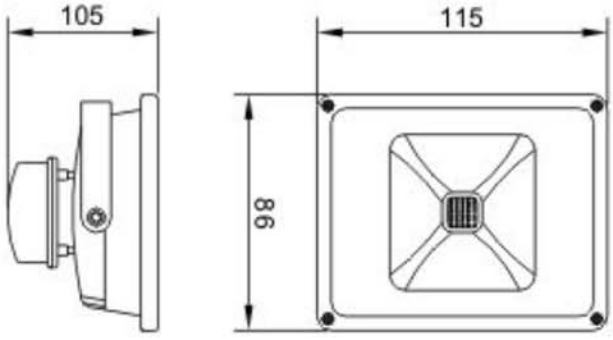
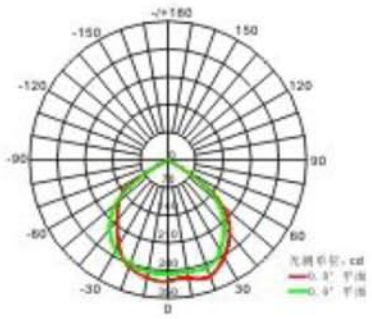
Powerful LED Floodlight Series







XL-002115FL5W

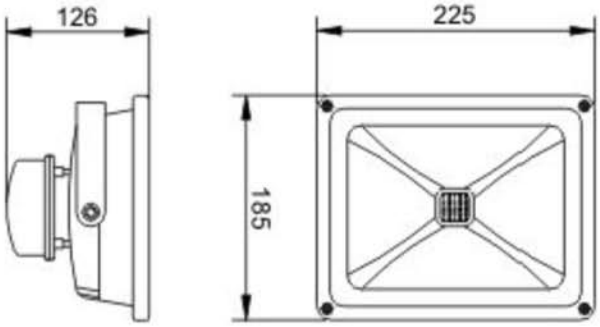
5	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
350 ~ 400	> 90 %	120°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	0.6			
Life Span (hrs)	Net Weight (kg)			

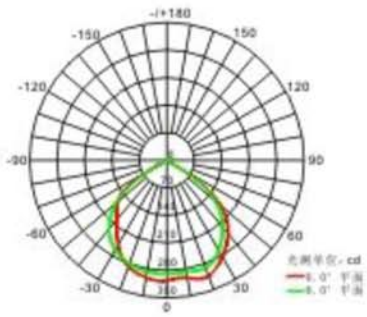
XL-002115FL10W

10	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
700 ~ 800	> 90 %	120°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	0.6			
Life Span (hrs)	Net Weight (kg)			

Powerful LED Floodlight Series







XL-002225FL20WB

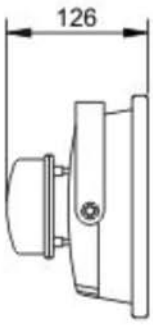
20	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
1400 ~ 1600	> 90 %	100°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	2.3			
Life Span (hrs)	Net Weight (kg)			

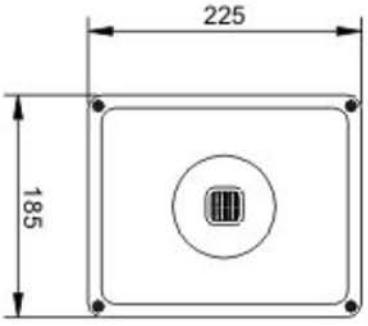
XL-002225FL30WB

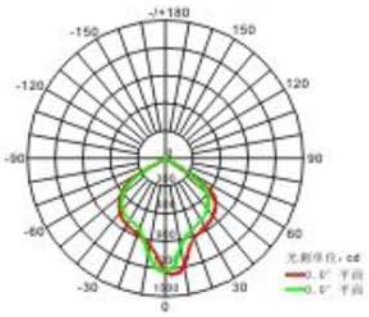
30	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
2100 ~ 2400	> 90 %	100°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	2.3			
Life Span (hrs)	Net Weight (kg)			

