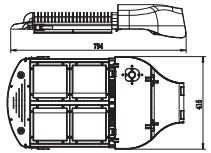
HP Series

112W LED Street Light / 80W LED Street Light

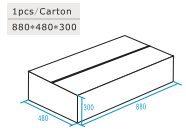
Item No. LLUXSTWF-0007-HP-28 / Item No. LLUXSTWF-0007-HP-20

AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20
LED Spec & Quantity	112×1W LED	80×1.5W LED	112×1W LED	80×1.5W LED	112×1W LED	80×1.5W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>89LM/W	>82LM/W	>87LM/W	>78LM/W	>96LM/W	>88LM/W
Initial Delivered Lumen TJ=25	11600LM	11000LM	12000LM	11200LM	12400LM	11600LM
Normal Luminous Flux TJ=66	11000LM	10400LM	11160LM	10400LM	11600LM	11000LM
Illuminance Scope at 8M	31Lux28m×13m	26.5Lux20m×13m	28Lux20m×13m	16.5Lux28m×13m	15Lux36m×13m	15Lux36m×13m
Illuminance Scope at 10M	20Lux35m×16m	17Lux25m×16m	18Lux25m×16m	10.5Lux35m×16m	10Lux45m×16m	9.5Lux45m×16m
Illuminance Scope at 12M	14Lux42m×19.5m	11.5Lux30m×19.5m	12.5Lux30m×19.5m	7Lux42m×19.5m	7Lux54m×19.5m	6.5Lux54m×19.5m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium

Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Input Current	0.56A at 220V	0.62A at 220V	0.66A at 220V	0.68A at 220V	0.56A at 220V	0.62A at 220V
Total Power Consumption	125W	130W	138W	142W	125W	130W

Temperature Spec						
Shell Temperature(Ta=30)	47°C	47°C	47°C	47°C	47°C	47°C
Junction Temperature(Ta=30)	55°C	58°C	55°C	58°C	55°C	58°C
Shell Temperature Rise(Ta=30)	17°C	17°C	17°C	17°C	17°C	17°C
Junction Temperature Rise(Ta=30)	25°C	28°C	25°C	28°C	25°C	28°C

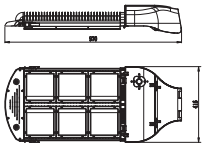
Other Spec	
Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L794*W416*H150mm
Net Weight	13±0.2kg
IP Rating	Ip66
Lifespan	50000h

HP Series

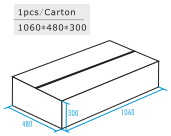
168W LED Street Light / 120W LED Street Light

Iteem Nm Noo. LLUXIISSTTWWFF--00000066--HHPP--228 / 8 / IIteem Nm Noo. U. LLUXSTWF-0006-HP-20

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20	LLUXSTWF-0007-HP-28	LLUXSTWF-0007-HP-20
LED Spec & Quantity	168×1W LED	120×1.5W LED	168×1W LED	120×1.5W LED	168×1W LED	120×1.5W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K	3000K-3500K/4000K-4500K/5500K-6500K
LED Efficiency	105LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>89LM/W	>82LM/W	>87LM/W	>78LM/W	>96LM/W	>88LM/W
Initial Delivered Lumen TJ=25	17400LM	16500LM	18000LM	16800LM	18600LM	17400LM
Normal Luminous Flux TJ=66	16500LM	15600LM	16740LM	15600LM	17400LM	16500LM
Illuminance Scope at 8M	42Lux 20m×13m	40Lux 20m×13m	26.5Lux 28m×13m	24.5Lux 28m×13m	23Lux 36m×13m	23Lux 36m×13m
Illuminance Scope at 10M	27Lux 25m×16m	25.5Lux 25m×16m	17Lux 35m×16m	15.5Lux 35m×16m	15Lux 45m×16m	15Lux 45m×16m
Illuminance Scope at 12M	18.5Lux 30m×19.5m	17.5Lux 30m×19.5m	11.8Lux 42m×19.5m	11Lux 42m×19.5m	10Lux 54m×19.5m	10Lux 54m×19.5m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium

Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Input Current	0.9A at 220V	0.93A at 220V	1A at 220V	1A at 220V	0.9A at 220V	0.93A at 220V
Total Power Consumption	190W	196W	208W	215W	190W	196W

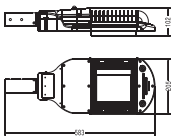
Temperature Spec						
Shell Temperature(Ta=30°C)	47°C	49°C	52°C	53°C	47°C	49°C60°C
Junction Temperature(Ta=30°C)	55°C	60°C	60°C	61°C	55°C	17°C
Shell Temperature Rise(Ta=30°C)	17°C	19°C	22°C	23°C	17°C	19°C
Junction Temperature Rise(Ta=30°C)	25°C	30°C	30°C	31°C	25°C	30°C

Other Spec	
Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L970*W416*H150mm
Net Weight	17.3±0.2kg
IP Rating	Ip66
Lifespan	50000h

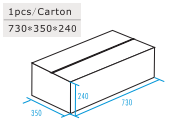
STREET LIGHT
UP SERIES

UP Series
28W LED Street Light
Item No. LLUXSTWF-0009

Product Dimension(mm)



Packing Dimension(mm)



AS/NZS1158.6

Optical Spec	Type I Light Distribution	Type II Light Distribution	Type III Light Distribution
Item#	LLUXSTWF-0009	LLUXSTWF-0009	LLUXSTWF-0009
LED Spec & Quantity	28×1W LED	28×1W LED	28×1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>95LM/W	>92LM/W	>100LM/W
Initial Delivered Lumen TJ=25	2900LM	3000LM	3100LM
Normal Luminous Flux TJ=66	2750LM	2790LM	2900LM
Illuminance Scope at 4M	28Lux10m×6.5m	17.5Lux14m×6.5m	15.5Lux18m×6.5m
Illuminance Scope at 6M	12.5Lux15m×9.75m	7.5Lux21m×9.75m	7Lux27m×9.7m
Color Rendering Index	Ra>65	Ra>65	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°
Light Distribution	Type I Short	Type II Short	Type III Medium

Electrical Spec			
Input voltage Frequency	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
Power Factor	>0.9	>0.9	>0.9
Input Current	0.142A at 220V	0.155A at 220V	0.142A at 220V
Total Power Consumption	30W	32W	30W

Temperature Spec			
Shell Temperature(Ta=30)	42°C	42°C	42°C
Junction Temperature(Ta=30)	50°C	55°C	50°C
Shell Temperature Rise(Ta=30)	12°C	12°C	12°C
Junction Temperature Rise(Ta=30)	20°C	25°C	20°C

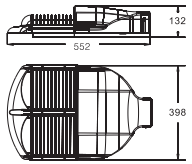
Other Spec	
Operating Temperature &Humidity	-30°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L583*W205*H102mm
Net Weight	3.95±0.2kg
IP Rating	Ip66
Lifespan	50000h

UP Series

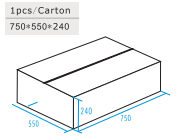
56W LED Street Light / 40W LED Street Light

Item No. LLUXSTWF-0008-UP-28 / Item No. LLUXSTWF-HP-20

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0008-UP-28	LLUXSTWF-0008-UP-20	LLUXSTWF-0008-UP-28	LLUXSTWF-0008-UP-20	LLUXSTWF-0008-UP-28	LLUXSTWF-0008-UP-20
LED Spec & Quantity	56×1W LED	40×1.5W LED	56×1W LED	40×1.5W LED	56×1W LED	40×1.5W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>86LM/W	>78LM/W	>82LM/W	>75LM/W	>90LM/W	>82LM/W
Initial Delivered Lumen TJ=25	5800LM	5500LM	6000LM	5600LM	6200LM	5800LM
Normal Luminous Flux TJ=66	5500LM	5200LM	5580LM	5200LM	5800LM	5500LM
Illuminance Scope at 8M	25Lux15m×9.75m	23.5Lux15m×9.75m	15.5Lux21m×9.75m	14.5Lux21m×9.75m	13.8Lux27m×9.7m	13.2Lux27m×9.7m
Illuminance Scope at 10M	14Lux20m×13m	13Lux20m×13m	8.5Lux28m×13m	8Lux28m×13m	7.8Lux36m×13m	7.4Lux36m×13m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium

Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Input Current	0.31A at 220V	0.33A at 220V	0.33A at 220V	0.34A at 220V	0.31A at 220V	0.33A at 220V
Total Power Consumption	65W	68W	70W	72W	65W	68W

Temperature Spec						
Shell Temperature(Ta=30)	47°C	47°C	47°C	47°C	47°C	47°C
Junction Temperature(Ta=30)	55°C	58°C	55°C	58°C	55°C	58°C
Shell Temperature Rise(Ta=30)	17°C	17°C	17°C	17°C	17°C	17°C
Junction Temperature Rise(Ta=30)	25°C	28°C	25°C	28°C	25°C	28°C

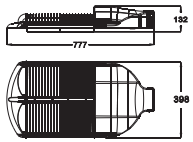
Other Spec	
Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L552*W398*H132mm
Net Weight	10.26±0.2kg
IP Rating	Ip66
Lifespan	50000h

UP Series

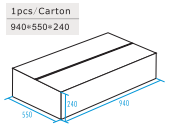
112W LED Street Light / 80W LED Street Light

Item No. LLUXNISTWF-0007-UP-28 / Item No. LLUXSTWF-0007-UP-20

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-UP-20	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-UP-20	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-HP-20
LED Spec & Quantity	112×1W LED	80×1.5W LED	112×1W LED	80×1.5W LED	112×1W LED	80×1.5W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>89LM/W	>82LM/W	>87LM/W	>78LM/W	>96LM/W	>88LM/W
Initial Delivered Lumen TJ=25	11600LM	11000LM	12000LM	11200LM	12400LM	11600LM
Normal Luminous Flux TJ=66	11000LM	10400LM	11160LM	10400LM	11600LM	11000LM
Illuminance Scope at 8M	31Lux28m×13m	26.5Lux20m×13m	28Lux20m×13m	16.5Lux28m×13m	15Lux36m×13m	15Lux36m×13m
Illuminance Scope at 10M	20Lux35m×16m	17Lux25m×16m	18Lux25m×16m	10.5Lux35m×16m	10Lux45m×16m	9.5Lux45m×16m
Illuminance Scope at 12M	14Lux42m×19.5m	11.5Lux30m×19.5m	12.5Lux30m×19.5m	7Lux42m×19.5m	7Lux54m×19.5m	6.5Lux54m×19.5m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium
Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Input Current	0.56A at 220V	0.62A at 220V	0.66A at 220V	0.68A at 220V	0.56A at 220V	0.62A at 220V
Total Power Consumption	125W	130W	138W	142W	125W	130W
Temperature Spec						
Shell Temperature(Ta=30)	47°C	47°C	47°C	47°C	47°C	47°C
Junction Temperature(Ta=30)	55°C	58°C	55°C	58°C	55°C	58°C
Shell Temperature Rise(Ta=30)	17°C	17°C	17°C	17°C	17°C	17°C
Junction Temperature Rise(Ta=30)	25°C	28°C	25°C	28°C	25°C	28°C

Other Spec

Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L777*W398*H132mm
Net Weight	14±0.2kg
IP Rating	Ip66
Lifespan	50000h

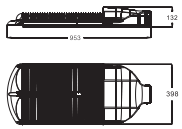
UP Series

168W LED Street Light / 120W LED Street Light

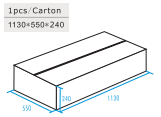
No. LLUXISTWF-0006-UP-28 / Item No. LLUXSTWF-0006-UP-20

