

LED AREA LIGHT

NHL-FLQ MODEL



DESCRIPTION

NHL-FLQ Power Adjustable Area Lights deliver extreme intensity and high lumen output for area light applications. Superior color, long life and high efficiency allows this luminaire to outperform traditional HID luminaires. The rugged housing and dedicated LED design offers advanced thermal management and protection against outdoor and semi-outdoor environments. Lighting quality and intensity provides benefits for safety and security.

APPLICATIONS:

NHL-FLQ Power Adjustable Area Light is ideal for parking structures, auto dealerships, recreational spaces, roadways, and outdoor aisles.

FEATURES

PERFORMANCE:

Rugged die-cast aluminum housing withstands outdoor environments. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Rated IP65 Performance-engineered, integral heat dissipation fins provides superior thermal management for long life and reliability.

Power adjustable available in varying ranges:

- 150W [50W, 80W, 100W, 150W]
- 300W [150W, 200W, 240W, 300W]
- 135 lumens per watt

HOUSING:

ADC12 aluminum heat sink, outdoor powder coat finish, and waterproof design.

FINISHES:

The NHL-FLQ Power Adjustable is available in:
 • BR= Bronze

PHOTOMETRICS:

Please see page 3 for photometric layouts.
 All of our IES files will be available at www.newhorizonlighting.com

OPTICAL LENS:

Precision-formed optical lens system reduces glare and improves safety and security by delivering high-efficiency illumination with precise optical distribution. Type III distribution comes standard.

CONTROL:

Suitable for use with photocell and daylight harvesting to achieve deeper energy-savings and code compliance.



Plug-in Sensor Optional Remote Control

MOUNTING:

The NHL-FLQ Line Provides one main attachment.

These can be identified in the Model Specification Sheet as:

- WM = Wall Mount
- YK = Yoke
- SF = Slip Fitter
- SA= Straight Arm
- TM = Trunnion
- RPM = Round Pole Mount
- SPM = Square Pole Mount

ELECTRICAL:

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. Operating temperatures is -40°C/-40°F-104°F and 100-277V input voltage for increased versatility.

LED:

LUMILEDS(LED), CRI>70, Low degradation adhesive applied to the LED soldering position on the PCB, for added protection.

CERTIFICATIONS:

UL listed. All components used have UL approval.

WARRANTY:

5-year limited warranty. See complete warranty terms for details.

Warranty Guidelines include but are not limited to:

- The original warranty extends to the original buyer
- Light must be used less than 16 hours a day
- Must be in ambient of -40°C/-40°F to 104°F

ADDITIONAL INFORMATION:

Competitive lumen efficacy of up to 125LM/W.

Operating Temperature:

-40°C/-40°- 104°F, 6KV surge protection.

More information provided at www.newhorizonlighting.com

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SUMMARY

HOUSING	ACD12 aluminum heat sink, Outdoor powder coating.
VOLTAGE	100-277V, 50-60Hz AC
LED	LumiLEDs
EFFICACY	135 LM/W
LUMENS@5000K	6,250-37,500LM
POWER FACTOR	>0.9
BEAM ANGLE	90° X 120°, Type III
THD	<20%
OPERATING TEMP	-40°C/-40°F-104°F
ALUMINUM LED BOARD	High conductive, Waterproof, Aging resistance, Salt mist resistance, Long-life.
CONTROLS / DIMMING	0-10V Dimming
CCT	3000K, 4000K and 5000K
CRI	>70
RATED LIFE	70,000 hours

ENERGY PERFORMANCE DATA

MODEL	DIMENSION (in)	VOLTAGE (V)	WATT (W -8%~+5%)	EFFICACY (Lm/w)
NHL-FLQ-XXW-XXK-UNV	12.6X14.7X2.6 in	100-277	50W,80W,100W,150W	135Lm/W
NHL-FLQ-XXW-XXK-UNV	12.6X22.4X2.8 in	100-277	150W,200W,240W,300W	135Lm/W

ORDERING INFORMATION:

Sample Number: NHL-FLQ-150W-40K-UNV-BR-WM

NHL-FLQ 150 watt power adjustable, 4000K, Wall mount installation, with a Bronze finish.

