

Flex™



ARCHITECTURAL AREA LIGHTING

“to create, inspire and nurture excellence in each other”



Energy Efficiency

The Flex is designed to use electrical energy in the most efficient possible way. The reflectors are designed to direct the illumination on the ground with no stray light which translates into wasted energy. The result is more light with less energy consumption.

Light Pollution

The Flex is designated as a full cutoff fixture which means there is no light emitted above 90 degrees horizontal. This ensures no light is beamed into the sky which contributes to light pollution and wastes energy.



IDA Approved Dark-Sky Friendly versions of these luminaires are available.

Longevity

We manufacture all our products to have a life span as long as the building or space they illuminate. The primary material used for both our luminaire and pole products is aluminum to resist corrosion and the need for maintenance. Aluminum will not need the periodic refinishing required of steel products that will eventually rust and corrode. All our internal parts and fasteners are made of aluminum or stainless steel. Our reflector enclosures are kept dust free and dry with the use of silicone gaskets to prevent light degradation from contaminants.

Sustainability

AAL develops our products with recycling and resource management in mind. We recycle all incoming packaging materials. Our products are shipped in easy to recycle packaging materials. Our state of the art finishing system uses eco friendly cleansing and preparation chemicals that are harmless enough to send to the drain without further processing. Our powder coating process eliminates the release of volatile chemicals into the atmosphere. The Flex, like all AAL products is produced with renewable materials such as aluminum and stainless steel.

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Flex™ is registered and protected by numerous patents granted by the United States Patent Office. U.S. Patents D482,481; D470,965; D468,469

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2-FH3 TLC5 PR5 TWIN LONG CURVED ARM



FH2 LC4 LONG CURVED ARM



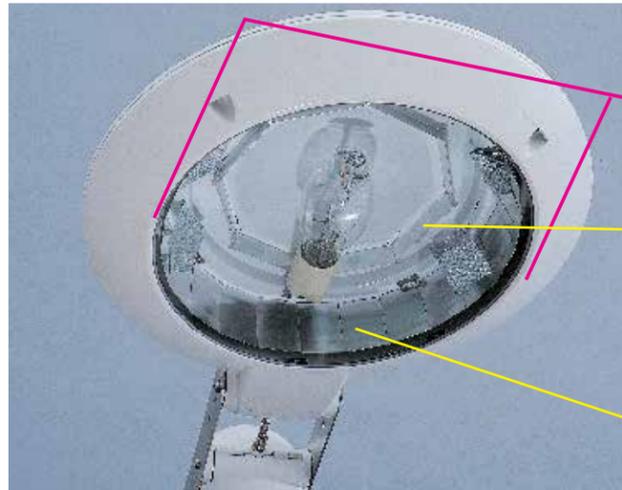
ABOVE:
FH3 WSC SHORT CURVED ARM WALL MOUNT



LEFT:
FH5 LS4 LONG STRAIGHT ARM
2-FH5 TLS4 TWIN LONG STRAIGHT ARM

Wide Angle Reflector Design

The Flex's large aperture and wide angle reflector design results in superior lighting performance at lower mounting heights. The four reflector types provide full cutoff optics to eliminate up light and control glare.



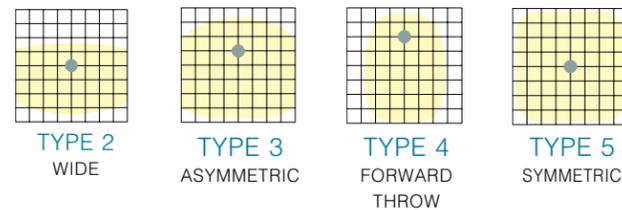
The larger reflector module and aperture increases the overall efficiency and lighting performance.

The upper reflector ring directs light into the middle region of the distribution pattern resulting in smooth illumination of the ground.

The lower reflector array consists of faceted panels to direct the light energy at higher angles to maximize pole spacing.

FOUR LIGHT PATTERNS

Four reflector distribution patterns are available for composing a complete site lighting layout. The reflector tray is rotatable on 90 degree increments to properly orient the light regardless of the luminaire orientation.



High Pressure Sodium lamps



ED-17 HPS
70 • 100 • 150 watt
ED-18 HPS
200 • 250 • 400 watt
A high pressure sodium lamp has a yellow cast with less visual acuity than metal halide lamps and slightly higher operating efficiency.

Metal Halide lamps offer good color rendering for pedestrian areas, landscapes, facade and retail applications.



