



Unser LED Lampen Sortiment

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oder

0151/12493842



Sword I LED Street Light 3030 Series

Performance Parameters

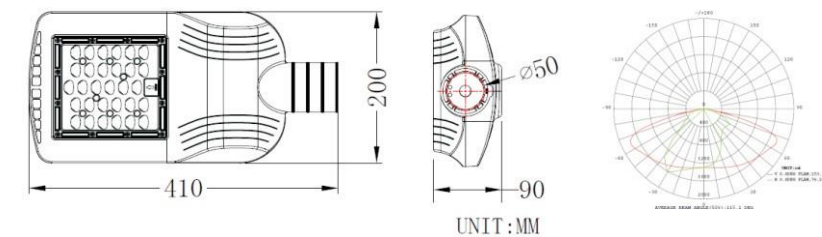
Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	30W/40W/50W/60W
LED Luminous efficiency	≥120lm/W
CRI	>70
Beam Angle	150*65°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
OperationalCondition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



LUXEON 3030
120lm/W



Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Flux	IP Rating	Net Weight
LY-ST20030XX	30W	0.14A/220V	130lm/W	410X200X90mm	3900lm	IP66	2.8kg
LY-ST20040XX	40W	0.19A/220V	125lm/W	410X200X90mm	5000lm	IP66	2.8kg
LY-ST20050XX	50W	0.24A/220V	122lm/W	410X200X90mm	6100lm	IP66	2.8kg
LY-ST20060XX	60W	0.29A/220V	120lm/W	410X200X90mm	7200lm	IP66	2.8kg



Sword I LED Street Light 3030 Series

Performance Parameters

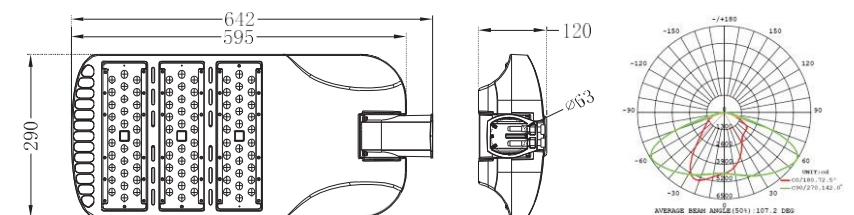
Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	100W/120W/150W
LED Luminous efficiency	≥120lm/W
CRI	>70
Beam Angle	150*65°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
OperationalCondition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



LUXEON 3030
120lm/W



Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Flux	IP Rating	Net Weight
LY-ST20100XX	100W	0.48A/220V	130lm/W	642X290X120mm	13000lm	IP66	6.9kg
LY-ST20120XX	120W	0.57A/220V	125lm/W	642X290X120mm	15000lm	IP66	6.9kg
LY-ST20150XX	150W	0.72A/220V	120lm/W	642X290X120mm	18000lm	IP66	6.9kg

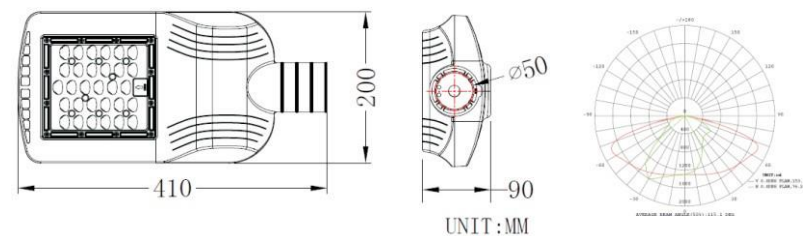


Sword II LED Street Light 5050 Series

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	30W/40W/50W/60W/70W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	150*65°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
OperationalCondition Temperature: -30℃~60℃ Humidity: 10%~90%RH	

Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Flux	IP Rating	Net Weight
LY-ST10030XX	30W	0.14A/220V	168lm/W	410X200X90mm	5040lm	IP66	2.8kg
LY-ST10040XX	40W	0.19A/220V	165lm/W	410X200X90mm	6600lm	IP66	2.8kg
LY-ST10050XX	50W	0.24A/220V	162lm/W	410X200X90mm	8100lm	IP66	2.8kg
LY-ST10060XX	60W	0.29A/220V	160lm/W	410X200X90mm	9600lm	IP66	2.8kg
LY-ST10070XX	70W	0.33A/220V	158lm/W	410X200X90mm	11060lm	IP66	2.8kg

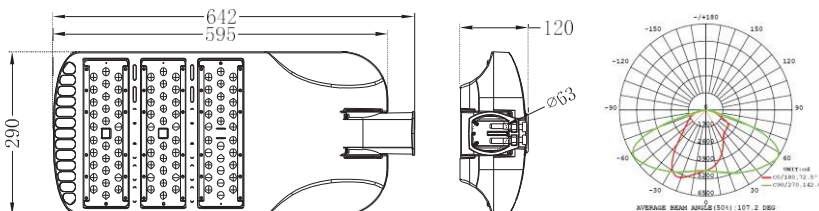


Sword II LED Street Light 5050 Series

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	100W/120W/150W/180W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	150*65°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
OperationalCondition Temperature: -30℃~60℃ Humidity: 10%~90%RH	

Model	Power Consumption	Current	Lumino us Efficiency	Product Dimension	Luminous Flux	IP Rating	Net Weight
LY-ST10100XX	100W	0.48A/220V	168lm/W	642X290X120mm	16800lm	IP66	6.9kg
LY-ST10120XX	120W	0.57A/220V	165lm/W	642X290X120mm	19800lm	IP66	6.9kg
LY-ST10150XX	150W	0.72A/220V	163lm/W	642X290X120mm	24450lm	IP66	6.9kg
LY-ST10180XX	180W	0.86A/220V	157lm/W	642X290X120mm	28260lm	IP66	6.9kg