SERIES	WATT (W -8%~+5%)	COLOR TEMP	VOLTAGE	MOUNTING OPTIONS	FINISH	OPTIC TYPE (Blank)	DIMMING (Blank)
NHL-FLQ	150	30K=3000K	UNV=100-277	WM=WALL MOUNT YK=YOKE	BR=BRONZE	90° X 120° TYPE III	0-10V/PWM/VR
	300	40K=4000K		SF=SLIP FITTER SA=STRAIGHT ARM TM=TRUNNION			
		50K=5000K		RPM=ROUND POLE MOUNT SPM=SQUARE POLE MOUNT			



JOB NAME: _____

DATE: _____

TYPE: _____

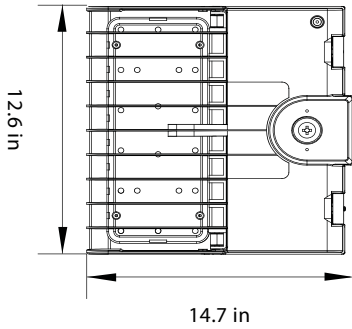
LED AREA LIGHT



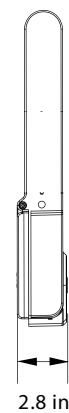
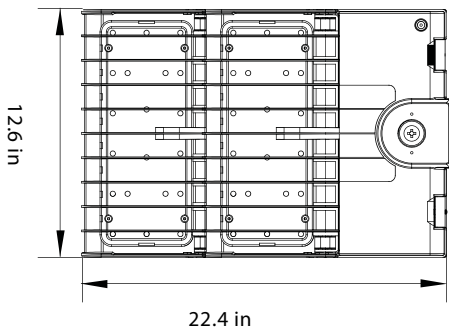
NHL-FLQ MODEL

DIMENSIONAL DRAWING

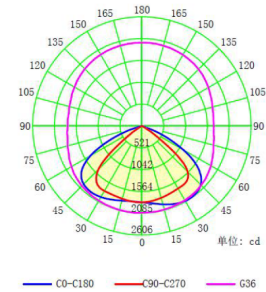
150W



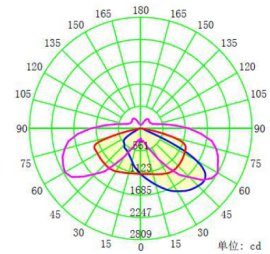
300W



PHOTOMETRICS:



90x120°



TYPE III

MOUNTING INFORMATION

TRUNNION



YOKE



ADJUSTABLE SLIP FITTER



WALL MOUNT



SQUARE POLE MOUNT



ROUND POLE MOUNT

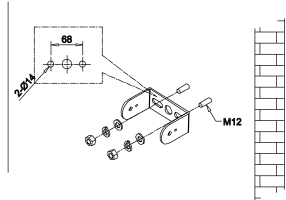


INSTALLATION DIAGRAM

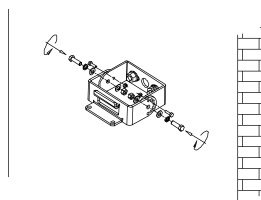
NHL-FLQ 150W,300W Power Adjustable

TRUNNION

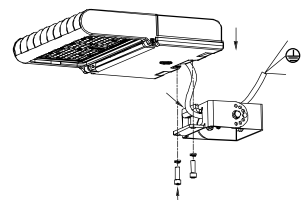
A



B

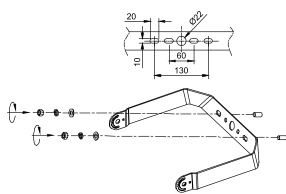


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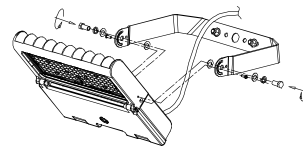


YOKE

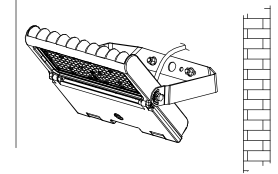
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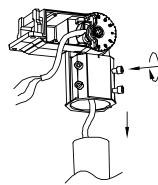


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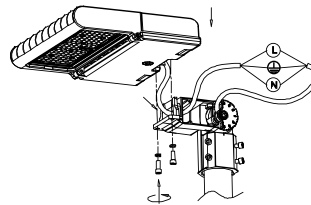


ADJUSTABLE SLIP FITTER

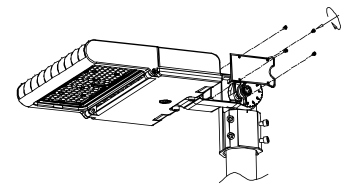
A



B

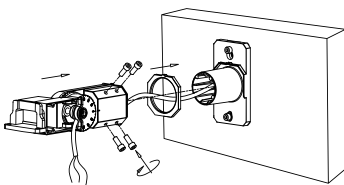


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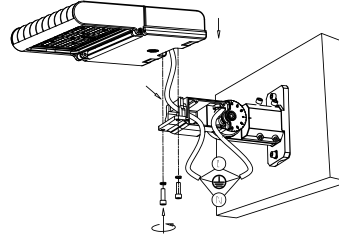