T6 CDM METAL HALIDE
70 • 150 watt
The high color rendering T6 lamp and G12 socket, ensures poor quality lamps cannot be substituted when relamping. Perfect for applications where color rendering is important.



ED-17 METAL HALIDE
70 • 100 • 150 watt
The ED-17 metal halide lamp is available in standard or ceramic metal halide (CDM) versions.

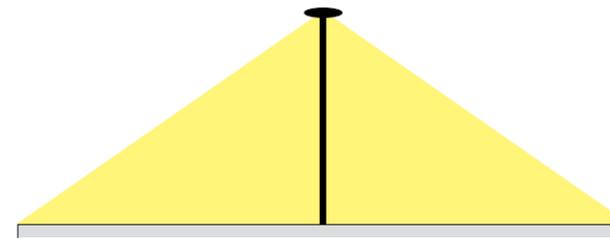


SUPER CWA
150 • 400 watt
The super CWA lamps are designed specifically for horizontal orientation.
PULSE START LAMPS
Pulse start lamps offer higher lumen output and longer lamp life.

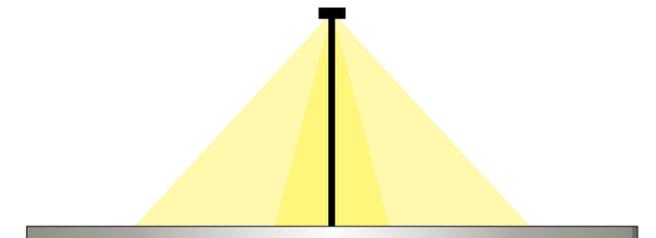
Lighting Performance

The Flex reflector system provides higher light levels with uniform illumination of the ground.

WIDE APERTURE + LARGE REFLECTOR = BETTER PERFORMANCE



The Flex's wide aperture reflector design provides more light farther out from the luminaire for uniform illumination.



Typical cutoff fixtures suffer from high angle light drop off - dark areas between poles and overly bright areas under the fixture.

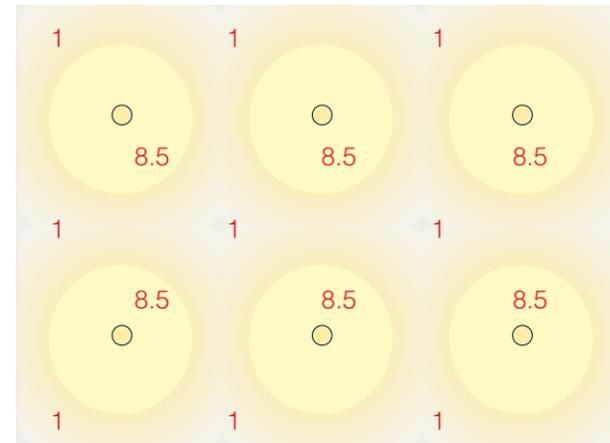
6 TO 1 AVERAGE/MINIMUM • 10 TO 1 MINIMUM/MAXIMUM

The even illumination of the Flex reflector system surpasses all IES design requirements for site lighting. The requirements ensure uniform illumination, without bright pools of light surrounded by dark areas that can impair your night vision.

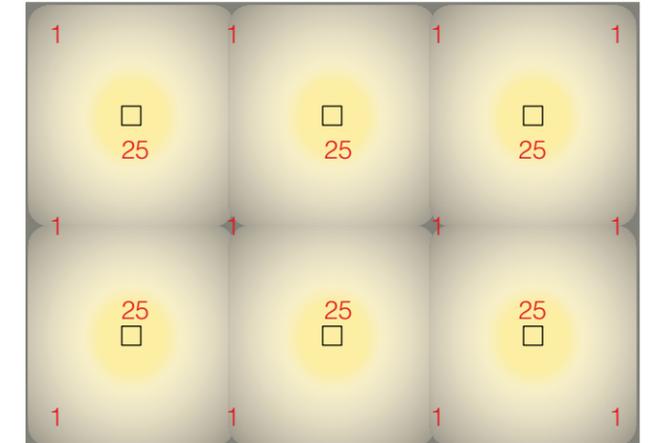
- the ratio of average to minimum illumination should be less than 6 to 1
- the ratio of maximum to minimum illumination should be less than 10 to 1

The Flex's average to minimum ratio = 2.6:1
The Flex's maximum to minimum ratio = 8.5:1

Typical average to minimum ratio = 8:1
Typical maximum to minimum ratio = 25:1



The Flex provides even illumination on the ground with no dark areas between the luminaires.



Other typical fixtures will have dark areas between the luminaires as the light levels drop off considerably.