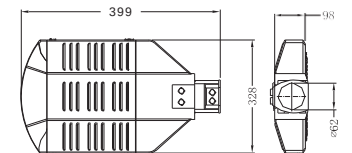


Single Modular Street Light —30W/40W/50W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	30W/40W/50W
LED Luminous efficiency	≥120lm/W
CRI	>60
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
OperationalCondition Temperature: -30℃~60℃ Humidity: 10%~90%RH	

Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST21030XX	30W	0.14A/220V	125lm/W	399X328X98mm	3750lm	IP65	5.3kg
LY-ST21040XX	40W	0.19A/220V	122lm/W	399X328X98mm	4880lm	IP65	5.3kg
LY-ST21050XX	50W	0.24A/220V	120lm/W	399X328X98mm	6000lm	IP65	5.3kg

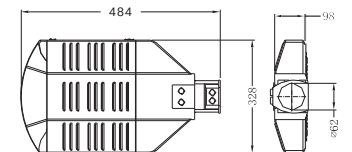


Two Modular Street Light —60W/80W/100W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	60W/80W/100W
LED Luminous efficiency	≥120lm/W
CRI	>60
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
OperationalCondition Temperature: -30℃~60℃ Humidity: 10%~90%RH	

Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST21060XX	60W	0.29A/220V	125lm/W	484X328X98mm	7500lm	IP65	6.7kg
LY-ST21080XX	80W	0.38A/220V	122lm/W	484X328X98mm	9750lm	IP65	6.7kg
LY-ST21100XX	100W	0.48A/220V	120lm/W	484X328X98mm	12000lm	IP65	6.7kg

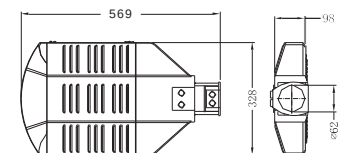


Three Modular Street Light —90W/120W/150W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	90W/120W/150W
LED Luminous efficiency	≥120lm/W
CRI	>60
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
工作条件 OperationalCondition Temperature: -30℃~60℃ Humidity: 10%~90%RH	

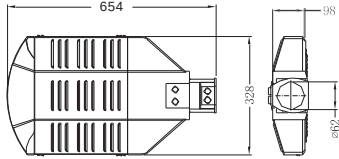
Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST22090XX	90W	0.43A/220V	125lm/W	569X328X98mm	11250lm	IP65	7.6kg
LY-ST22120XX	120W	0.57A/220V	122lm/W	569X328X98mm	14640lm	IP65	7.6kg
LY-ST22150XX	150W	0.72A/220V	120lm/W	569X328X98mm	18000lm	IP65	7.6kg



Four Modular Street Light —120W/160W/200W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	120W/160W/200W
LED Luminous efficiency	≥120lm/W
CRI	>60
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
OperationalCondition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

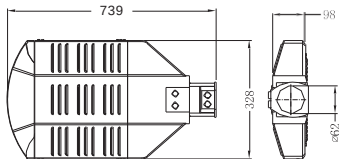


Model	Power Consumption	Current	Lumino us Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST21120XX	120W	0.43A/220V	125lm/W	654X328X98mm	15000lm	IP65	8.6kg
LY-ST21160XX	160W	0.57A/220V	122lm/W	654X328X98mm	19520lm	IP65	8.6kg
LY-ST21200XX	200W	0.72A/220V	120lm/W	654X328X98mm	24000lm	IP65	8.6kg

Five Modular Street Light —200W/250W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	150W/200W/250W
LED Luminous efficiency	≥120lm/W
CRI	>60
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
OperationalCondition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

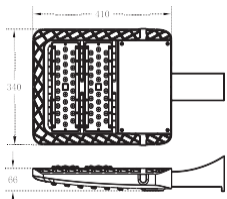


Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST22150XX	150W	0.72A/220V	125lm/W	739X328X98mm	18750lm	IP65	9.6kg
LY-ST22200XX	200W	0.96A/220V	122lm/W	739X328X98mm	24400lm	IP65	9.6kg
LY-ST22250XX	250W	1.20A/220V	120lm/W	739X328X98mm	30000lm	IP65	9.6kg

Spider LED Street Light—80W/100W/120W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	80W/100W/120W
LED Luminous efficiency	≥160lm/W
CRI	>70
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
OperationalCondition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



Model	Power Consumption	Current	Luminous Efficiency	Product Dimension	Luminous Weight Flux	IP Rating	Net
LY-ST30080XX	80W	0.38A/220V	165lm/W	410X340X66mm	13200lm	IP65	6.3kg
LY-ST30100XX	100W	0.48A/220V	162lm/W	410X340X66mm	16200lm	IP65	6.3kg
LY-ST30120XX	120W	0.57A/220V	158lm/W	410X340X66mm	18960lm	IP65	6.3kg

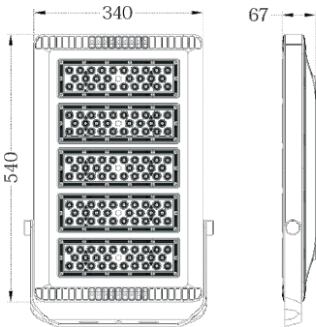


LED Plaza Lighting

New LED Stadium Light—200W/240W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.16A/220VAC
Power factor	≥0.98
Power efficiency	≥88%
Power	200W/240W
Luminous efficiency	≥160lm/W
CRI	>80
Beam Angle	25° 60° 90°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

