

FLOOD LIGHT (FL04)

Description:

Rugged one-piece, die casting aluminum housing secures the thermally conductive LED panel and electrical chamber. Low profile, 3G vibration rated compact design minimizes wind load requirements. Housing is completely sealed against moisture and environmental contaminants. Light Engines are standard 5000K (70 CRI) configurations.

Medium Size: 150W/200W



Large Size: 300W



Features:

- Scalable lumen packages from 20,800 to 41,000 lumens
- Can replace up to 1000W metal halide fixtures
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing
- For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory install
- The optics can conform to dark sky requirement
- IES Type III distributions is available
- Optional occupancy sensor
- Optional Photocell



LOCATION



Applications:

- Auto Dealerships
- Parking Lots
- Walkways
- Roadways
- Campuses
- Facade Lightings
- Grocery Stores
- Public Areas

Technical Specifications:

Wattage	150W	200W	300W
Input Voltage	120-277VAC (In Stock) 347-480VAC (Special Order Only)	120-277VAC (In Stock) 347-480VAC (Special Order Only)	120-277VAC (In Stock) 347-480VAC (Special Order Only)
Color Temperature	5000K	5000K	5000K
Lumen Output	20800lm	26000lm	41000lm
Efficacy	139lm/W	130lm/W	137lm/W
Dimmable	1-10V Dimming	1-10V Dimming	1-10V Dimming
Distribution	Type III	Type III	Type III
Ambient Temperature	-40°F to 113°F(-40° C to 45° C).	-40°F to 113°F(-40° C to 45° C).	-40°F to 113°F(-40° C to 45° C).
Finish	Dark Bronze	Dark Bronze	Dark Bronze
CRI	>70	>70	>70
Power factor	≥90%	≥90%	≥90%
THD	≤20%	≤20%	≤20%
Lifespan	100,000 hours	100,000 hours	100,000 hours
Warranty	5 years	5 years	5 years

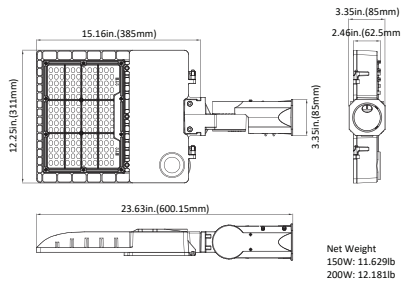
* Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5° C) specifications subject to change without notice.

ELECTRICAL DATA

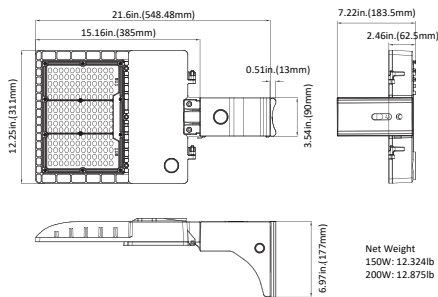
Number Of Drivers	Current Drive (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	3900	150	120	0.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31
1	5000	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	6700	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
	5800	300	347	0.86
		300	480	0.63

Dimensions:

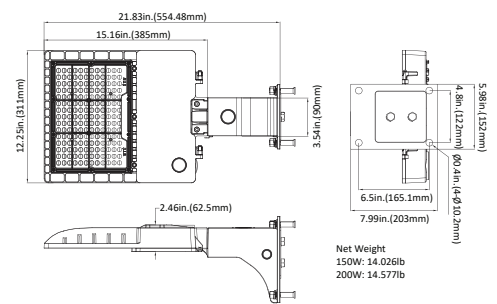
150W/200W (Slipfitter Mount)



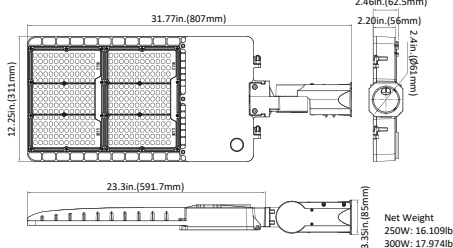
150W/200W (Pole Mount/Arm Mount)



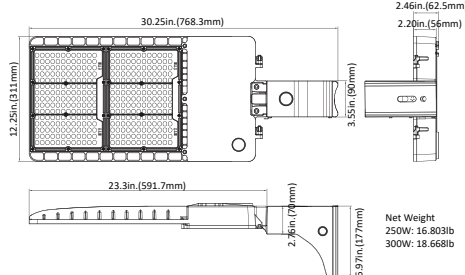
150W/200W (Wall Mount)



