



PROJECT NAME \_\_\_\_\_

CATALOG NUMBER \_\_\_\_\_

NOTES \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

# PFL Series

## Premium Flood Light

### Highlights

- Advanced Heat Dissipation Technology
- Special Optical Lens to Decrease Glare
- Optimal for HDTV Live Broadcasting
- Anti-Corrosive
- Non-Flickering
- 5 Year Warranty Standard / 10 Year Warranty Optional
- IP 67
- 150 Lumens per Watt



### Applications

- High Mast Lighting
- Parking Lots
- Tunnels
- Sports Lighting
- Ports
- Outdoor Lighting

## Ordering Guide

Example

LGL-PFL-100-UV-B-10-30-8-D

LGL	PFL							
LUMINOS GLOBAL	PRODUCT	POWER	VOLTAGE	FINISH	ANGLE	CCT	CRI	DIMMING
LGL	PFL	100=100W	UV=90-305V	B=Black	10=10°	27=2700K	8=80+	D=0-10V
		200=200W	HV=347-480V	S=Silver	24=24°	30=3000K	9=90+	1=1-10V
		300=300W		G=Grey	38=38°	35=3500K		DI=Dali
		400=400W		C=Custom	60=60°	40=4000K		TR=Triac
		500=500W			90=90°	50=5000K		
		600=600W			120=120°	57=5700K		
		700=700W				65=6500K		
		800=800W						
		900=900W						
		1000=1000W						
		2000=2000W						
		3000=3000W						
		4000=4000W						
		5000=5000W						



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### Technical Overview

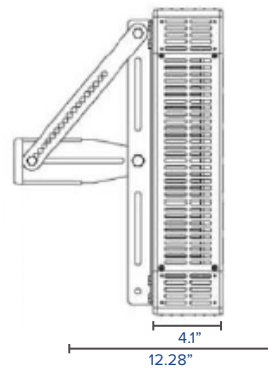
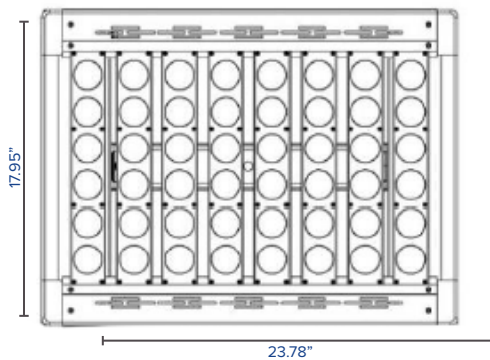
#### Beam Angles



#### Performance Summary

Input Voltage	90-305V, 347-480V
Input Frequency	50Hz-60Hz
Lumen Efficacy	150 lm/w
Light Output (Photopic)	100W- 15,000 lumens
	200W- 30,000 lumens
	300W- 45,000 lumens
	400W- 60,000 lumens
	500W- 75,000 lumens
	600W- 90,000 lumens
	700W- 105,000 lumens
	800W- 120,000 lumens
	900W- 135,000 lumens
	1000W- 150,000 lumens
	2000W- 300,000 lumens
	3000W- 450,000 lumens
	4000W- 600,000 lumens
	5000W- 750,000 lumens
Working Environment	Outdoor
Beam Angle	10°, 24°, 38°, 60°, 90°, 120°
Kelvin Switch Options	3000K, 4000K, 5000K, 5700K
CRI	80+ or 90+
Power Factor	>0.98 @ 120VAC
IP Rating	IP67
Life Span	100,000 hrs
Dimming Options	0-10V, 1-10V, Triac, DALI
Mounting Options	Yoke Mount, Slipfitter, Custom

## Dimensions



\*For more detailed information about the dimensions, please contact us.