Arm Designs

Every Flex is configured with an arm assembly. Pole mounted arms come in eight designs in single, twin, 3 way and quad configurations. Nine matching wall mounted arm designs complete the line.

FOUR BASIC ARM DESIGNS



SHORT STRAIGHT ARM



LONG STRAIGHT ARM



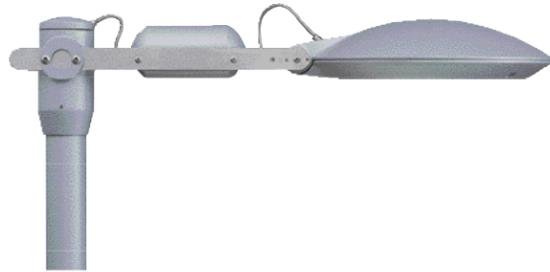
SHORT CURVED ARM



LONG CURVED ARM



FORM THE FOUNDATION OF THE POLE AND WALL MOUNT DESIGNS



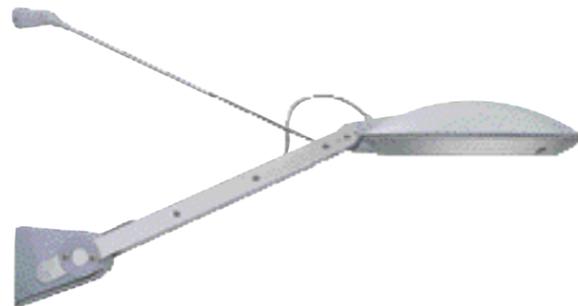
POLE TOP ARM
SHORT STRAIGHT ARM SHOWN



POLE TOP ARM WITH POST EXTENSION
SHORT CURVED ARM SHOWN



WALL MOUNT ARM
SHORT CURVED ARM SHOWN



WALL MOUNT WITH EXTENSION ARMS
LONG STRAIGHT ARM SHOWN AT 30° TILT

FIXED ARM

The short, fixed arm has an integral ballast compartment and can be configured as single or twin mounts (at 180°).



FH5 FA4 FIXED ARM

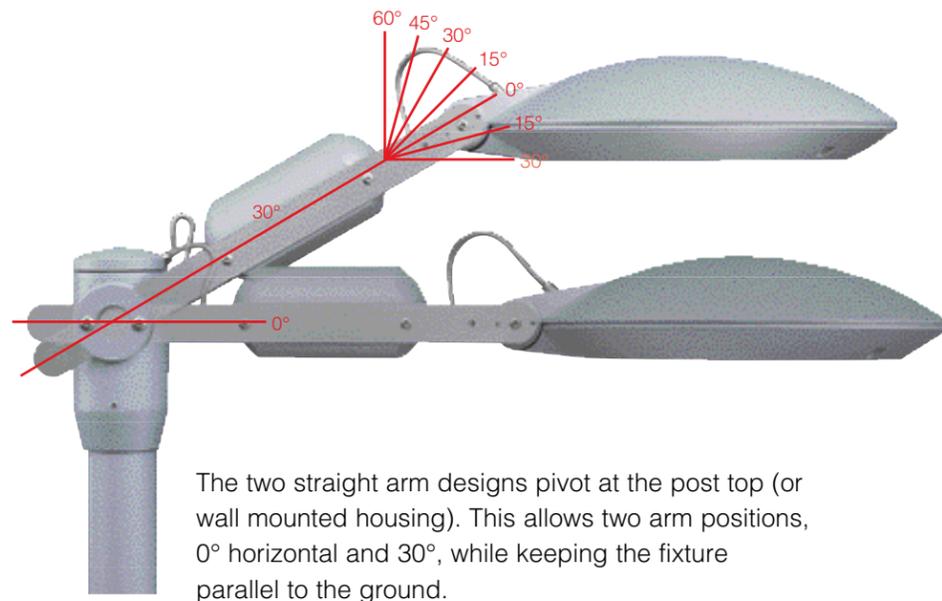


4-FH4 QLC4XP 4-WAY LONG CURVED ARM WITH EXTENSION

THREE AND FOUR WAY CONFIGURATION

The Flex can be specified as a three or four way configuration with arm designs and extensions.

Adjustable arm & luminaire



The lamp module, for both the straight and curved arms, can pivot up 15°, 30°, 45° and 60°. This provides minimum illumination behind the pole or direct more light in front of the luminaire. Using the straight arm, the lamp module can be pointed up at 90° to illuminate facades or wash walls.

The Flex with the long straight arm positioned at a 30° tilt to highlight the vehicles.