AS/NZS1158.6

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec	Type I Light Distribution		Type II Light Distribution		Type III Light Distribution	
Item#	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-UP-20	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-UP-20	LLUXSTWF-0007-UP-28	LLUXSTWF-0007-UP-20
LED Spec & Quantity	168×1W LED	120×1.5W LED	168×1W LED	120×1.5W LED	168×1W LED	120×1.5W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	105LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W	110~130LM/W
Lamp Efficiency	>89LM/W	>82LM/W	>87LM/W	>78LM/W	>96LM/W	>88LM/W
Initial Delivered Lumen TJ=25	17400LM	16500LM	18000LM	16800LM	18600LM	17400LM
Normal Luminous Flux TJ=66	16500LM	15600LM	16740LM	15600LM	17400LM	16500LM
Illuminance Scope at 8M	42Lux20m×13m	40Lux20m×13m	26.5Lux28m×13m	24.5Lux28m×13m	23Lux36m×13m	23Lux36m×13m
Illuminance Scope at 10M	27Lux25m×16m	25.5Lux25m×16m	17Lux35m×16m	15.5Lux35m×16m	15Lux45m×16m	15Lux45m×16m
Illuminance Scope at 12M	18.5Lux30m×19.5m	17.5Lux30m×19.5m	11.8Lux42m×19.5m	11Lux42m×19.5m	10Lux54m×19.5m	10Lux54m×19.5m
Color Rendering Index	Ra>65	Ra>65	Ra>65	Ra>65	Ra>70	Ra>70
Beam Angle	130°x 80°	130°x 80°	130°x 80°	130°x 80°	150°x 80°	150°x 80°
Light Distribution	Type I Short	Type I Short	Type II Short	Type II Short	Type III Medium	Type III Medium

Electrical Spec						
Input voltage Frequency	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz	AC100-277V 50/60Hz
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Input Current	0.9A at 220V	0.93A at 220V	1A at 220V	1A at 220V	0.9A at 220V	0.93A at 220V
Total Power Consumption	190W	196W	208W	215W	190W	196W

Temperature Spec						
Shell Temperature(Ta=30)	47°C	47°C	47°C	47°C	47°C	47°C
Junction Temperature(Ta=30)	55°C	58°C	55°C	58°C	55°C	58°C
Shell Temperature Rise(Ta=30)	17°C	17°C	17°C	17°C	17°C	17°C
Junction Temperature Rise(Ta=30)	25°C	28°C	25°C	28°C	25°C	28°C

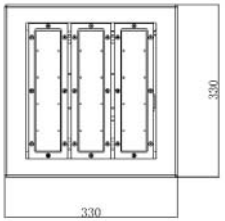
Other Spec	
Operating Temperature &Humidity	-40°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L953*W398*H132mm
Net Weight	18.4±0.2kg
IP Rating	IP66
Lifespan	50000h

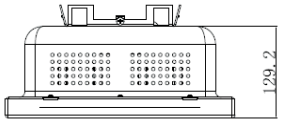
CANOPY LIGHT
SERIES

- Good appearance.
- Can be tidied with water.
- Venting on sides, easy to emit heat.
- Module can be replaced, easy to install.

LED CANOPY LIGHT(100W)
Item NO.: LLUXE000-048C000-02E

Product Dimension(mm)





Optical Spec

Module Quantity	3
LED Quantity	48pcs
Lamp Efficiency	>88LM/W
LED Efficiency	125LM/W
Initial Delivered Lumen	9400LM
Normal Luminous Flux	8900LM
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
Color Rendering Index	Ra>70
Beam Angle	120°

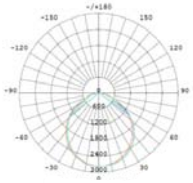
Electrical Spec

Input voltage Frequency	AC100-277V
Power Factor	>0.92
Input Power	100W
Power Efficiency	>91%

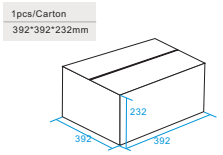
Other Spec

Operating Temperature	-30°C~45°C
Operating Humidity	10~90RH
Dimension(mm)	L330*W330*H129mm
IP Rating	IP65
Shell material	Steel board+Temperedglass
Net Weight	9.5±0.2kg
Lifespan	50000h

