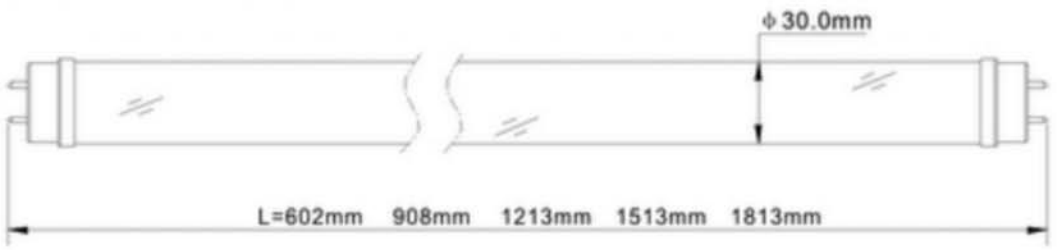
LED TUBES

50 ~ 60	AC 85 ~ 265	90 ~ 100	> 87 %	> 95 %
Frequency (Hz)	Voltage (V)	Lighting Efficiency (Lm/W)	Power Supply	Power Factor:

Warm white: 2800 ~ 3300	Pure white: 5500 ~6500	Cool white: 6500 ~ 7000
Color Temperature (K)	Color Temperature (K)	Color Temperature (K)



	Dimension:	Output power:	LED Qty (pcs):	Luminious flux:
XL-TL144XXAIW-T8R	⌀30 x L602 mm	9 W	144	880 lm
XL-TL300XXAIW-T8R	⌀30 x L1213 mm	18 W	300	1850 lm
XL-TL360XXAIW-T8R	⌀30 x L1513 mm	22 W	360	2150 lm
XL-TL432XXAIW-T8R	⌀30 x L1513 mm	25 W	432	2450 lm



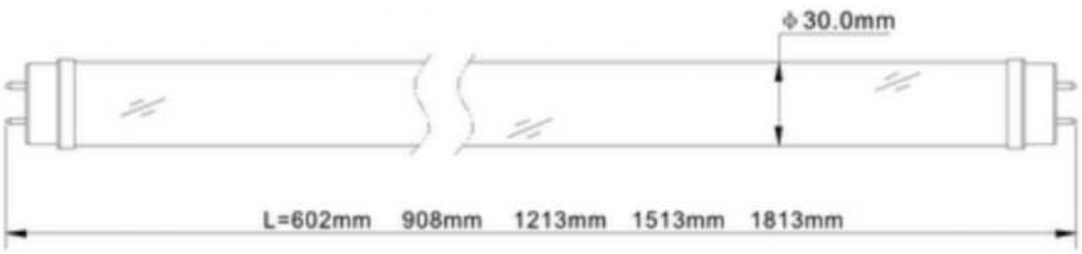
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XL-TL144XXAIS-T8R	⌀30 x L602 mm	9 W	144	750 lm
XL-TL300XXAIS-T8R	⌀30 x L1213 mm	18 W	300	1480 lm
XL-TL360XXAIS-T8R	⌀30 x L1513 mm	22 W	360	1820 lm
XL-TL432XXAIS-T8R	⌀30 x L1513 mm	25 W	432	2050 lm



LED STRIP LIGHTS

3528 SMD LED for single color - NON WATERPROOF



CH - FS 3528 COLOR WHITE, WARM WHITE

4,8	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

252	318
Luminious flux - Min.	Luminious flux - Typ.

3528 SMD LED for single color - WITH WATERPROOF solid PVC coat - IP68



CH - FS 3528 - P COLOR WHITE, WARM WHITE

4,8	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

252	318
Luminious flux - Min.	Luminious flux - Typ.

5050 SMD LED - NON WATERPROOF



CH - FS 5050 COLOR WHITE, WARM WHI

7,2	12 V	3	30	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

378	477
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 COLOR RGB

7,2	12 V	3	30	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

43,2/ 78/ 28,8	54/ 96/ 36
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 - 60 COLOR WHITE, WARM WHITE

7,2	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

756	954
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 - 60 COLOR RGB

7,2	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

86,4/ 156/ 57,6	108/ 192/ 72
Luminious flux - Min.	Luminious flux - Typ.