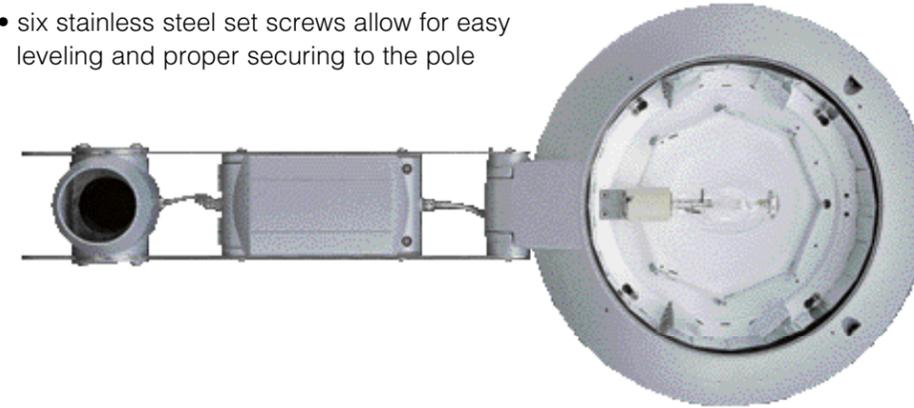


FH3 WLSER LONG STRAIGHT ARM WITH EXTENSION

Design Innovation

POST TOP MODULE

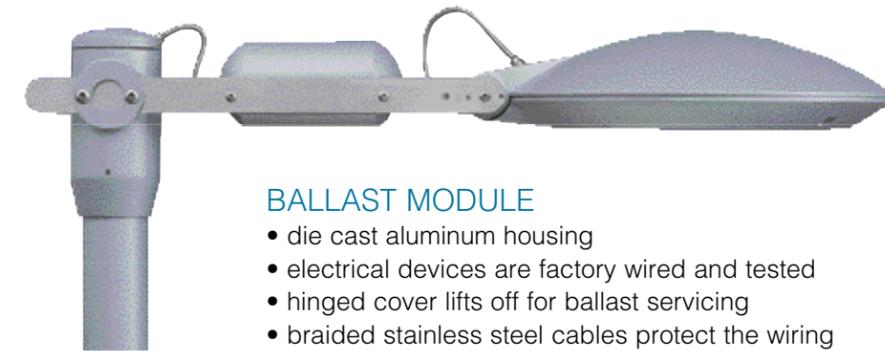
- cast aluminum fitter
- slips over a 4" or 5" O.D. pole for easy installation
- six stainless steel set screws allow for easy leveling and proper securing to the pole



- factory assembled and attached to the lamp module and post top fitter for easy installation

LAMP MODULE

- aluminum housing
- is sealed with nory retentive gasket to seal out moisture
- clear glass lens
- provides access for lamp



BALLAST MODULE

- die cast aluminum housing
- electrical devices are factory wired and tested
- hinged cover lifts off for ballast servicing
- braided stainless steel cables protect the wiring between the modules.