Powerful LED Floodlight Series









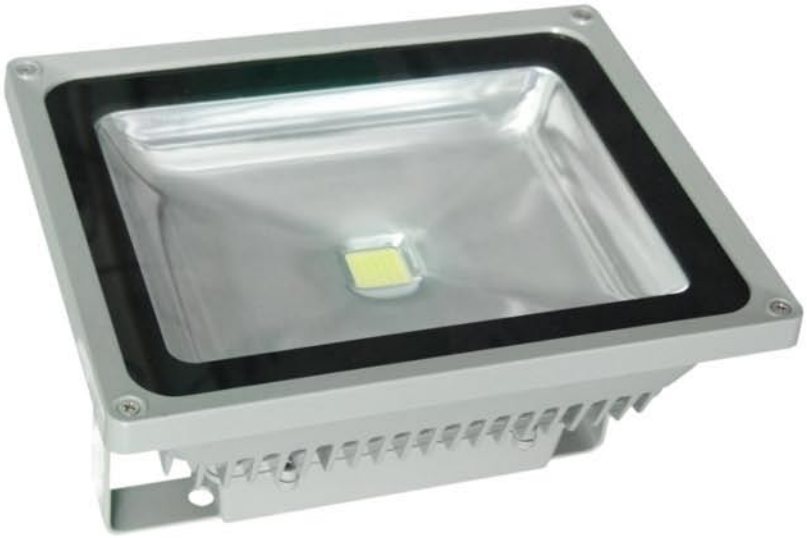
XL-002225FL20WS

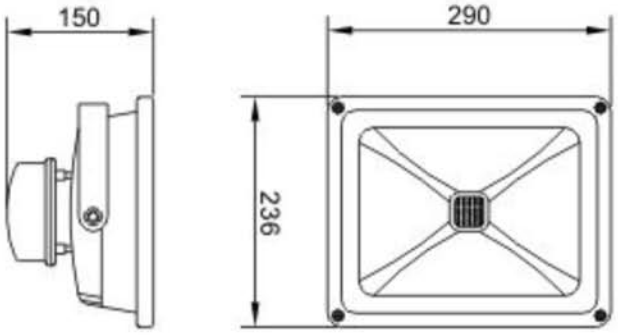
20	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
1400 ~ 1600	> 90 %	50°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	2.3			
Life Span (hrs)	Net Weight (kg)			

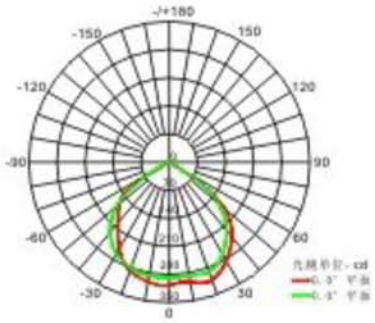
XL-002225FL30WS

30	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
2100 ~ 2400	> 90 %	50°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	2.3			
Life Span (hrs)	Net Weight (kg)			

Powerful LED Floodlight Series







XL-002290FL40WB

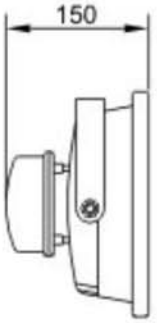
40	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
2800 ~ 3200	> 90 %	100°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.7			
Life Span (hrs)	Net Weight (kg)			

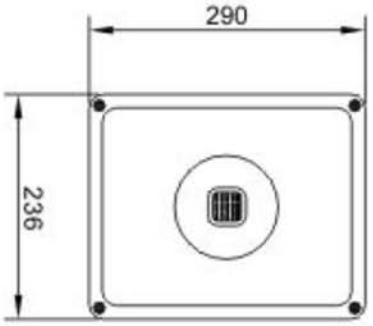
XL-002290FL50WB

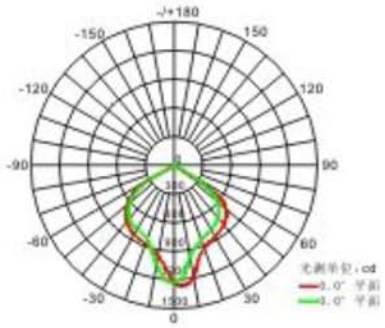
50	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
3500 ~ 4000	> 90 %	100°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.7			
Life Span (hrs)	Net Weight (kg)			