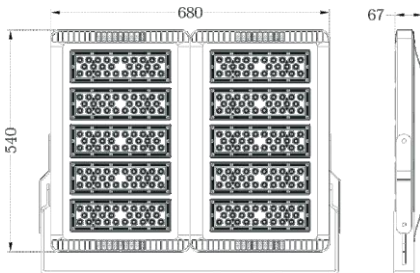


Mode 1	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST30200XX	200W	540X340X67mm	165lm/W	33000lm	IP66	9.5kg
LY-ST30240XX	240W	540X340X67mm	160lm/W	38400lm	IP66	9.5kg

New LED Stadium Light—400W/480W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	2.32A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	400W/480W
LED Luminous efficiency	≥160lm/W
CRI	>80
Beam Angle	25° 60° 90°
CCT	WW:2700-3000K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

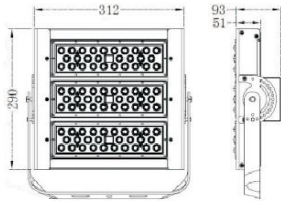


Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	NetWeight
LY-ST30400XX	400W	540X680X67mm	165lm/W	66000lm	IP66	19kg
LY-ST30480XX	480W	540X680X67mm	160lm/W	76800lm	IP66	19kg

LED Module Flood Light—120W/150W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.69A/220VAC
Power factor	≥0.98
Power efficiency	≥88%
Power	120W /150W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

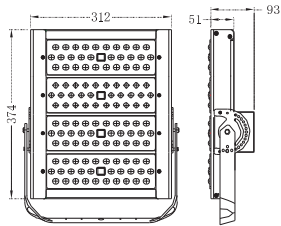


Model	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST54120XX	120W	312X290X93mm	165lm/W	19800lm	IP66	6.4kg
LY-ST54150XX	150W	312X290X93mm	160lm/W	24000lm	IP66	6.4kg

LED Module Flood Light—160W/200W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.93A/220VAC
Power factor	≥0.98
Power efficiency	≥88%
Power	160W /200W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

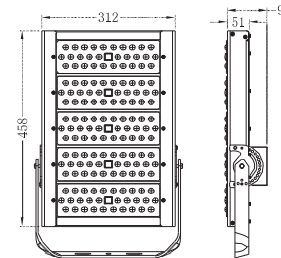


Mode 1	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST53160XX	160W	312X374X93mm	165lm/W	26400lm	IP66	7.4kg
LY-ST53200XX	200W	312X374X93mm	160lm/W	32000lm	IP66	7.4kg

LED Module Flood Light—200W/250W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.16A/220VAC
Power factor	≥0.98
Power efficiency	≥88%
Power	200W /250W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

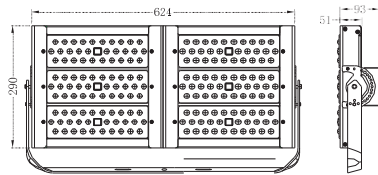


Model	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST54200XX	200W	312X458X93mm	165lm/W	33000lm	IP66	8.4kg
LY-ST54250XX	250W	312X458X93mm	160lm/W	40000lm	IP66	8.4kg

LED Module Flood Light—240W/300W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.39A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	240W /300W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700~3200K NW:4000~4500K PW:5000~6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

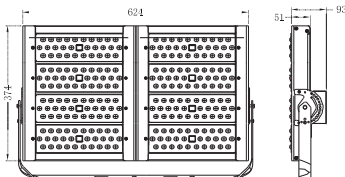


Mode 1	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST53240XX	240W	624X290X93mm	165lm/W	39600lm	IP66	12.8kg
LY-ST53300XX	300W	624X290X93mm	160lm/W	48000lm	IP66	12.8kg

LED Module Flood Light—320W/400W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.86A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	320W /400W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700~3200K NW:4000~4500K PW:5000~6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

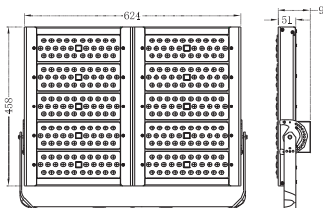


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	NetWeight
LY-ST53320XX	320W	624X374X93mm	165lm/W	52800lm	IP66	14.8kg
LY-ST53400XX	400W	624X374X93mm	160lm/W	64000lm	IP66	14.8kg

LED Module Flood Light—400W/500W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Input Current	2.32A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	400W /500W
LED Luminous efficiency	≥160lm/W
CRI	>70
Beam Angle	25° 60° 90°
CCT	WW:2700~3200K NW:4000~4500K PW:5000~6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

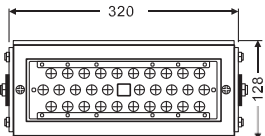
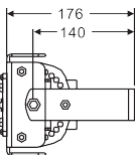


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	NetWeight
LY-ST53400XX	400W	624X458X93mm	165lm/W	66000lm	IP66	16.8kg
LY-ST53500XX	500W	624X458X93mm	160lm/W	80000lm	IP66	16.8kg

LED Modular Flood Light—50W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.23A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	50W
LED Luminous efficiency	≥120lm/W
CRI	>60
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700~3200K NW:4000~4500K PW:5000~6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

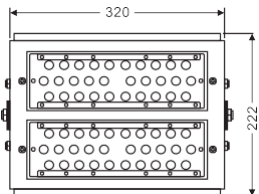
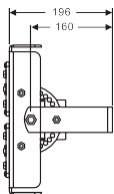


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	NetWeight
LY-ST23050XX	50W	654X328X98mm	120lm/W	6000lm	IP66	3.9kg

LED Modular Flood Light—100W

PerformanceParameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.46A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	100W
LED Luminous efficiency	≥120lm/W
CRI	>60
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700~3200K NW:4000~4500K PW:5000~6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