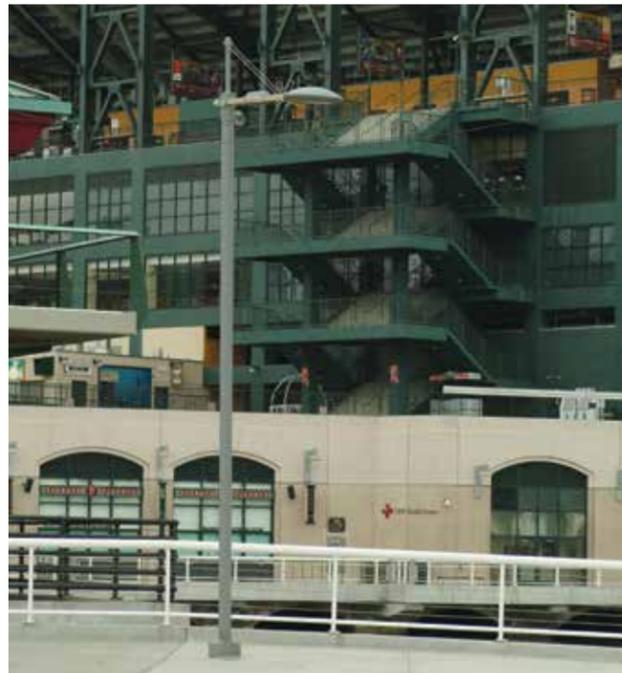
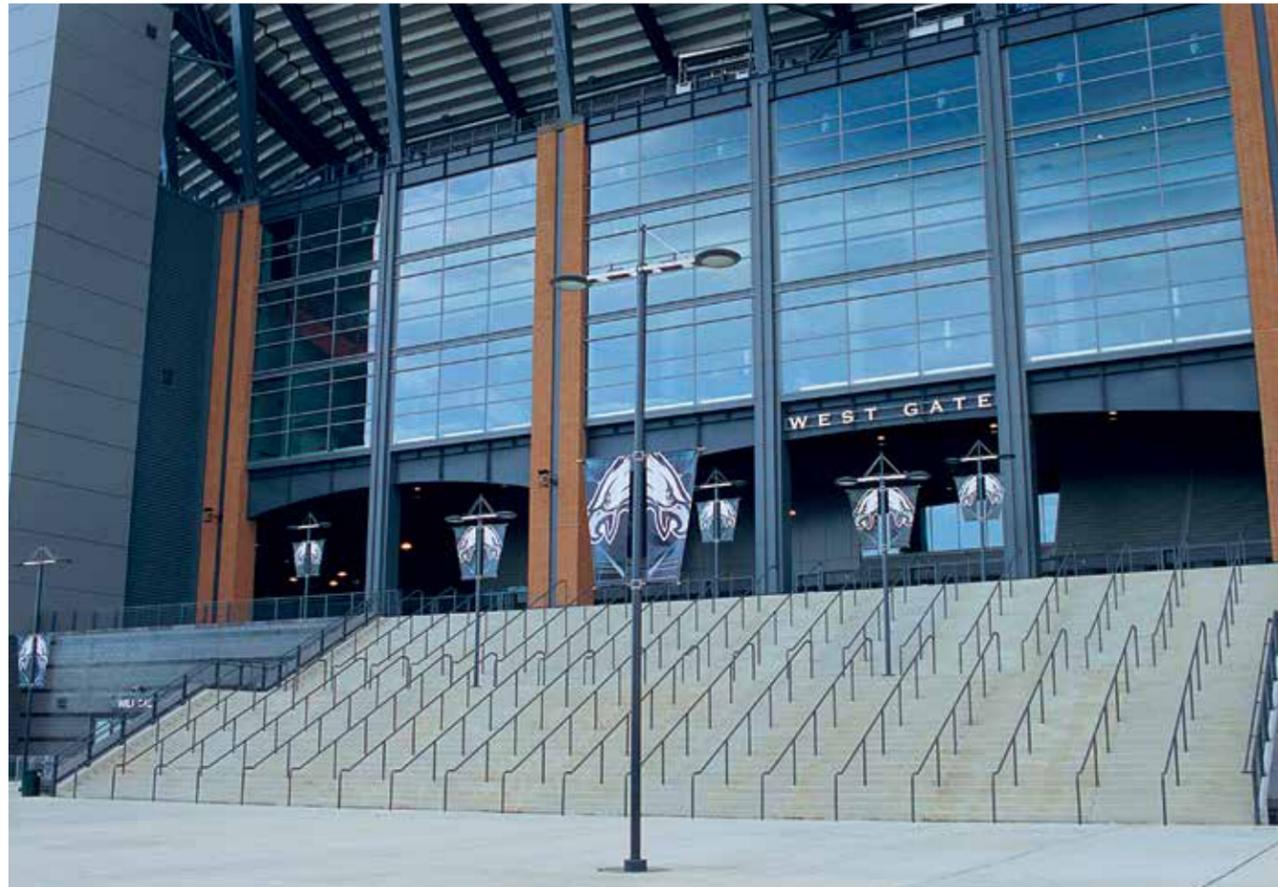
TOOL-LESS LAMP ACCESS

The lamp is accessible by opening the hinged lens frame. To open, just press in two latch buttons.

The ballast assembly is attached to the swing down door. The door assembly can be removed by a lift and shift motion. Quick disconnects are used between all wiring connections.



Pole mount



ABOVE:
2-FH5 TLS4XP TWIN LONG STRAIGHT ARM

LEFT:
FH5 LS5XP LONG STRAIGHT ARM

Arm Mount



FH2 WSSER SHORT STRAIGHT ARM WITH EXTENSION

The Flex can be wall mounted to complement the pole mounted versions. A cast aluminum ballast module mounts to the wall. A selection of eight arms match the pole versions.

The WVSS (very short straight arm) positions the Flex closer to the wall, as shown below. For lower mounting heights and a smaller scale, use the miniFlex as shown on the two entrance columns.