5050 SMD LED - WITH WATERPROOF solid PVC coat - IP68



CH - FS 5050 - P COLOR WHITE, WARM WHITE

7,2	12 V	3	30	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

378	477
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 - P COLOR RGB

7,2	12 V	3	30	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

43,2/ 78/ 28,8	54/ 96/ 36
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 - 60 - P COLOR WHITE, WARM WHITE

7,2	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

756	954
Luminious flux - Min.	Luminious flux - Typ.

CH - FS 5050 - 60 - P COLOR RGB

7,2	12 V	3	60	120°
Power (W/m)	Voltage (V)	LEDs/unit	LEDs/m	Viewing Angle

86,4/ 156/ 57,6	108/ 192/ 72
Luminious flux - Min.	Luminious flux - Typ.



Outdoor Lights

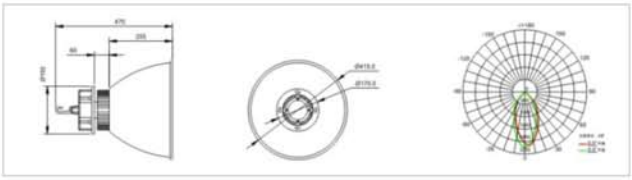
INDUSTRIAL LIGHTS

Industrial lights 400 Series



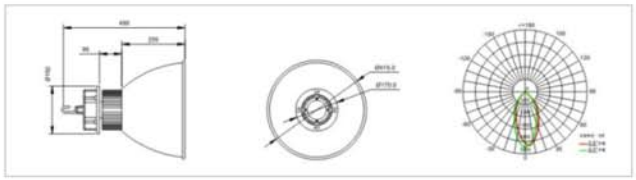
XL 400GK30W

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 %	40°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.2			
Life Span (hrs)	Net Weight (kg)			



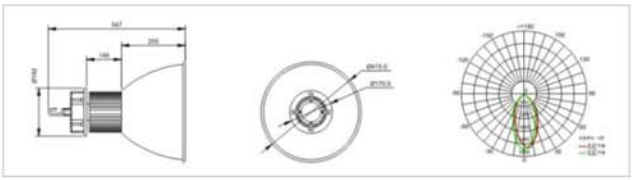
XL 400GK50W

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 %	40°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	3.9			
Life Span (hrs)	Net Weight (kg)			



XL 400GK80W

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 %	40°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	4.6			
Life Span (hrs)	Net Weight (kg)			

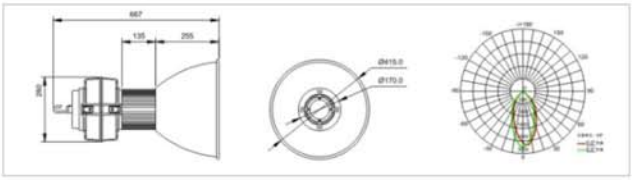


Industrial lights 400 Series



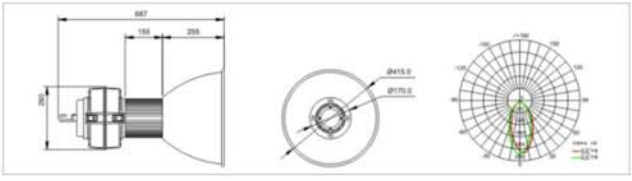
XL 400GK100W

100	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
7000 ~ 8000	> 90 %	40°	RA>80	2700 ~ 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 400GK120W

120	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
8400 ~ 9600	> 90 %	40°	RA>80	2700 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	7.5			
Life Span (hrs)	Net Weight (kg)			



Industrial lights 500 Series

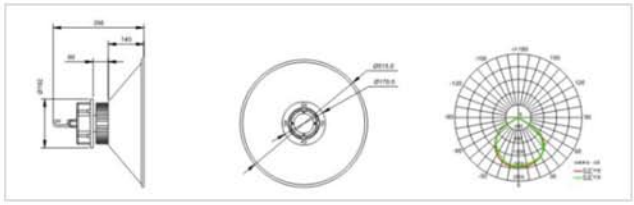


XL 500GK30W

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 %	120°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)

> 50.000	3.2
Life Span (hrs)	Net Weight (kg)