Disrtribution Curve



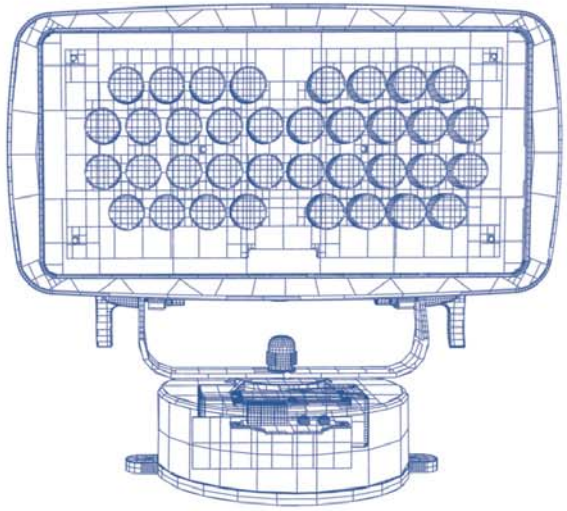
Packing Dimension



WALL WASHER
SERIES

FEATURES

- Flicker free.
- Energy-saving(80% power saved).
- Multiple angle lens available.
- Long lifetime(Up to 50000 hours).
- Optional colors:PW/WW/RED/GREEN/BIUE/AMDER/RGB/AWB.



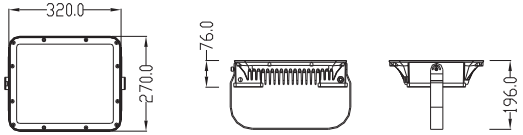
48W LED Vivid Light

Item No. LLUXPRFF-0002(RGB)/LLUXPRFF-0002(AWB)

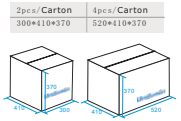
Specifications

Input voltage& Frequency	AC100-240V 50/60Hz
Total Power Consumption	60W
LED Model & Number	48x 1W LEDs
Control Mode	DMX 512
Beam Angle	120°x 60°,15°/ 30°/45°/60°Round lens
Distribution	L320xW196×H270mm
Material	Aluminum alloy and Tempered glass
Net Weight	5.4±0.2kg

Product Dimension



Packing Dimension



IP65 ETL No:3174206

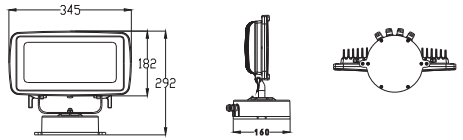
36W LED Wall Washer

Item No. LLUXPRFF-0001(RGB)/LLUXPRFF-0001(AWB) LLUXPRFF-0001(White)

Specifications

Input voltage& Frequency	AC100-240V 50/60Hz
Total Power Consumption	40W
LED Model & Number	36x 1W LEDs(12R,12G,12B)
Control Mode	DMX 512
Beam Angle	15°/ 30°/60°/45°
Distribution	L345xW360×H292mm
Material	Glass+Aluminum alloy
Net Weight	4.6±0.2kg

Product Dimension



Packing Dimension

IP65 ETL No:3174206

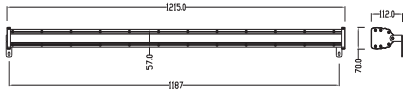
36W LED Wall Washer

Item No. LLUXWAFF-0009(RGB)/LLUXWADF-0009(AWB) LLUXWAWF-0009(White)

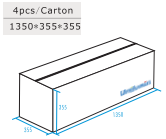
Specifications

Input voltage& Frequency	AC100-240V 50/60Hz
Total Power Consumption	45W
LED Model & Number	36 x 1W LEDs
LED Chip	Epistar CREE Optional
Optional Color	RGB(8R,8G,84B)/AWB(8A,8W,8B)/White(24W)
Control Mode	DMX 512
Beam Angle	15°/30°/60°
Distributial	L1245xW70×H112mm
Material	Glass+Aluminum alloy
Net Weight	4.6±0.2kg

Product Dimension



Packing Dimension



IP65

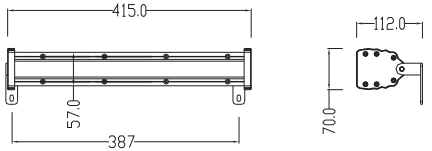
12W LED Wall Washer

Item No. LLUXWAFF-0010(RGB)/LLUXWADF-010(AWB) LLUXWAWF-0010(White)