FH2 WVSS VERY SHORT STRAIGHT ARM

miniFlex Pole Mount

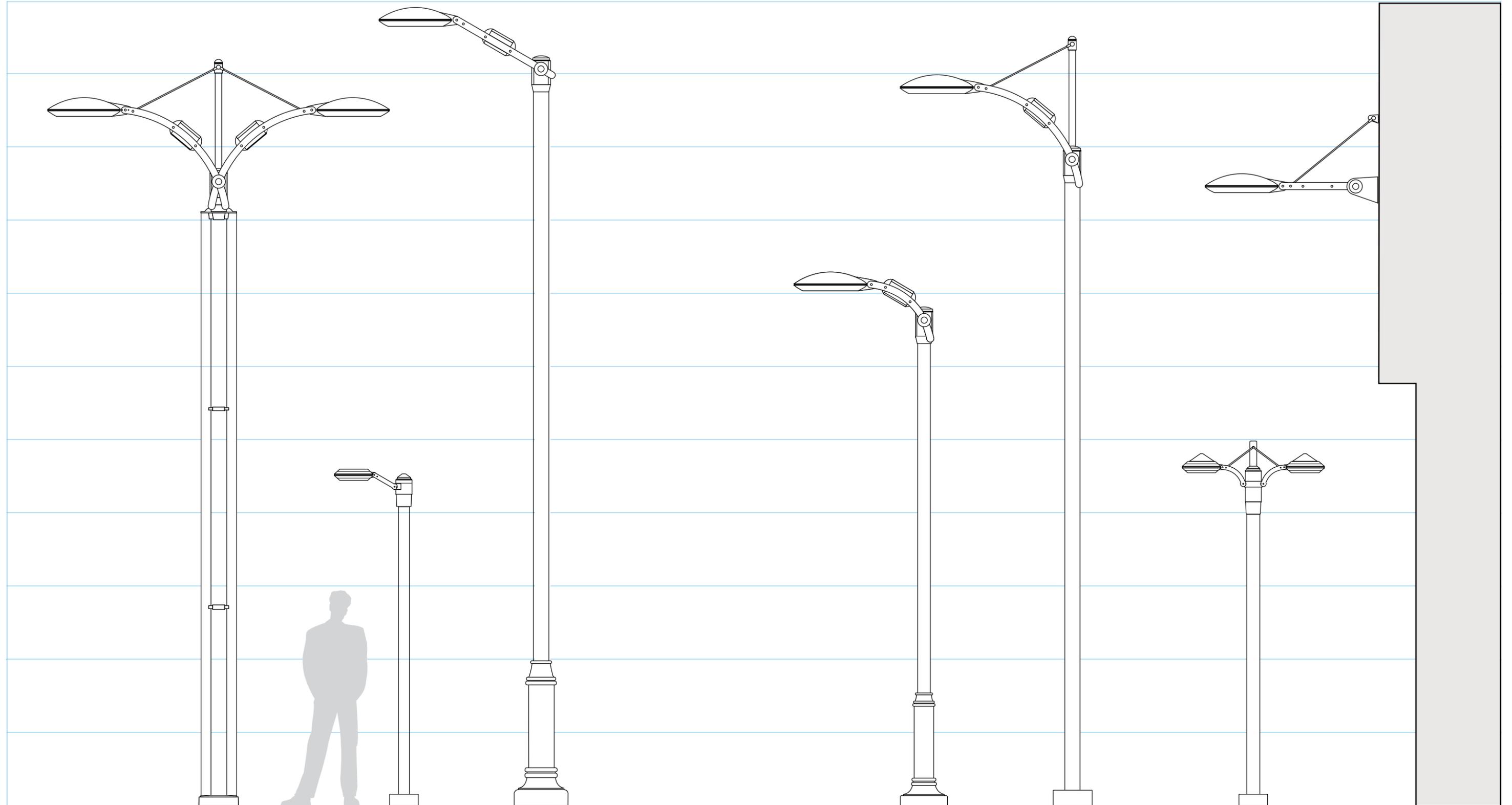
The miniFlex is available in pole mounted versions to complement the Flex. Scaled for pedestrian areas, the single and twin arm mount models can be configured with the miniFlex glass and shade options. See the miniFlex brochure for complete details.