Powerful LED Floodlight Series









XL-002290FL40WS

40	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
2800 ~ 3200	> 90 %	50°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.7			
Life Span (hrs)	Net Weight (kg)			

XL-002290FL50WS

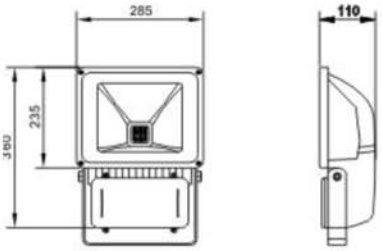
50	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
3500 ~ 4000	> 90 %	50°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.7			
Life Span (hrs)	Net Weight (kg)			

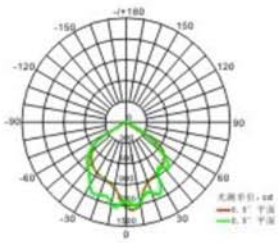
Powerful LED Floodlight Series



XL-002360FL60W

60	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
4200 ~ 4800	> 90 %	80°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	6.7			
Life Span (hrs)	Net Weight (kg)			





XL-002360FL70W

70	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
8400 ~ 9600	> 90 %	80°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	6.7			
Life Span (hrs)	Net Weight (kg)			

XL-002360FL80W

80	AC 85 ~ 265	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
5600 ~ 6400	> 90 %	80°	RA>80	2800 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	6.7			
Life Span (hrs)	Net Weight (kg)			

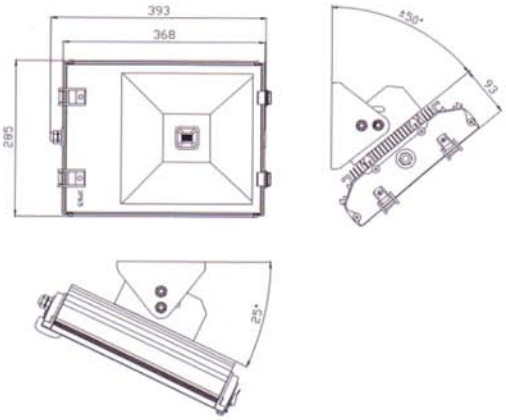
Powerful LED Floodlight Series

GY370SD

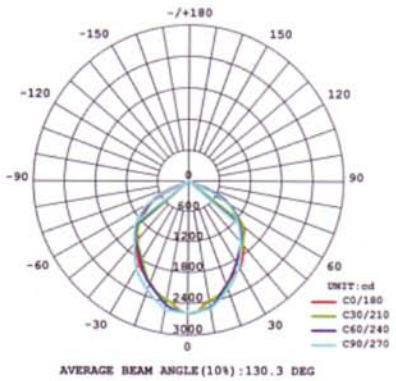
10 ~ 70	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	7.39			
Life Span (hrs)	Net Weight (kg)			



Product Dimension:

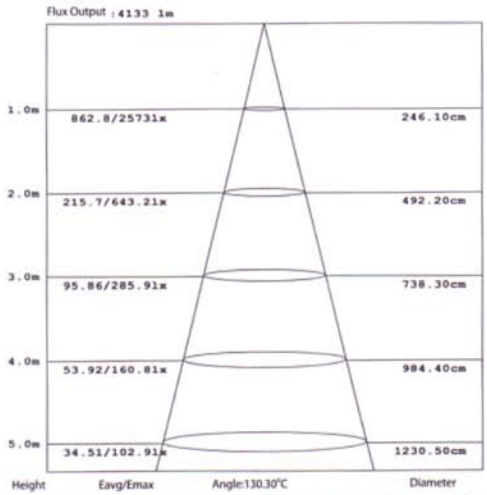


Light Distribution Curve:



AVERAGE BEAM ANGLE(10%):130.3 DEG

Effective Average Illumination Figure:



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

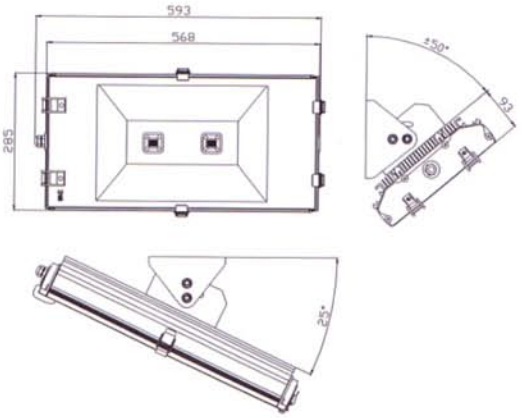
Powerful LED Floodlight Series

GY570SD

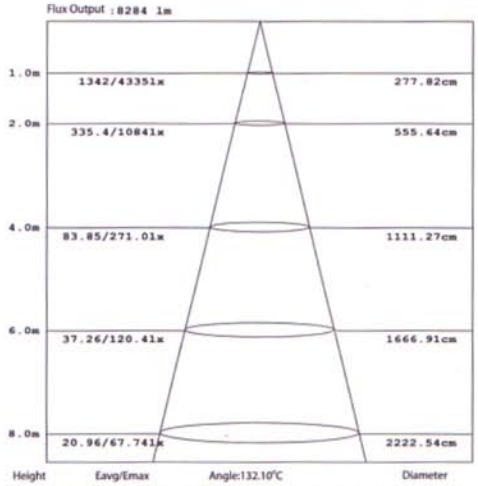
80 ~ 140	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	10.6			
Life Span (hrs)	Net Weight (kg)			



Product Dimension:

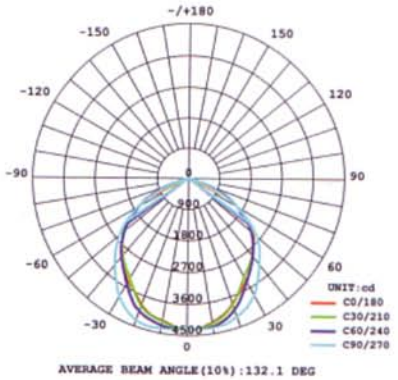


Effective Average Illumination Figure:



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Light Distribution Curve:



AVERAGE BEAM ANGLE(10%):132.1 DEG

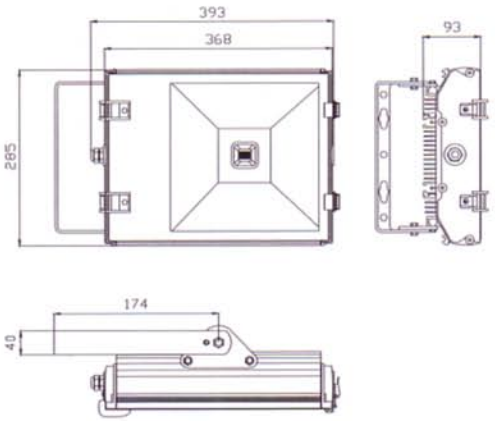
Powerful LED Floodlight Series

GY370FG

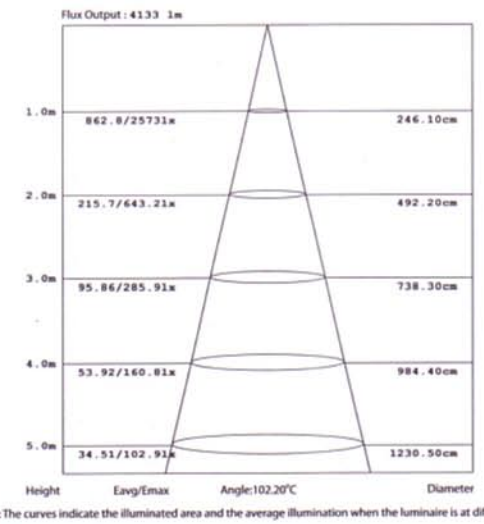
10 ~ 70	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	7.39			
Life Span (hrs)	Net Weight (kg)			



Product Dimension:

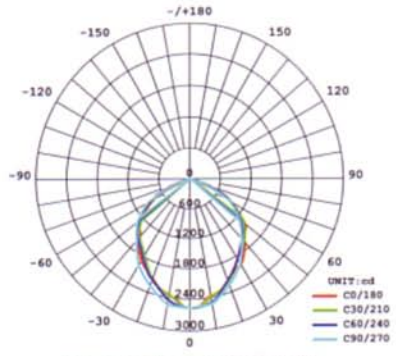


Effective Average Illumination Figure:



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Light Distribution Curve:



AVERAGE BEAM ANGLE(50%):102.2 DEG

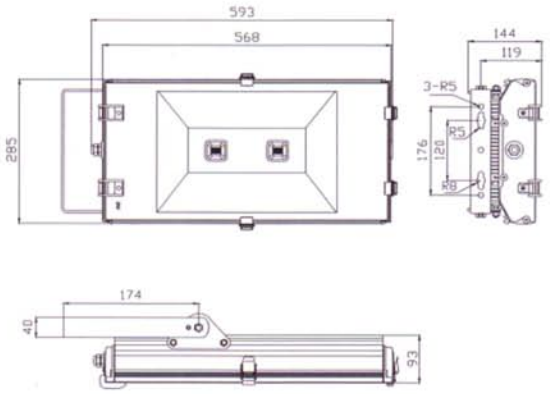
Powerful LED Floodlight Series

GY570SD

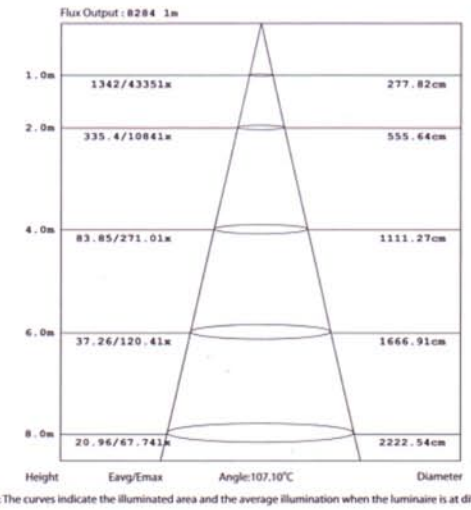
80 ~ 140	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	10.6			
Life Span (hrs)	Net Weight (kg)			



Product Dimension:

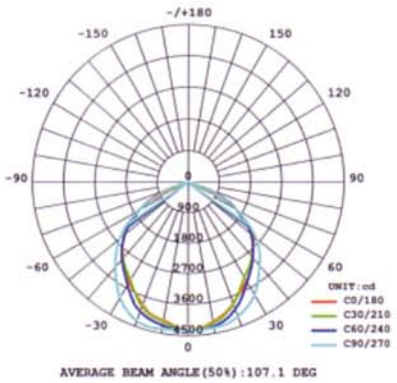


Effective Average Illumination Figure:



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Light Distribution Curve:



AVERAGE BEAM ANGLE(50%):107.1 DEG



Street Lights

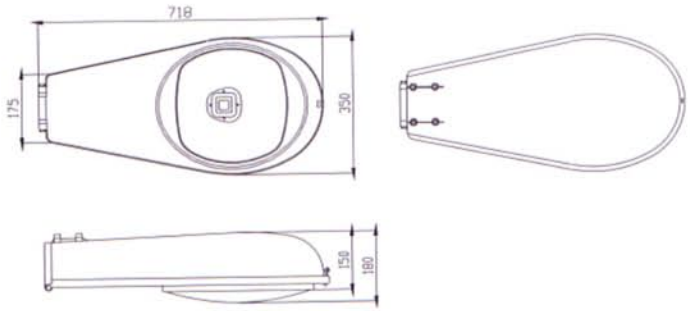
Powerful LED Street Lights

7235LD

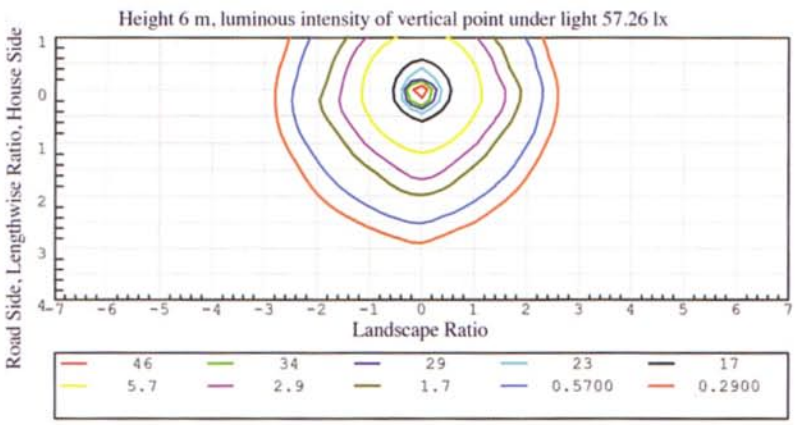
10 ~ 40	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	6.5			
Life Span (hrs)	Net Weight (kg)			