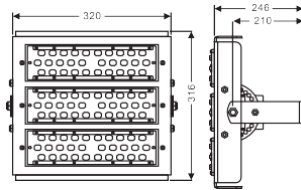


Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	NetWeight
LY-ST23100XX	100W	320X222X196mm	120lm/W	12000lm	IP66	5.6kg

LED Modular Flood Light—150W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.69A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	150W
LED Luminous efficiency	≥120lm/W
CRI	>60
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

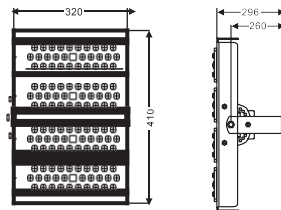


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST24150XX	150W	320X316X246mm	120lm/W	18000lm	IP66	7.2kg

LED Modular Flood Light — 200W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.93A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	200W
LED Luminous efficiency	≥120lm/W
CRI	>60
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

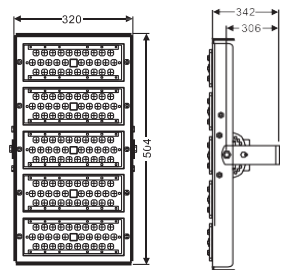


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST23200XX	200W	320X410X296mm	120lm/W	24000lm	IP66	9.2kg

LED Modular Flood Light — 250W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.16A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	250W
Luminous efficiency	≥120lm/W
CRI	>60
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

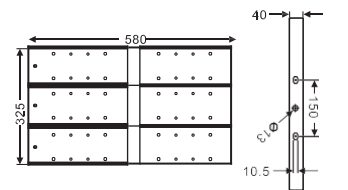


Model	Power Consumption	Product Dimension	Lumino us Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST24250XX	250W	320X504X342mm	120lm/W	30000lm	IP66	10.7kg

LED Modular Flood Light—300W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.39A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	300W
LED Luminous efficiency	≥120lm/W
CRI	>50
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

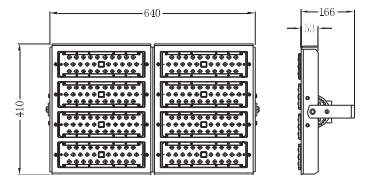


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST23300XX	300W	580X325X246mm	120lm/W	36000lm	IP66	12.5kg

LED Modular Flood Light—400W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	1.86A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	400W
LED Luminous efficiency	≥120lm/W
CRI	>50
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH

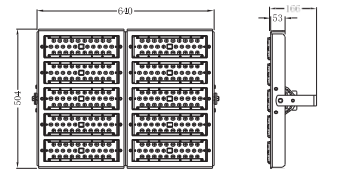


Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST23400XX	400W	640X410X166mm	120lm/W	48000lm	IP66	13.5kg

LED Modular Flood Light—500W

Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	2.32A/220V AC
Power factor	≥0.98
Power efficiency	≥88%
Power	500W
LED Luminous efficiency	≥120lm/W
CRI	>50
Beam Angle	24° 36° 60° 90° 160° 145*90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



Mode 1	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IPRating	Net Weight
LY-ST23500XX	500W	640X504X166mm	120lm/W	60000lm	IP66	15.97kg

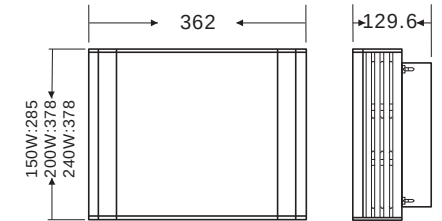


LED Low Bay Light I—150W/200W/240W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	150W/200W/240W
LED Luminous efficiency	≥115lm/W
CRI	>80
Beam Angle	120°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



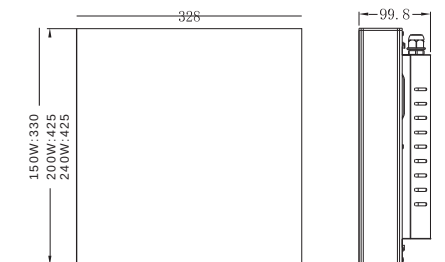
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-HB55150XX	150W	362X291X130mm	122lm/W	18300lm	IP50	6.6kg
LY-HB55200XX	200W	362X471X130mm	121lm/W	24200lm	IP50	7.3kg
LY-HB55240XX	240W	362X471X130mm	118lm/W	28320lm	IP50	7.5kg

LED Low Bay Light II—150W/200W/240W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	150W/200W/240W
LED Luminous efficiency	≥100lm/W
CRI	>75
Beam Angle	120°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



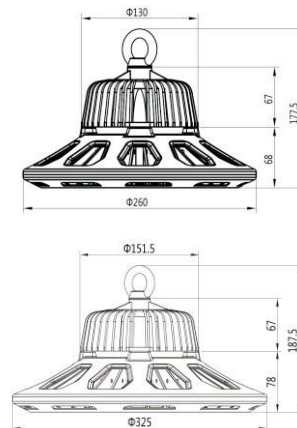
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-HB56150XX	150W	330X328X100mm	125lm/W	18750lm	IP50	5.3kg
LY-HB56200XX	200W	396X328X100mm	122lm/W	24400lm	IP50	6.2kg
LY-HB56240XX	240W	396X328X100mm	120lm/W	28800lm	IP50	6.4kg

LED UFO High Bay Light—100W/150W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	100W/150W
LED Luminous efficiency	≥120lm/W
CRI	>80
Beam Angle	60° 90° 120°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%



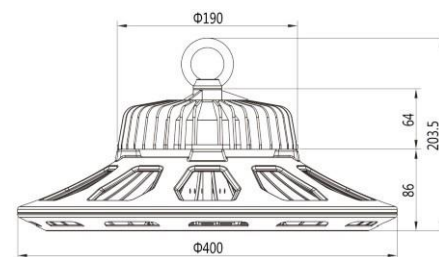
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-HB38100XX	100W	Φ 260X178mm	120lm/W	12000lm	IP65	2.6kg
LY-HB38150XX	150W	Φ 325X188mm	120lm/W	18000lm	IP65	3.2kg