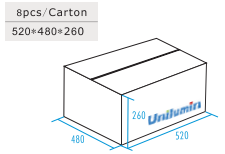
Specifications

Input voltage& Frequency	AC100-240V 50/60Hz
Total Power Consumption	14W
LED Model & Number	12 x 1W LEDs
LED Chip	Epistar CREE Optional
Optional Color	RGB(4R,4G,4B)/AWB(4A,4W,4B)/White(12W)
Control Mode	DMX 512
Beam Angle	15°/30°/60°
Distributial	L415xW70×H112mm
Material	Glass+Aluminum alloy
Net Weight	2.0±0.2kg

Product Dimension



Packing Dimension



IP65

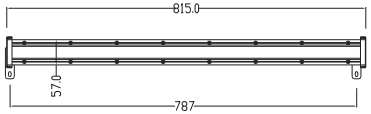
24W LED Wall Washer

Item No. LLUXWAFF-0007(RGB)/LLUXWADF-0007 (AWB) LLUXWAWF-0007(White)

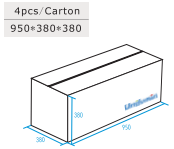
Specifications

Input voltage& Frequency	AC100-240V 50/60Hz
Total Power Consumption	27W
LED Model & Number	24x 1W LEDs
LED Chip	Epistar CREE Optional
Optional Color	RGB(8R,8G,8B)/AWB(8A,8W,8B)/White(24W)
Control Mode	DMX 512
Beam Angle	15°/ 30°/60°
Distribution	L815xW70×H112mm
Material	Giass+Aluminum alloy
Net Weight	3.5±0.2kg

Product Dimension



Packing Dimension



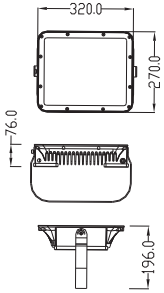
IP65

48W LED Flood Light

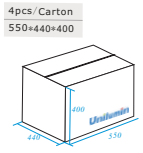
Item No. LLUXPRWF-0002

IP65 ETL No:3174206

Product Dimension(mm)



Packing Dimension(mm)



Optical Spec

LED Spec&Quantity	48*1W LED
LED Chip	Bridgelux
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/over7000k
LED Efficiency	110~130LM/W
Lamp Efficiency	>85LM/W
Initial Delivered Flux Tj=25	4250LM
Normal Luminous Flux Tj=60	3950LM
Illuminance Scope at 6M	112Lux 7m×3.2m
Illuminance Scope at 8M	66Lux 9m×4.2m
Illuminance Scope at 10M	41Lux 11.5m×5.3m
Illuminance Scope at 12M	28Lux 13.8m×6.4m
Color Rendering Index	>75
Beam Angle	120°x 60°;15°/30°/45°/60°Round lens

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.9
Input Power	0.27A(220V)
Total Power Consumption	55W

Temperature Spec

Shell Temperature (Ta=30)	48°C
Junction Temperature (Ta=30)	60°C
Shell Temperature Rise (Ta=30)	18°C
Junction Temperature Rise(Ta=30)	30°C

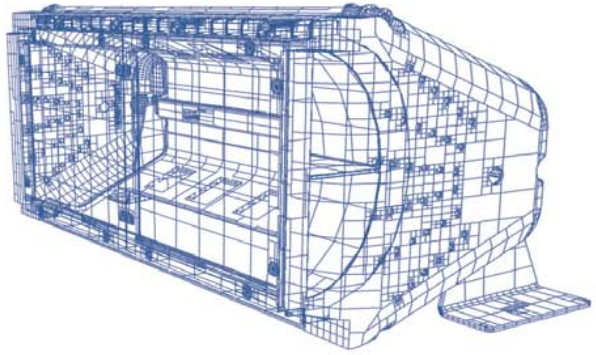
Other Spec

Operating Temperature&Humidity	-20°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L320*W196*H270mm
Net Weight	5.2±0.2kg
IP Rating	IP65
Lifespan	50000h

TUNNEL LIGHT
SERIES

FEATURES

- Modular design, easy maintenance.
- Tempered glass with high transmission efficiency.
- Glass cover with high hardness, general scratch resistance.
- Modular with DC24V input of safety.
- PDF+GF end housing with good thermostability and acidoresistance.
- Power supply with safety cover for protection.
- Hole design for better heat dissipation.