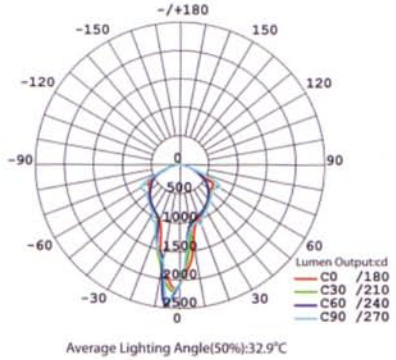
Product Dimension:



Horizontal Absolute Illumination Curve:



Light Distribution Curve:



Average Lighting Angle(50%):32.9°C

Powerful LED Street Lights

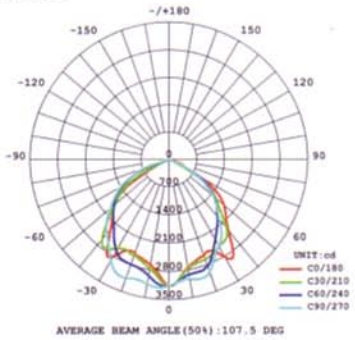
720LD

30 ~ 100	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	9.56			
Life Span (hrs)	Net Weight (kg)			



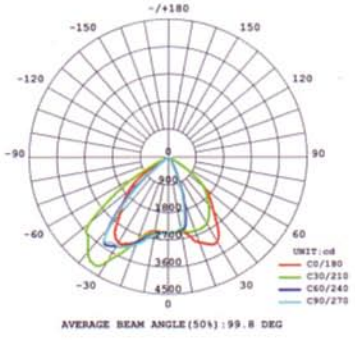
Light Distribution Curve:

720 LD

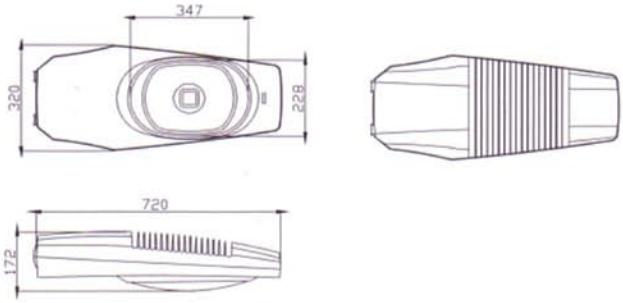


720 LD (D)

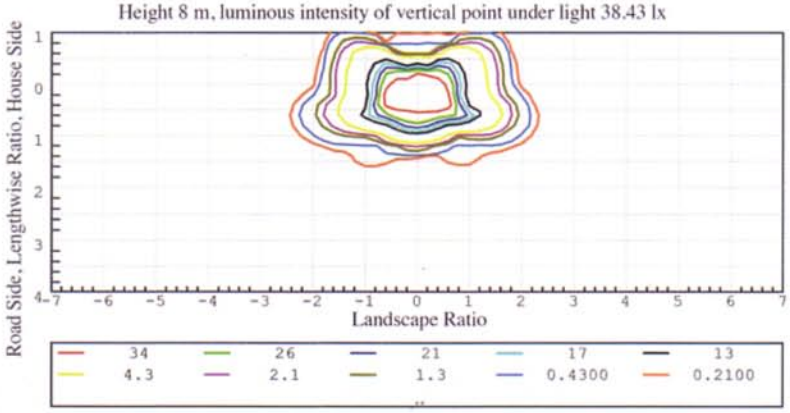




Product Dimension:



Horizontal Absolute Illumination Curve:



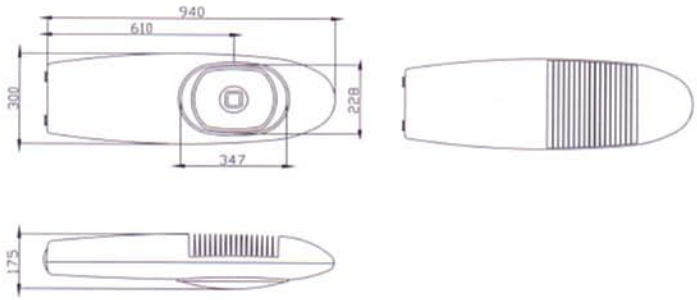
Powerful LED Street Lights

920LD

30 ~ 100	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	9.7			
Life Span (hrs)	Net Weight (kg)			

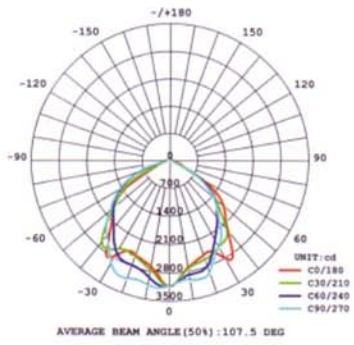


Product Dimension:

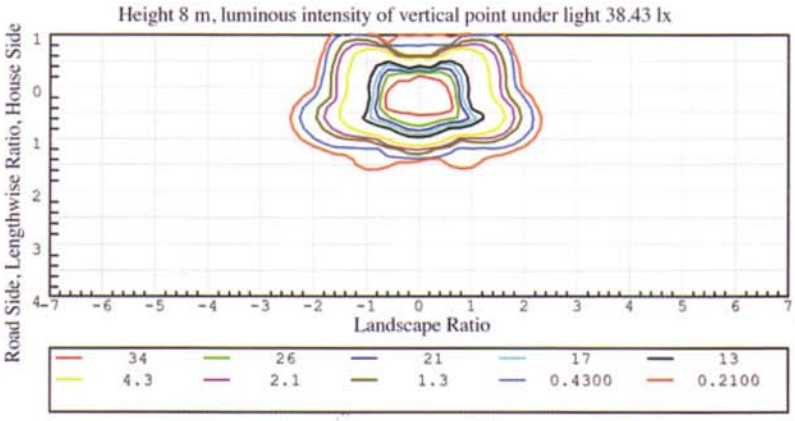




Light Distribution Curve:



Horizontal Absolute Illumination Curve:



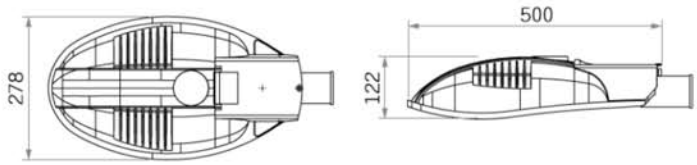
Powerful LED Street Lights

500LD

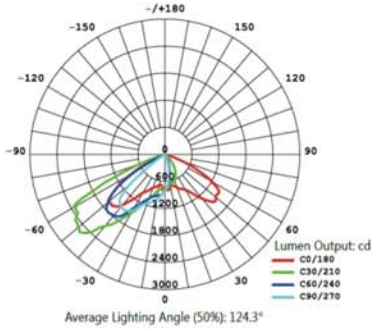
20 ~ 40	AC 85 ~ 265	50 ~ 60	> 0.95	80 - 140
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 88 %	RA>70	2700 ~ 10000	-40 ~ 55	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	4			
Life Span (hrs)	Net Weight (kg)			



Product Dimension:



Light Distribution Curve:



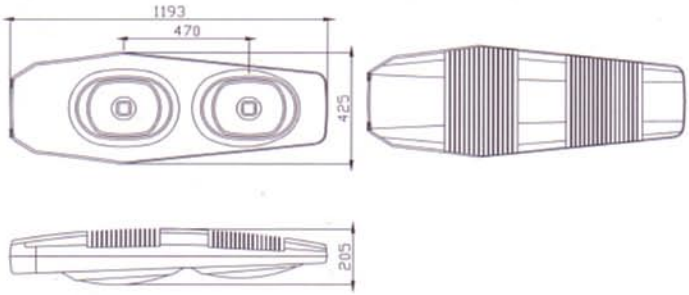
Powerful LED Street Lights

1200LD

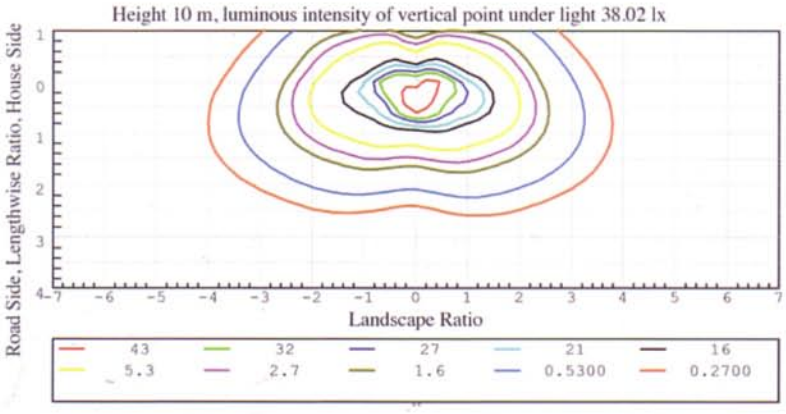
140 ~ 200	AC 85 ~ 265	50 ~ 60	> 0.98	80 - 110
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
> 90 %	RA>70	2700 ~ 7000	-40 ~ 50	IP65
Eficiency of the Power Supply	Color Rendering Index	Color Temperature (K)	Ambient Temperature	IP Rating
> 50.000	20.7			
Life Span (hrs)	Net Weight (kg)			



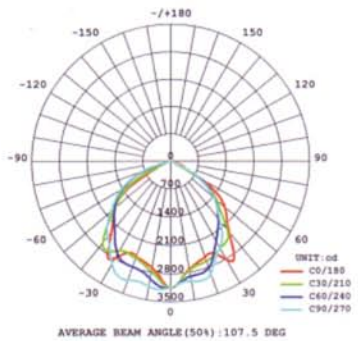
Product Dimension:



Horizontal Absolute Illumination Curve:



Light Distribution Curve:

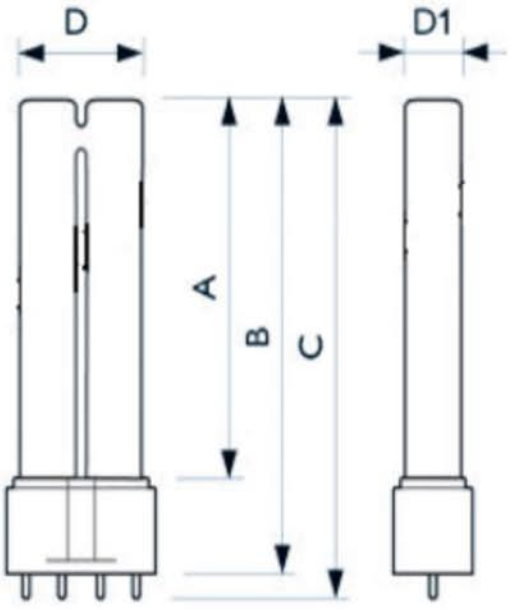


CB OPTIMAL S.R.O.

Powerful LED Street Lights



LED ZDROJ PRO VO S PATICÍ 2G11



např. Modus LV236

Al + PC Material	108 LED (smd) quantity (pcs)	8, 12, 15, 20, 25 Power (W)	AC 85 – 265 Input Voltage (V)	36 Output Voltage (V)
2G11 Socket available	800, 1200, 1500, 2000, 2500 +/-9% Luminious flux (Lm)	50 - 60 Frequency (Hz)	⩾ 65/ 75% Color Rendering Index	can be designed as per customer´s requirements Color Temperat. &Lenght
180° Beam Angle	-40 – 50° Ambient Temperature	> 95% Humidity	⩾ 0.90 Power Factor	< 5mA Short Circuit
> 50.000 Working life (hrs)	2G11 18, 24, 36, 40, 55 W Replace Old Philips	L50mm*24mm *277, 322, 416, 452 mm Dimension	55 IP Rating	CE RoHs Standard met

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