LED UFO High Bay Light—200W/240W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	200W/240W
LED Luminous efficiency	≥120lm/W
CRI	>80
Beam Angle	60° 90° 120°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%



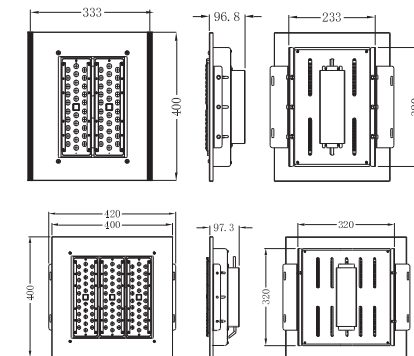
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-HB38200XX	200W	Φ 400X204mm	120lm/W	24000lm	IP65	3.95kg
LY-HB38240XX	240W	Φ 400X204mm	120lm/W	28800lm	IP65	5.42kg

LED Canopy Light—100W/150W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Power factor	≥0.98
Power efficiency	≥88%
Power	100W/150W
LED Luminous efficiency	≥120lm/W
CRI	≥65
Beam Angle	24° 36° 60° 90° 160°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



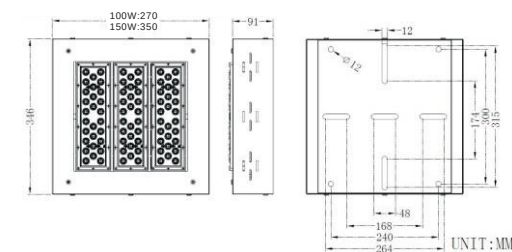
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-YL11100XX	100W	400X333X97mm	120lm/W	12000lm	IP66	6.5kg
LY-YL10150XX	150W	400X420X97mm	120lm/W	18000lm	IP66	7.9kg

LED Canopy Light—100W/150W



Performance Parameters

Input Voltage	AC100~240V 50/60Hz
Input Current	0.72A/220V AC 1.44A/110V AC
Power factor	≥0.95
Power efficiency	≥88%
Power	100W/150W
LED Luminous efficiency	≥160lm/W
CRI	>75
Beam Angle	25° 60° 90°
CCT	WW:2700-3200K NW:4000-4500K PW:5000-6500K
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%RH



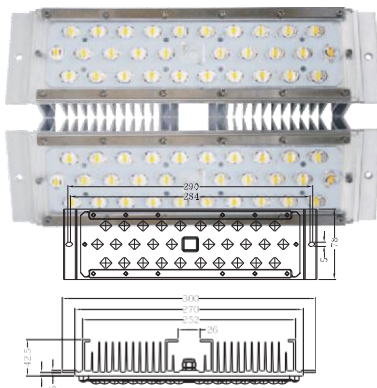
Model	Power Consumption	Product Dimension	Luminous Efficiency	Luminous Flux	IP Rating	Net Weight
LY-YL14100XX	100W	270X346X103mm	160lm/W	16000lm	IP66	5.4kg
LY-YL15150XX	150W	350X346X103mm	160lm/W	24000lm	IP66	6.2kg

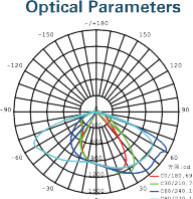


LED Module Lighting



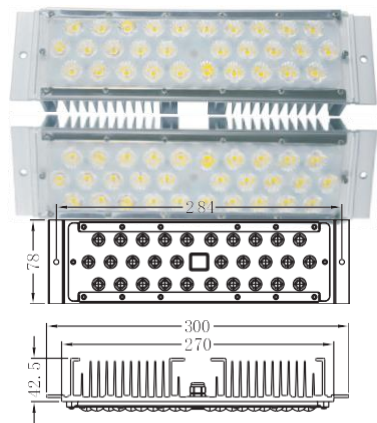
Street Light 3030 Module—30W/40W/45W

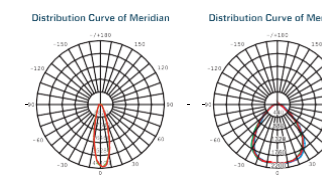


PerformanceParameters		Optical Parameters	
ProtectionGrade	IP66		
Material	Aluminum+ PC		
Size	300X80X60mm		
Weight	0.93kg		
Beam angle	150°*65°		
Working Life	50000h		
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%		

Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST11030XX	30 W	0.96A	29.5-31V	>65	4285lm	150lm/W	5000-6500K
					4147lm	145lm/W	4000-4500K
					4004lm	140lm/W	2700-3200K
LY-ST11040XX	40 W	1.3A	29.5-31V	>65	5526lm	140lm/W	5000-6500K
					5305lm	135lm/W	4000-4500K
					5109lm	130lm/W	2700-3200K
LY-ST11045XX	45 W	1.5A	29.5-31V	>65	5850lm	130lm/W	5000-6500K
					5650lm	125lm/W	4000-4500K
					5400lm	120lm/W	2700-3200K

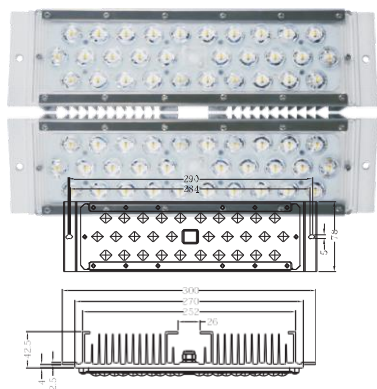
Flood Light Module—30W/40W/45W

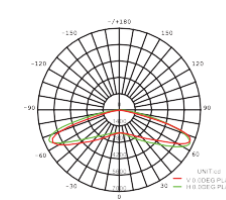


PerformanceParameters			Distribution Curve of Meridian	
ProtectionGrade	IP66			
Material	Aluminum+ PC			
Size	300X80X60mm			
Weight	0.96kg			
Beam angle	24° 36° 60° 90°			
Working Life	50000h			
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%			

Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST23030XX	30 W	0.96A	29.5-31V	>65	4350lm	145lm/W	5000-6500K
					4200lm	140lm/W	4000-4500K
					4050lm	135lm/W	2700-3200K
LY-ST23040XX	40 W	1.3A	29.5-31V	>65	5400lm	135lm/W	5000-6500K
					5200lm	130lm/W	4000-4500K
					5000lm	125lm/W	2700-3200K
LY-ST23045XX	45 W	1.4A	29.5-31V	>65	5620lm	125lm/W	5000-6500K
					5500lm	123lm/W	4000-4500K
					5400lm	120lm/W	2700-3200K

High Mast Light Module—30W/40W/45W



Performance Parameters		
Protection Grade	IP66	
Material	Aluminum+ PC	
Size	300X80X60mm	
Weight	0.96kg	
Beam angle	160°	
Working Life	50000h	
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%	

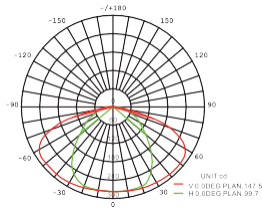
Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST23030XX	30 W	0.96A	29.5-31V	>65	4350lm	145lm/W	5000-6500K
					4200lm	140lm/W	4000-4500K
					4050lm	135lm/W	2700-3200K
LY-ST23040XX	40 W	1.3A	29.5-31V	>65	5400lm	135lm/W	5000-6500K
					5200lm	130lm/W	4000-4500K
					5000lm	125lm/W	2700-3200K
LY-ST23045XX	45 W	1.4A	29.5-31V	>65	5620lm	125lm/W	5000-6500K
					5500lm	123lm/W	4000-4500K
					5400lm	120lm/W	2700-3200K

3030 Module Series

LED Tunnel Light Module—30W/40W/45W

Performance Parameters

ProtectionGrade	IP66
Material	Aluminum+ PC
Size	300X80X60mm
Weight	0.98kg
Beam angle	150°90°
Working Life	50000h
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%

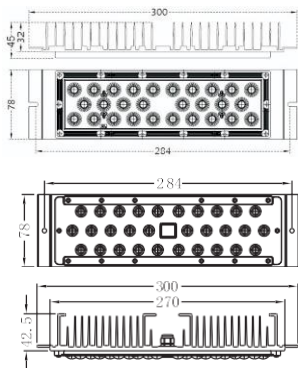


Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST27030XX	30W	0.96A	29.5-31V	>65	4285lm	1501m/W	5000-6500K
					4147lm	1451m/W	4000-4500K
					4004lm	1401m/W	2700-3200K
LY-ST27040XX	40W	1.3A	29.5-31V	>65	5526lm	1401m/W	5000-6500K
					5305lm	1351m/W	4000-4500K
					5109lm	1301m/W	2700-3200K
LY-ST27045XX	45W	1.4A	29.5-31V	>65	5800lm	1301m/W	5000-6500K
					5600lm	1251m/W	4000-4500K
					5400lm	1201m/W	2700-3200K

RGB Module Series—25° 60° 90°

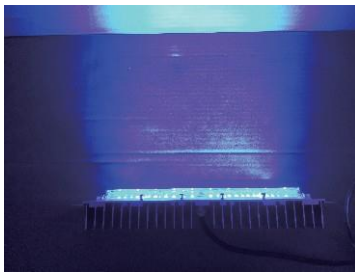
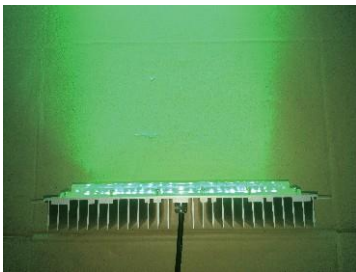
Performance Parameters

Model	LY-ST53035RGB
Power	35W
Input Voltage	DC13~25V
LED Qty	28pcs
ProtectionGrade	IP66
Material	Aluminum+ PC
Size	300X78X45mm
NetWeight	0.65kg
Beam angle	25° 60° 90°
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%



Emitting Color	λd/CCT	Typical Lumens	Forward Voltage	Forward Current
Red	620-630nm	1600lm	13-17V	1000mA
Green	520-530nm	2200lm	21-25V	1000mA
Blue	460-465nm	560lm	21-25V	1000mA

Picture:



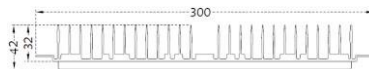
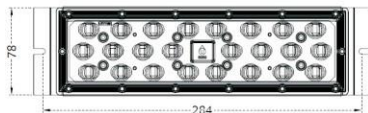
Street Light 5050 Module—150X65°

Performance Parameters

ProtectionGrade	IP66
Material	Aluminum+ PC
Size	300X78X42mm
Weight	0.665kg
Beam angle	150X65°
Working Life	50000h
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%



Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST51030XX	30W	0.67A	45-52V	>70	5190lm	1731m/W	5000-6500K
					5100lm	1701m/W	4000-4500K
					4890lm	1631m/W	2700-3200K
LY-ST51040XX	40W	0.89A	45-52V	>70	6880lm	1721m/W	5000-6500K
					6720lm	1681m/W	4000-4500K
					6480lm	1621m/W	2700-3200K
LY-ST51045XX	45W	1.0A	45-52V	>70	7650lm	1701m/W	5000-6500K
					7450lm	1651m/W	4000-4500K
					7200lm	1601m/W	2700-3200K



