

PUNI Series

Explosion Proof Jelly Jar

FEATURES

- Heavy-duty and high impact resistance
- Four connection cable entry points
- Dimmable and non-dimmable options available.
- Emergency battery backup available with integrated junction box for driver.
- Tempered glass lens standard with opal globe and guard. Options include:
 - Flat Glass Lens
 - Dome Reflector
 - Angle Reflector
- Standard 120-277V, Available options include:
 - 12-26VDC
- Operating Temperature:
 - -20°C - 60°C (-4°F - 140°F)
- Housing: A383 Die Cast Aluminum - Copper Free
- Gasketing: Fluorosilicone Rubber
- Hardware: Stainless Steel 304
- Finish: Polyester Powdercoat
- Lens: Tempered Glass
- LED Chips: Philips
- Driver: Meanwell
- Surge Protection: 10KV
- Expected Life: Over 85,000 hrs.
- Color Rendering Index (CRI): 70

CLASSIFICATION

Marking:

- UL1598A Marine Vessels
- UL924 Emergency Lighting

UL844 Marking (North American)

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

ATEX Marking

- II 2G Ex eb mb IIC T6/T5/T4 Gb
- II 2D Ex tb IIIC T80°C /T95°C /T130°C Db IP66

IECEx Marking

- Ex Eb mb IIC T6/T5/T4 Gb
- Ex tb IIIC T80°C /T95°C /T130°C Db IP66

Other Rating:

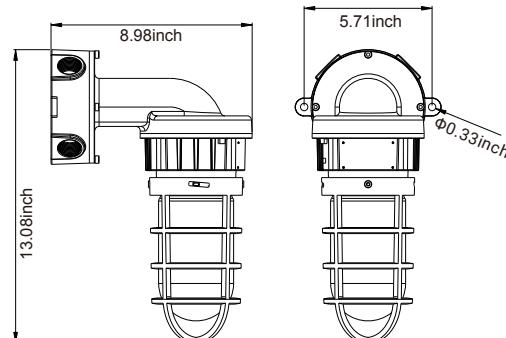
- NEMA 4X
- IP66
- IK10
- 5 Year and 10 Year Warranties Available



BAA and TAA available. Contact factory for more information and pricing.



DIMENSIONS AND PACKING



APPLICATIONS

OIL AND GAS:

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

OCEAN, MARINE, & AEROSPACE

- Ocean platform operation facilities
- Aerospace clean room and production
- Ocean vessel operations

FOOD & ALCOHOL INDUSTRY

- Flour and fine particle production & storage
- Food and distilling production

CHEMICAL INDUSTRY

- All types of paint facilities
- Chemical production and storage

METAL TREATMENT

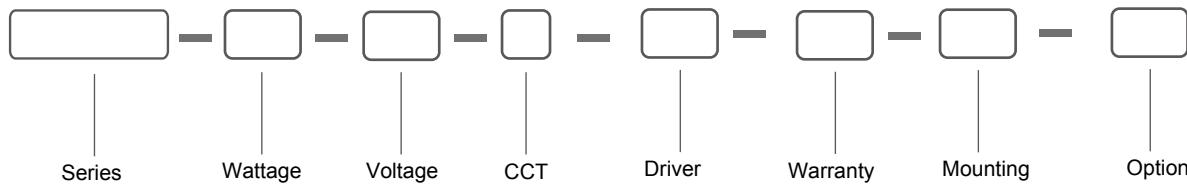
- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry & fabrication

**Other high humidity, high dust, high temperature, vapor locations.

**Please contact factory for specific weight and dimensions for mounting accessories and fixture configurations.



Ordering Information



SERIES	WATTAGE	VOLTAGE	COLOR TEMP	DRIVER	WARRANTY
PUNI	1 = 10W 2 = 20W 3 = 30W	A = AC100-277V	S = 3000K I = 4000K C = 5000K K = 6000K	D = 0-10V Dimming ND = No Dimming	5Y = Five Year 10Y* = Ten Year*

*Please contact factory for 10 year option.