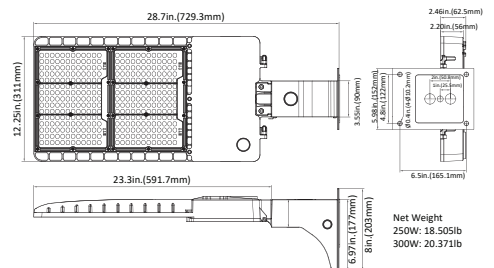
300W (Slipfitter Mount)



300W (Pole Mount/Arm Mount)



300W (Wall Mount)



Ordering Guide (For Flood Light FL04)

Example: NUR-FL04-150W-5000K

Fixture Type <input type="text"/>	Wattage <input type="text"/>	Color Temperature <input type="text"/>
NUR-FL04 (Flood Light)	150W 200W 300W	50K (5000K)

Accessories:

- External Glare Shield

		
External Glare Shield	Medium Size	Large Size

Ordering Guide (For Shield Options)

Example: NUR-SHIELD04-M

Series		Sizes	
<input type="text"/>		<input type="text"/>	
NUR-SHIELD04	(Backlight control Shield For Flood Light FL04)	M L	(Medium) (Large)

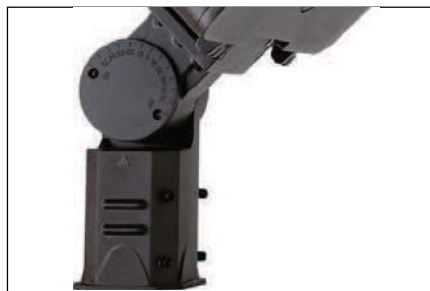
*Medium Shield for 150W, 200W Fixture

* Large Shield for 300W Fixture

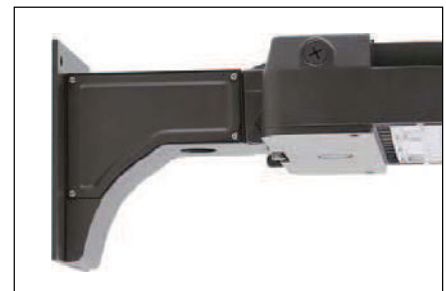
Mounting Option:



Pole Mount/Arm Mount
(4" and 5" Square and Round poles) Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

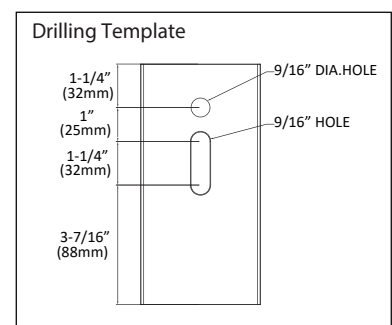
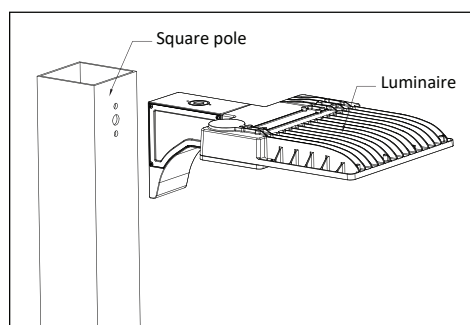
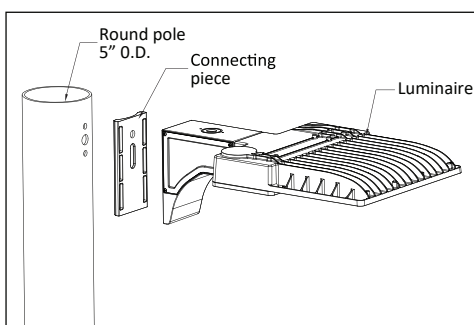


Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.



Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting

Mounting Dimensions:



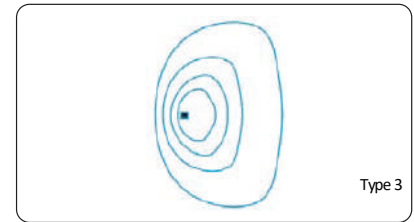
Ordering Guide (For Mounting Options)

Example: NUR-MNT04-SF-BNZ

Series		Mounting Options		Finish	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
NUR-MNT04	(Mounts)	SF WM PM(ARM)	(Slip-Fitter Mount) (Wall Mount) (Pole Mount/ Arm Mount)	BNZ	(Bronze)

Photometric:

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates rectangular pattern which can extend pole spacings.