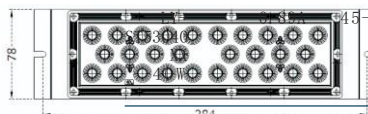
Flood Light 5050 Module—25° 60° 90°

Performance Parameters

ProtectionGrade	IP66
Material	Aluminum+ PC
Size	300X78X45mm
Weight	0.62kg
Beam angle	25° 60° 90°
Working Life	50000h
Operational Condition	Temperature: -30℃~60℃ Humidity: 10%~90%



Model	Power Consumption	Current	Voltage	Ra	Luminous Flux	Luminous Efficiency	CCT
LY-ST53045XX 30W	0.67A	45-52V	>70	White / 2500lm 13-25V 1100mA	5190lm	1731m/W	5000-6500K
					5100lm	1701m/W	4000-4500K
					4890lm	1631m/W	2700-3200K
LY-ST53045XX 45W	1.0A	45-52V	>70		6880lm	1721m/W	5000-6500K
					6720lm	1681m/W	4000-4500K
					6480lm	1621m/W	2700-3200K
LY-ST53045XX 45W	1.0A	45-52V	>70		7650lm	1701m/W	5000-6500K
					7450lm	1651m/W	4000-4500K
					7200lm	1601m/W	2700-3200K

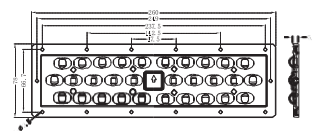


Lens

Performance Parameters



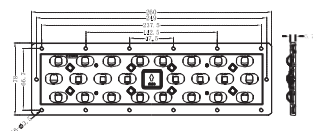
Name	3030 LED Street Light Module Lens
Material	PC
Color	Transparent
Structure	Plano-concave
Beam angle	150X65°
LED SuitableLED	SMD 3030 LED
Size	260X78X5.7mm
Application	ledstreet light



Performance Parameters



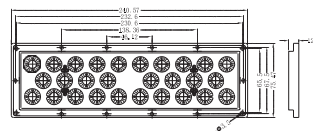
Name	5050 LED Street Light Module Lens
Material	PC
Color	Transparent
Structure	Plano-concave
Beam angle	150X65°
LED SuitableLED	SMD 5050 LED
Size	260X78X5.7mm
Application	ledstreet light



Performance Parameters



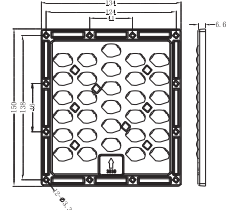
Name	5050 LED Flood Light Module Lens
Material	PC
Color	Transparent
Structure	Plano-concave
Beam angle	25° 60° 90°
LED SuitableLED	SMD 5050 LED
Size	240.5X75.4X12mm
Application	led flood light/ led high bay light



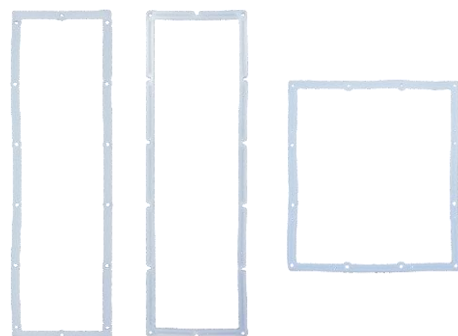
Performance Parameters



Name	5050 LED Street Light Module Lens
Material	PC
Color	Transparent
Structure	Plano-concave
Beam angle	150X65°
LED SuitableLED	SMD 5050 LED
Size	150X134X6.6mm
Application	ledstreet light

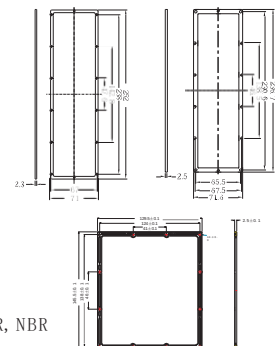


Silicone Ring Series



Performance Parameters

Elongation	300%
Tensile strength	8-12.5Mpa
Operation temperature	-40℃ ~ 180℃
Hardness	55-85 shore A
Withstand voltage	4000V~10000V
Material	Silicone, EPDM, CR, NR, NBR



LED Intelligent Control

Dali Controller:

1. With RS232 communication interface; Support a DALI bus, most allow linking 64 DALI lighting equipment;
2. Supports RS485 extension connection DALI gateway function, Up to 250 DALI gateway can be connected, Each gateway can connect 64 lights equipment, Most can control 16000 individual lights;
3. With DALI POWER individual output interface, more flexible compatibility;Gateway status monitoring function;With the brightness of the lights and condition monitoring functions.

Microwave Motion Sensor:

1. Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts;
2. Built-in adjustable daylight sensor. 1-10V interface can match up with Leyond stand-alone daylight sensor LY01 and achieve daylight harvesting;
3. Detection area, time delay and daylight threshold can be precisely set via DIP switch.

Photocell Sensor:

1. Meet stringent utility standards for street& highway lighting;Delayed response prevents switching due to light from vehicles, lightning
2. Longer life extends the maintenance cycle for photo-controls mounted in difficult locations;
3. Positive electronic switching provides quick make/ break of the load relay eliminating relay chatter;
4. Regulated voltage and silicon photocell maintain accurate turn on / off points of the life of the control;
5. Low power consumption through a unique regulator circuit. Resulting low internal temperature rise contributes to long life.