FMSC4



FMTLS4XP CGL-U



FIXTURE	ARM	POLE
2-FH5	TLC4XP	3P12
FMLS	PMS	PR4-4R9
FH3	LS5	PR5-5R18, BC5-5
FH2	SC4	DB6-4R14
FH5	LC5XP	DB10-5R18
2-FM	LCX-PMT	PR4-4R8
FH2	WSSER	•

1	2	3	4	5
FIXTURE	LAMP / BALLAST	COLOR	OPTIONS	MOUNTING
FH-T2-56LED-3K	—	BLK	RCK	LS5XP

1. FIXTURE

MICROCORE LED (99 light emitting diode array, 112 watts. Class 1, 120 thru 277 volt. Warm white (3K), Neutral white (4K), Bright white (5K))

- FH-T2-56LED-3K (Type 2)
- FH-T2-56LED-4K (Type 2)
- FH-T2-56LED-5K (Type 2)
- FH-T3-56LED-3K (Type 3)
- FH-T3-56LED-4K (Type 3)
- FH-T3-56LED-5K (Type 3)
- FH-T4-56LED-3K (Type 4)
- FH-T4-56LED-4K (Type 4)
- FH-T4-56LED-5K (Type 4)
- FH-T5-56LED-3K (Type 5)
- FH-T5-56LED-4K (Type 5)
- FH-T5-56LED-5K (Type 5)
- FH-TL-56LED-3K (45° left)
- FH-TL-56LED-4K (45° left)
- FH-TL-56LED-5K (45° left)
- FH-TR-56LED-3K (45° right)
- FH-TR-56LED-4K (45° right)
- FH-TR-56LED-5K (45° right)

MICROEMITTER LED (99 light emitting diode array, 112 watts. Class 1, 120 thru 277 volt. Warm white (3K), Neutral white (4K), Bright white (5K))

- FH-T2-99LED-3K (Type 2)
 - FH-T2-99LED-5K (Type 2)
 - FH-T3-99LED-3K (Type 3)
 - FH-T3-99LED-5K (Type 3)*
 - FH-T4-99LED-3K (Type 4)
 - FH-T4-99LED-5K (Type 4)
 - FH-T5-99LED-3K (Type 5)
 - FH-T5-99LED-5K (Type 5)*
- * DLC Listed

HID

(Semi specular reflector for T-6 & ED-17 lamp, specular reflector for ED-28 lamp)

- FH2 (Type 2)
- FH3 (Type 3)
- FH4 (Type 4)
- FH5 (Type 5)

2. LAMP/BALLAST:

METAL HALIDE

- Medium base, ED-17 lamp: 70MH, 100MH
- G12 base, T-6 ceramic lamp: 70MHT6

ELECTRONIC METAL HALIDE

- Medium base, ED-17 lamp: 70MHEB, 150MHEB
- G12 base, T-6 ceramic lamp: 70MHT6EB, 150MHT6EB

PULSE START METAL HALIDE

- Medium base, ED-17 lamp: 150PSMH
- G12 base, T-6 ceramic lamp: 150PSMHT6
- Mogul base, ED-28 lamp: 250PSMH, 320PSMH, 350PSMH
- 400PSMH (Pole mounted fixtures only)

HIGH PRESSURE SODIUM

- Mogul base, ED-17 lamp: 70HPS, 100HPS, 150HPS
- Mogul base, ED-18 lamp: 200HPS, 250HPS
- 400HPS (Pole mounted fixtures only)

All ballasts are factory wired for 277 volts, unless specified. Lamps not included

3. COLOR

All standard and premium AAL colors available. For RAL and custom colors please submit a 4-digit RAL number or color chip for custom colors.

4. BEZEL (MicroCore only)

All standard and premium AAL colors available. For RAL and custom colors please submit a 4-digit RAL number or color chip for custom colors.

5. OPTIONS



HSS

HOUSE SIDE SHIELD

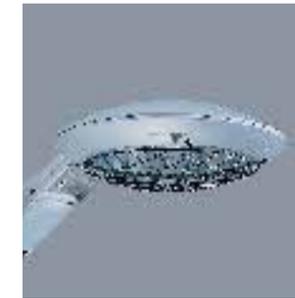
House side shield to cutoff light behind the pole and shield the lamp from view.



LDL

LIGHTLY DIFFUSED LENS

Frosted, flat glass lens has a lightly diffused finish to minimize the lamp and reflector brightness.



RCK

ROCK GUARD

Rock guard factory installed on the lens frame, black finish.



BPC12

120 volt

BPC27 208/240/277 volt PHOTOCELL

Button type photocell with adjustable swivel for aiming. Requires field wiring.

EGRESS AND EMERGENCY OPTIONS

Egress lighting codes require an illuminated path to allow occupants to get a safe distance from the building during a power failure or other emergency. In conjunction with the proper wiring, these two options can be implemented to provide egress lighting.