Mounting:

- Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles
- Wall Mount available for direct wall mounting and J-Boxing mounting
Optional for cast aluminum slip-fitter mounting adaptor (Compatible with more)
- NUR mounting adaptor such as Tenon, suits for various application

Additional Mounting Accessories

POLE BRACKET

- For mounting one fixture on an existing pole

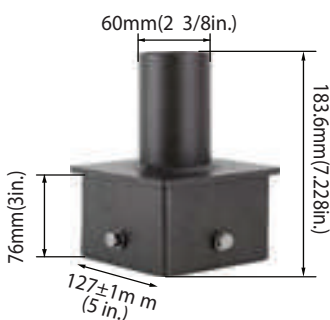


4" Square Pole Mount with 2-3/8" O.D Tenon

No.4SQ-SP-D

Finish: Dark Bronze

USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



5" Square Pole Mount with 2-3/8" O.D Tenon

No.5SQ-SP-D

Finish: Dark Bronze

USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



Pole Bracket Accessories-Angle-Adjustment Adapter

No.SQA-ALDA

Finish: Dark Bronze

USE: Durable brackets are engineered to provide versatile mounting options. These arms are made from rugged die-cast aluminum. They allow optimal positioning of the light fixture to maximize the lighting effectiveness vertically and horizontally.



4" Round Pole Mount with 2-3/8" O.D Tenon

No.4SQ-SP-D

Finish: Dark Bronze

USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



5" Round Pole Mount with 2-3/8" O.D Tenon

No.5SQR-SP-D

Finish: Dark Bronze

USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



Pole Bracket Accessories-Tenon & Yoke Adaptor

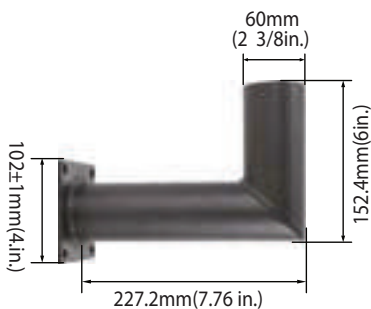
No.SP-TR-D

Finish: Dark Bronze

USE: The 2-3/8" OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount light fixtures that are equipped with a yoke mount onto 2-3/8" OD Tenon. It may be utilized with the Mester Flood Light Series of the light fixtures.

WALL BRACKET

- Attaches to any flat surface
- Provides wiring access



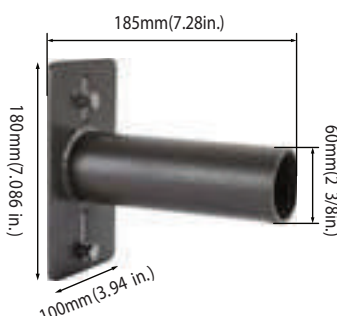
90 Wall Mount Bracket with 2-3/8" O.D. Tenon

No.WM-SP-D

Finish: Dark Bronze

USE: The 90 wall mount bracket with 2-3/8" tenon attaches with floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and built-in 2-3/8" O.D. Tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.

MID-POLE TENON BRACKET



2-3/8" OD Horizontal Tenon Mid-Pole Bracket

No.SQ-SP-D

Finish: Dark Bronze

USE: 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slipfitter onto a 2-3/8" OD horizontal tenon.

Round External Mount Horizontal Tenon-To mount 2/3/4 fixtures on a existing pole



Double 90° Horizontal Tenon Adaptor

No. R60-SP2-90-D

Finish: Dark Bronze

USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Double 180° Horizontal Tenon Adaptor

No. R60-SP2-180-D

Finish: Dark Bronze

USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Triple 90° Horizontal Tenon Adaptor

No. R60-SP3-90-D

Finish: Dark Bronze

USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Triple 120° Horizontal Tenon Adaptor

No. R60-SP3-120-D

Finish: Dark Bronze

USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Quad 90° Horizontal Tenon Adaptor

No. R60-SP4-90-D

Finish: Dark Bronze

USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.