28W Tunnel Light

Item No. LLUXTLWE-0007

Optical Spec

LED Spec&Quantity	28*1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/7000k
LED Efficiency	110~130LM/W
Lamp Efficiency	>70LM/W
Initial Delivered Flux Tj=25	2500LM
Normal Luminous Flux Tj=60	2300LM
Illuminance Scope at 6M	28Lux 10m×6.5m
Illuminance Scope at 8M	12.5Lux 15m×9.75m
Color Rendering Index	>65
Beam Angle	130°x 80°

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.9
Input current	0.142A(220V)
Total Power Consumption	32W

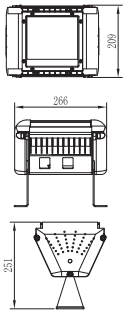
Temperature Spec

Shell Temperature (Ta=30°C)	42°C
Junction Temperature (Ta=30°C)	50°C
Shell Temperature Rise (Ta=30°C)	12°C
Junction Temperature Rise(Ta=30)	20°C

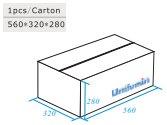
Other Spec

Operating Temperature&Humidity	-30°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L266*W209*H252mm
Net Weight	3.6±0.2kg
IP Rating	IP65
Lifespan	50000h

Product Dimension(mm)



Product Dimension(mm)



56W Tunnel Light

Item No. LLUXTLWE-0006

Optical Spec

LED Spec&Quantity	56*1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/7000k
LED Efficiency	110~130LM/W
Lamp Efficiency	>75LM/W
Initial Delivered Flux Tj=25	5300LM
Normal Luminous Flux Tj=60	5000LM
Illuminance Scope at 6M	25Lux 15m×9.75m
Illuminance Scope at 8M	14Lux 20m×13m
Color Rendering Index	>65
Beam Angle	130°x 80°

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.9
Input current	0.31A(220V)
Total Power Consumption	65W

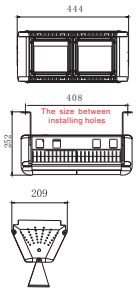
Temperature Spec

Shell Temperature (Ta=30 °C)	47°C
Junction Temperature (Ta=30°C)	55°C
Shell Temperature Rise (Ta=30°C)	17°C
Junction Temperature Rise(Ta=30°C)	25°C

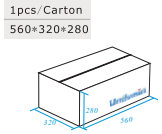
Other Spec

Operating Temperature&Humidity	-30°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L444*W209*H252mm
Net Weight	6.0±0.2kg
IP Rating	IP65
Lifespan	50000h

Product Dimension(mm)



Packing Dimension(mm)



84W Tunnel Light

Item No. LLUXTLWE-0005

Optical Spec

LED Spec&Quantity	84*1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/7000k
LED Efficiency	110~130LM/W
Lamp Efficiency	>75LM/W
Initial Delivered Flux Tj=25	7650LM
Normal Luminous Flux Tj=60	7300LM
Illuminance Scope at 6M	23Lux 28m×13m
Illuminance Scope at 8M	15Lux 48m×19.5m
Color Rendering Index	>65
Beam Angle	130°x 80°

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input current	0.44A(220V)
Total Power Consumption	97W

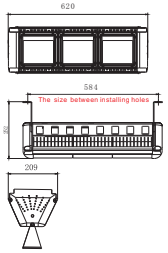
Temperature Spec

Shell Temperature (Ta=30)	47°C
Junction Temperature (Ta=30)	55°C
Shell Temperature Rise (Ta=30)	17°C
Junction Temperature Rise(Ta=30)	25°C

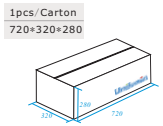
Other Spec

Operating Temperature&Humidity	-30°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L620*W209*H252mm
Net Weight	8.2±0.2kgs
IP Rating	IP65
Lifespan	50000h

Product Dimension(mm)



Packing Dimension(mm)