WALL MOUNT

A

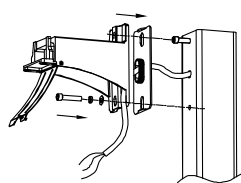


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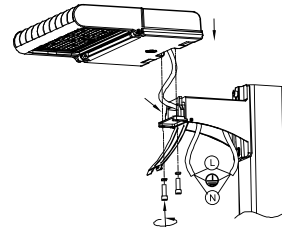


SQUARE POLE MOUNT

A

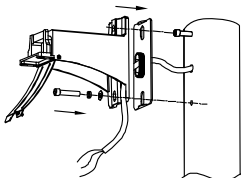


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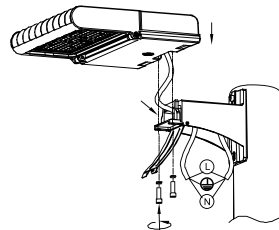


ROUND POLE MOUNT

A



B





JOB NAME: _____

DATE: _____

TYPE: _____



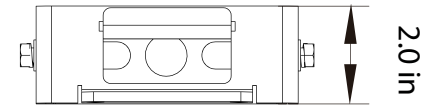
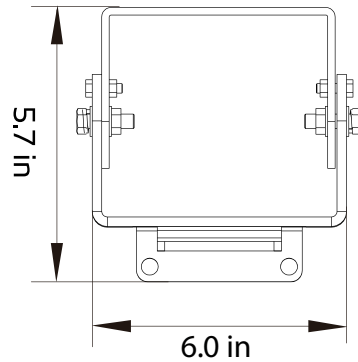
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ACCESSORIES

DIMENSIONAL DRAWING

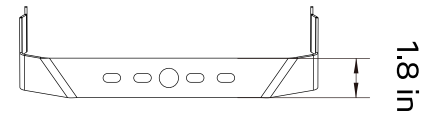
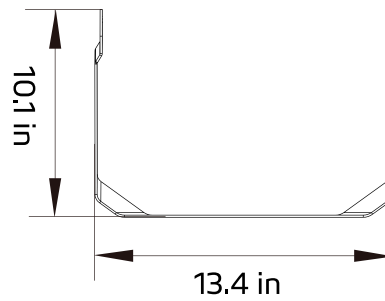
TRUNNION



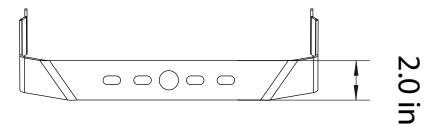
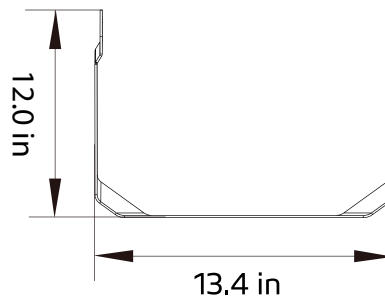
YOKE



80W, 100W, 150W, 230W



300W, 400W



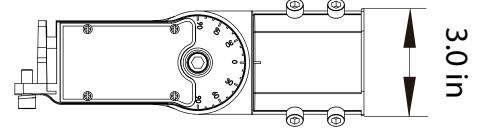
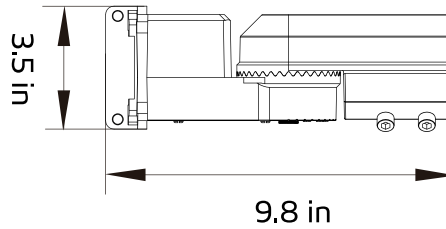
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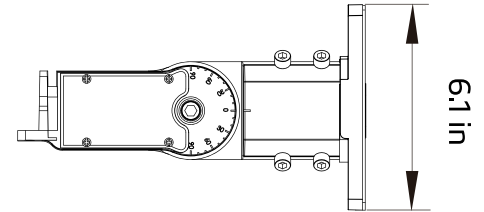
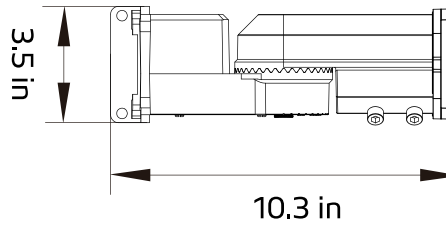
ACCESSORIES

DIMENSIONAL DRAWING

ADJUSTABLE SLIP FITTER



WALL MOUNT



SQUARE POLE & ROUND POLE MOUNT

