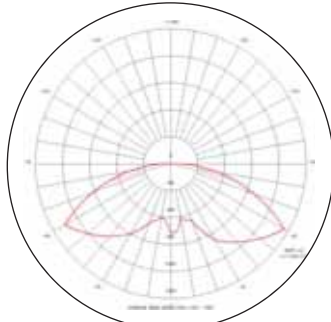


LED Street Lights Series

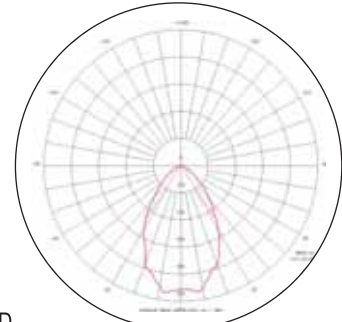
ISO-Illuminance Curve



FYSM-LLD30WD



Horizontal Axis (50%): 149.7°

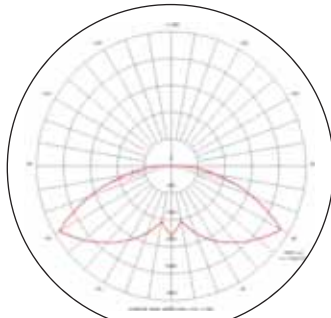


Vertical Axis (50%): 66.7°

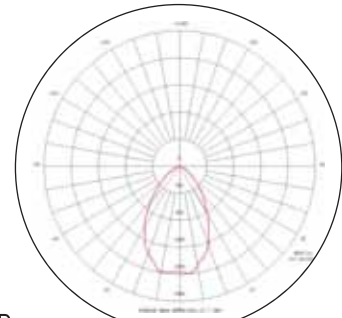
FYSM-LLD30WD



FYSM-LLD60WD



Horizontal Axis (50%): 150.3°

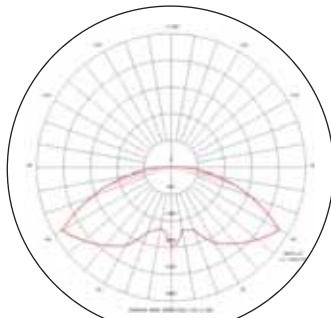


Vertical Axis (50%): 67.7°

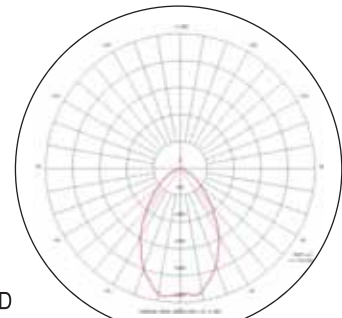
FYSM-LLD60WD



FYSM-LLD90WD



Horizontal Axis (50%): 150.6°



Vertical Axis (50%): 69.8°

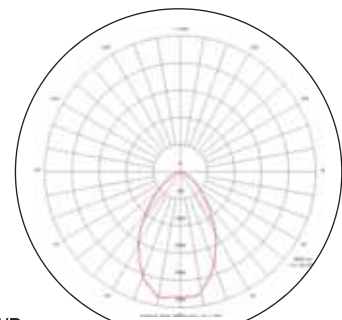
FYSM-LLD90WD



FYSM-LLD120WD



Horizontal Axis (50%): 150.1°



Vertical Axis (50%): 69.5°

FYSM-LLD120WD

Technical Specifications:

Model No.	FYSM-LLD30WD	FYSM-LLD60WD	FYSM-LLD90WD	FYSM-LLD120WD
LED Q' ty, LED Power	30pcs, 30W	60pcs, 60W	90pcs, 90W	120pcs, 120W
Total Power	33W	67W	100W	133W
Input Voltage	90-264 V AC or 12/24 V DC		90-264 V AC , No DC Power	
Frequency Range	50 - 60 HZ			
Power Supply Efficiency	>=90%			
Total Harmonic Distortion (THD)	<10%			
LED Initial Luminous Flux	3,000 lm (Ta=25°C)	6,000 lm (Ta=25°C)	9,000 lm (Ta=25°C)	12,000 lm (Ta=25°C)
LED Maintain Luminous Flux	2,700 lm (Ta=25°C)	5,400 lm (Ta=25°C)	8,100 lm (Ta=25°C)	10,800 lm (Ta=25°C)
Lamp's Output Ratio/Efficiency	>=90%			
Power Factor (PF)	>=0.99			
Color Temperature (CCT)	Cool White: 6,000 - 6,500K; Pure White: 5,000 - 5,500K; Warm White: 3,000 - 3,500K			
Color Index (CRI)	Pure White: Ra >= 75; Warm White: Ra >= 80			
Beam Angle (50%)	Vertical Axis:67°, Horizontal Axis:150°		Vertical Axis:70°, Horizontal Axis:150°	
Beam Angle (10%)	Vertical Axis:116°, Horizontal Axis:175°		Vertical Axis:120°, Horizontal Axis:175°	
Effective Illuminated Area	(H=5m): 15 x 7m (H=6m): 18 x 8m (H=7m): 21 x 10m	(H=7m): 21 x 10m (H=8m): 24 x 11m (H=9m): 27 x 13m	(H=9m): 27 x 13m (H=10m): 30 x 14m (H=11m): 33 x 15m	(H=11m): 33 x 15m (H=12m): 36 x 17m (H=13m): 39 x 18m
Center Illumination (E)	(H=5m)>= 31.03 Lux (H=6m)>= 21.55 Lux (H=7m)>= 15.83 Lux	(H=7m)>= 31.91 Lux (H=8m)>= 24.43 Lux (H=9m)>= 19.31 Lux	(H=9m)>= 28.95 Lux (H=10m)>= 23.45 Lux (H=11m)>= 19.38 Lux	(H=11m)>= 26.65 Lux (H=12m)>= 22.40 Lux (H=13m)>= 19.08 Lux
Edge Illumination (E)	(H=5m)>= 9.3 Lux (H=6m)>= 6.5 Lux (H=7m)>= 4.7 Lux	(H=7m)>= 9.6 Lux (H=8m)>= 7.3 Lux (H=9m)>= 5.8 Lux	(H=9m)>= 8.7 Lux (H=10m)>= 7.0 Lux (H=11m)>= 5.8 Lux	(H=11m)>= 8.0 Lux (H=12m)>= 6.7 Lux (H=13m)>= 5.7 Lux
Average Illumination (E)	(H=6m): 13.43 Lux	(H=8m): 15.40 Lux	(H=10m): 13.80 Lux	(H=12m): 13.24 Lux
Uniformity Coefficient (E)	(H=6m): 0.484	(H=8m): 0.474	(H=10m): 0.507	(H=12m): 0.506
IP Rating	IP65			
Working Temperature	-30°C to +50°C			
Working Humidity	10% ~ 90% RH			
Storage Temperature	-10°C to +50°C			
Lifespan	50,000hrs life, 3yrs warranty			
Housing & Lens	Aluminum and Reinforced Glass			
Dimension	494 x 326 x 109mm	624 x 326 x 109mm	754 x 326 x 109mm	884 x 326 x 109mm
N.W	6.3kgs	8.0kgs	9.2kgs	12.4kgs
Packing Manner	1pc/Carton			
Packing Dimension	595 x 380 x 130mm	725 x 380 x 130mm	855 x 380 x 130mm	985 x 380 x 130mm
Packing G.W	7.0kgs	9.2kgs	10.2kgs	13.6kgs
Listings	CE,RoHS,FCC			