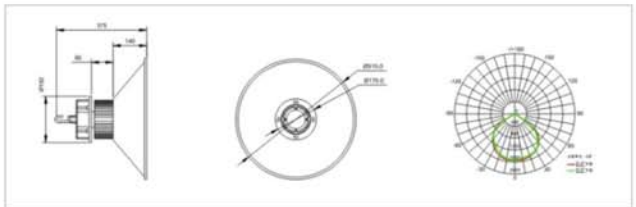


XL 500GK50W

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 %	120°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)

> 50.000	3.9
Life Span (hrs)	Net Weight (kg)

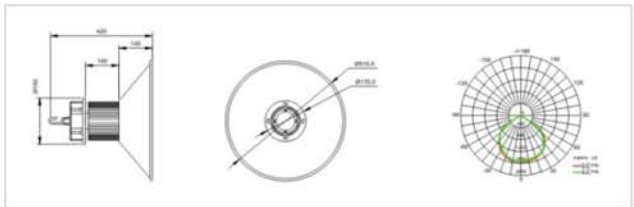


XL 500GK80W

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 %	120°	RA>80	2700 – 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)

> 50.000	4.6
Life Span (hrs)	Net Weight (kg)

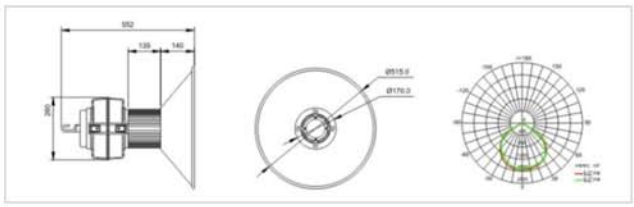


Industrial lights 500 Series



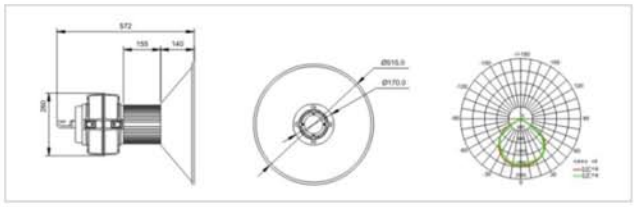
XL 500GK100W

100	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
7000 ~ 8000	> 90 %	120°	RA>80	2700 ~ 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 500GK120W

120	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
8400 ~ 9600	> 90 %	120°	RA>80	2700 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	7.5			
Life Span (hrs)	Net Weight (kg)			



Multiple Choice of Housing

PC16



PC19



AL365



AL460



AL406



AL520





Outdoor Lights

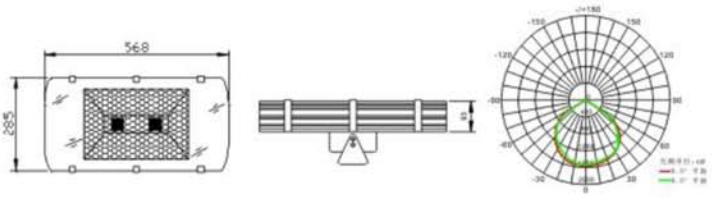
FLOODLIGHTS

Powerful LED Floodlight Series



XL-002600FL100W

100	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
7000 ~ 8000	> 90 %	110°	RA>80	2700 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	12	39 x 66 x 31		
Life Span (hrs)	Net Weight (kg)	Size (cm)		



XL-002600FL120W

120	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
8400 ~ 9600	> 90 %	110°	RA>80	2700 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	12	39 x 66 x 31		
Life Span (hrs)	Net Weight (kg)	Size (cm)		

XL-002600FL140W

140	AC 100 ~ 277	50 ~ 60	> 0.9	70 - 80
LED Power (W)	Voltage (V)	Frequency (Hz)	Power Factor:	Luminious Efficiency (Lm/W)
9800 ~ 11200	> 90 %	110°	RA>80	2700 ~ 7000
Initial Lum. flux (Lm)	Eficiency of the Power Supply	Beam angle	Color Rendering Index	Color Temperature (K)
> 50.000	12	39 x 66 x 31		
Life Span (hrs)	Net Weight (kg)	Size (cm)		