112W Tunnel Light

Item No. LLUXTLWE-0008

Optical Spec

LED Spec&Quantity	112*1W LED
LED Color Temperature	3000K-3500K/4000K-4500K/5500K-6500K/7000k
LED Efficiency	110~130LM/W
Lamp Efficiency	>75LM/W
Initial Delivered Flux Tj=25	9500LM
Normal Luminous Flux Tj=60	9000LM
Illuminance Scope at 6M	31Lux 28m×13m
Illuminance Scope at 8M	20Lux 42m×19.5m
Color Rendering Index	>65
Beam Angle	130°x 80°

Electrical Spec

Input voltage Frequency	AC100-277V 50/60Hz
Power Factor	>0.95
Input current	0.55A(220V)
Total Power Consumption	120W

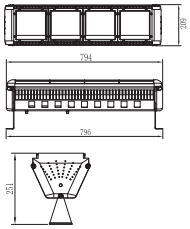
Temperature Spec

Shell Temperature (Ta=30)	47°C
Junction Temperature (Ta=30)	55°C
Shell Temperature Rise (Ta=30)	17°C
Junction Temperature Rise(Ta=30)	25°C

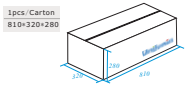
Other Spec

Operating Temperature&Humidity	-30°C~45°C/10~90RH
Storage Temperature	-40°C~60°C
Dimension(mm)	L794*W209*H252mm
Net Weight	10.5±0.2kg
IP Rating	IP65
Lifespan	50000h

Product Dimension(mm)



Parking Dimension(mm)



PROJECT REFERENCE

LED Street Light Series

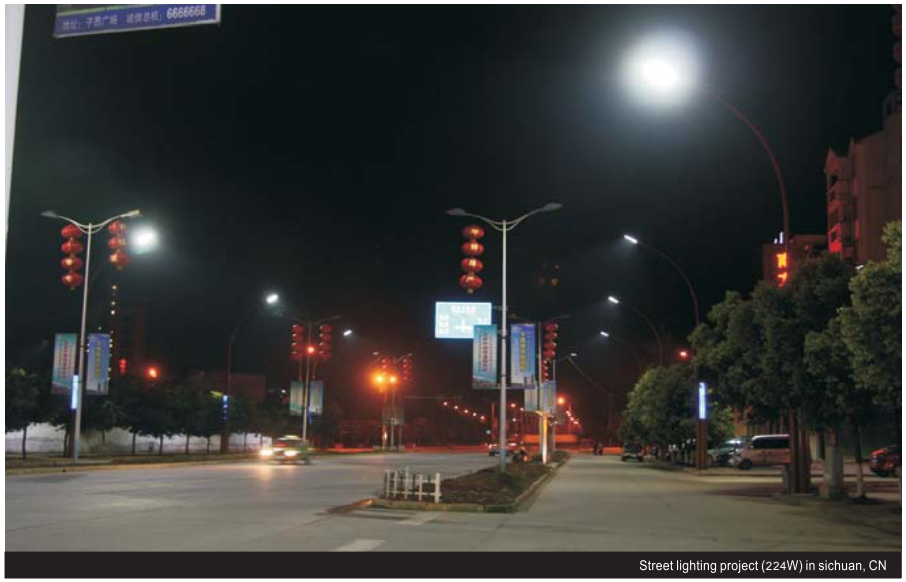
90W LED Street Light Installation at NanShan,ShenZhen

French

Street lighting project (90W) in Shenzhen, CN

120W LED Street Light
Installation on the Can ary Island of Spain

Street lighting project , Ireland



Street lighting project (224W) in sichuan, CN

PROJECT REFERENCE

LED Street Light Series

112W installed in GZexhibition & convention center

56W LED Street light in CA. USA

Street lighting project (120W) in Spain

Street lighting project (120W) in Shenzhen, CN

PROJECT REFERENCE

LED Street Light Series

Tehran Iran

Tehran Iran

Tehran Iran

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Kenya Office

A: Stoneguard Kenya Ltd
Ghale House, Moi Avenue
PO Box 7794 003, Nairobi, KE

T: +44 (0) 3333 208 062
E: info@litelux.com
W: www.litelux.com

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