MOUNTING / ACCESSORIES

P = Pendant
 OPEB = Junction Box
 OPCM = Ceiling / Surface Mounting
 OPWA = 90° Wall Mount

OPTION

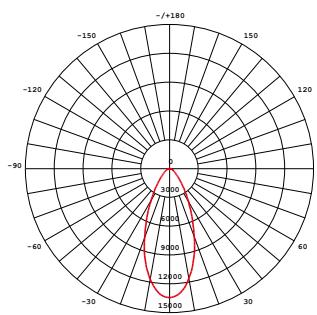
F = Flat Glass Lens
 CG = Clear Globe
 FG = Frosted Globe
 WG = Wire Guard
 CGG = Clear Globe w/ Wire Guard
 FGG = Frosted Globe w/ Wire
 DREF = Guard Dome Reflecto
 AREF = Angle Reflecto

BAA = American Act Compliant** TAA** = Trade Agreements Act Compliant**

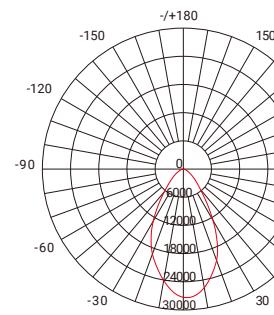
**Please contact factory for BAA and TAA options.

*Contact Factory for 12-36VDC

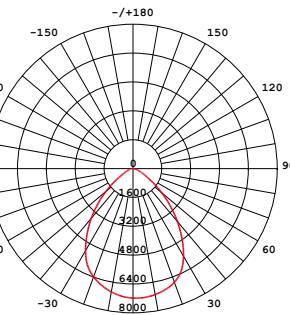
PHOTOMETRY



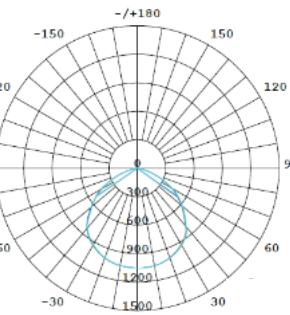
Beam angle: 40°



Beam angle: 60°



Beam angle: 90°



Beam angle: 120°

PHOTOMETRICS

40W/120D

Center Beam fc		Beam Width	
3m	17fc	9m	9m
6m	6fc	18m	18m
10m	4fc	27m	27m
13m	2fc	36m	36m
16m	1fc	45m	45m

■ Vert, Spread:120°
 ■ Horiz, Spread:120°

40W/90D

Center Beam fc		Beam Width	
3m	24fc	9m	9m
6m	7fc	18m	18m
10m	6fc	27m	27m
13m	3fc	36m	36m
16m	1fc	45m	45m

■ Vert, Spread:90°
 ■ Horiz, Spread:90°

40W/60D

Center Beam fc		Beam Width	
3m	25fc	9m	9m
6m	8fc	18m	18m
10m	6fc	27m	27m
13m	4fc	36m	36m
16m	2fc	45m	45m

■ Vert, Spread:60°
 ■ Horiz, Spread:60°

40W/40D

Center Beam fc		Beam Width	
3m	30fc	9m	9m
6m	14fc	18m	18m
10m	8fc	27m	27m
13m	5fc	36m	36m
16m	2.5fc	45m	45m

■ Vert, Spread:40°
 ■ Horiz, Spread:40°



TECHNICAL DATA

Model	Wattage	Operating Voltage	Total Lumens (lm)	Efficacy (lm/W)	CRI	CCT
PUNI-1-X-X-X-X	10W	AC100-277	1,400	140	>70	2200K-7000K
PUNI-2-X-X-X-X	20W	AC100-277	2,800	140	>70	2200K-7000K
PUNI-3-X-X-X-X	30W	AC100-277	4,200	140	>70	2200K-7000K

MOUNTING/ACCESSORIES



Ceiling Mount
Shown on fixture



Wall Mount
Shown on fixture



Ceiling/Wall Mount



Ceiling/Wall
(Interior)



Pendant Mount



Wall Elbow



Reflecto



Extension



Globe



Guard



Heat Sink