DALI Controller



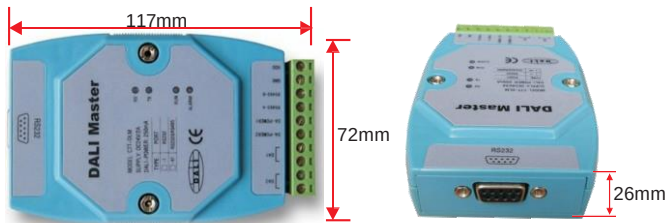
Functional Characteristics

- Software: Easy DALI lighting control system ;
- Maximum number of control lights :16000;
- Connection interface with computer: RS232 /RS485/USB;
- Controller :LY-DLM-1F Dali Master(64 address),LY-DLGW-R DALI gateway(expanded)(64 address/pcs);
- Communication distance:RS232 15M ; USB 15M ; RS485 1200M(Can add RS485 repeater to extend the distance) DALI 300M(Can add DALIrepeater to extend the distance);
- Extensions function : DALI Gateway can be connected to the expansion , every DALI Gateway can output a DALI bus (Up to 64pcs lights) ,can expansion connect up to 250pcs DALI gateway.

Main Technical Parameters

- Meeting internationally standardized protocol of DALI(IEC60929/ICE62386);
- Input power supply : AC200~240V 50/60Hz;
- Power consumption: ≤5W ;
- Output voltage : 16VDC;
- Output current: 250mA(max) ;
- Environmental temperature: -20℃ ~50℃ operating relative humidity 10%~90%;
- Storage temperature -30℃ ~+55℃ storage relative humidity 10%~93%;
- Have RS232 / Ethernet communication interface;
- Adopts industrial-grade bus RS485 for secondary extension, photoelectric isolation, distance of up to 1200 meters (access Rs485 repeaters, can extend the communication distance);
- Can extend up to connect 250 DALI gateway, each gateway can access 64 stage lighting equipment, can be controlled more than 16000
- Separate DALI lighting equipment;
- Have gateway status monitoring function;
- With the brightness of the lights and condition monitoring functions;
- Have DALI ballast automatically assigned address function, IEC62386 standard requirements;
- Can realize to broadcasting, each lighting group or single address control operation;
- Can set/read the parameters in the light;
- Can realize grouping set/read;
- Setting value can be set/read;
- With a one week period of sequential control schedule function, achieve timing lights/scene change;
- Apply to DALI lighting engineering application.

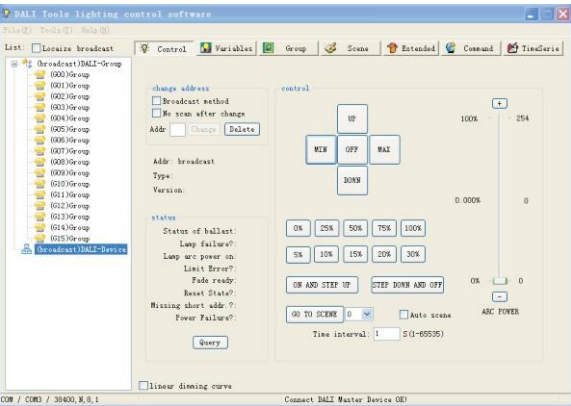
Product Size and Installation Wiring



DALI Master Parts List:

CD(The Easy DALI software and instructions etc)	1pcs
DALI Master(LY-DLM-1F)	1pcs
DC24V/2A Power adapter(rail mounting)	1pcs
1.5m serial line	1pcs

Software Interface

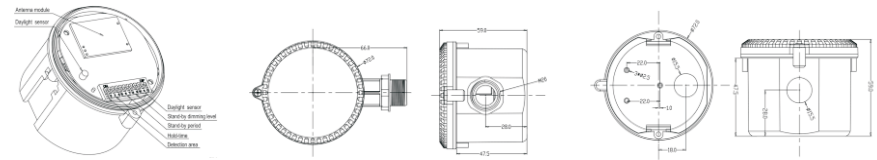


Microwave Motion Sensor---LY031V



PerformanceParameters

OperatingVoltage	120~277VAC 50Hz/60Hz
RatedLoad	400W@120VAC / 800W@220~277VAC (inductive) 800W@120VAC / 1200W@220~277VAC (resistive)
HF System	5.8GHz±75MHz, ISM wave band
Transmitting Power	<0.5mW
Power Consumption	≤0.8W (standby) <1.5W (operation)
Detection Zone	Max. (D x H): 16m x 15m
DetectionSensitivity	100% / 50%
Hold Time	5s / 30s / 90s / 3min / 20min / 30min
Daylight Sensor	50lux / 100lux / 200lux / Disable
Stand-byPeriod	5s / 5min / 10min / 30min / 1h / Disable
Stand-byDimming Level	10% / 20% / 30% / 50%
Mounting Height	15m Max
Motion Detection	0.5~3m / s
Detection Angle	150° (wall installation) / 360° (ceiling installation)
OperatingTemperature	-35℃ ~70℃



Photocell Sensor---LY-LS200



PerformanceParameters

Turn-OnLight Level	10 Lux or at customer's request
Turn-OffLight Level	30Lux or at customer's request
Optional Range of Turn On to Turn Off Ratio	1:1.5 to4
Turn-On Time Delay	3~15s
Turn-Off Time Delay	3~15s
OperatingTemperature	-40℃ to+70℃
Relay	30A
M0V Surge Protection	90J, 160J, 320J, 360J (4options)
Energy Consumption	Less than 1Watt (120V<0.5W)
Electrical Life	5,000 operations at ANSI specified load test levels
Sensor Typen	SiliconPhotocell
Housing	UV stabilized impact resistant polycarbonate (PC)
FailureMode	Fail On (standard), Fail Off (for your option)
Size	74mm (suitable for North America market), 80mm