QRS

RESTRIKE CONTROLLER

Restrike controller and T-4 mini-can socket. Reflector models only. Not required with electronic ballast. (Lamp wattage not to exceed ballast wattage).



QL

HALOGEN LAMP CIRCUIT

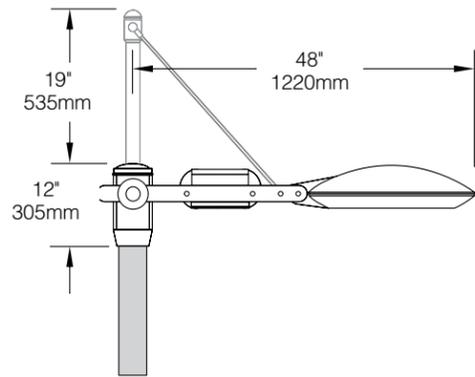
Socket for T-4 mini-can lamp, field wired to a separate circuit. Reflector models only. (Lamp wattage not to exceed ballast wattage).

ELECTRICAL OPTIONS

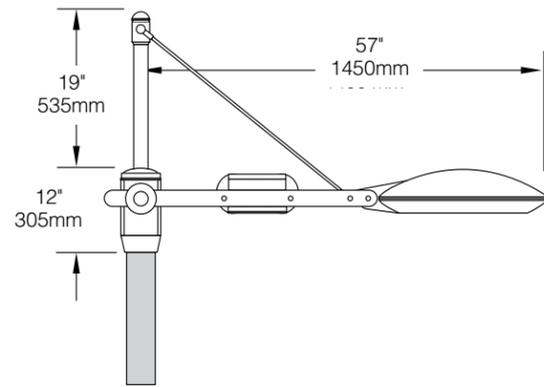
347 120/277/347 volt ballast option for metal halide and high pressure sodium lamps.

6. MOUNTING

SHORT STRAIGHT ARM



LONG STRAIGHT ARM



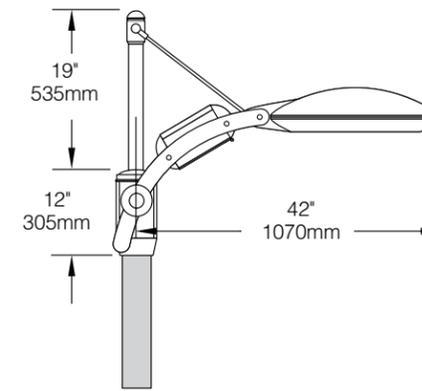
SHORT STRAIGHT ARM		WT	EPA
SS4	Slips over a 4"/100mm pole	52	1.37
SS5	Slips over a 5"/127mm pole	52	1.37
TSS4	Twin arm, slips over a 4"/100mm pole	98	2.52
TSS5	Twin arm, slips over a 5"/127mm pole	98	2.52
PSS4	3-way - T configuration, horizontal position only, slips over a 4"/100mm pole	144	3.13
PSS5	3-way T configuration, horizontal position only, slips over a 5"/127mm pole	144	3.13
QSS4	4-way, horizontal position only, slips over a 4"/100mm pole	144	3.90
QSS5	4-way, horizontal position only, slips over a 5"/127mm pole	144	3.90

LONG STRAIGHT ARM		WT	EPA
LS4	Slips over a 4"/100mm pole	52	1.53
LS5	Slips over a 5"/127mm pole	52	1.53
TLS4	Twin arm, slips over a 4"/100mm pole	98	2.84
TLS5	Twin arm, slips over a 5"/127mm pole	98	2.84
PLS4	3-way - T configuration, horizontal position only, slips over a 4"/100mm pole	144	3.45
PLS5	3-way - T configuration, horizontal position only, slips over a 5"/127mm pole	144	3.45
QLS4	4-way, horizontal position only, slips over a 4"/100mm pole	190	3.93
QLS5	4-way, horizontal position only, slips over a 5"/127mm pole	190	3.93

SHORT STRAIGHT ARM WITH EXTENSION		WT	EPA
SS4XP	With an extended post, slips over a 4"/100mm pole	56	1.55
SS5XP	With an extended post, slips over a 5"/127mm pole	56	1.55
TSS4XP	Twin arm with an extended post, slips over a 4"/100mm pole	106	2.45
TSS5XP	Twin arm with an extended post, slips over a 5"/127mm pole	106	2.45
PSS4XP	3-way - T configuration, horizontal position only with an extended post, slips over a 4"/100mm pole	156	3.06
PSS5XP	3-way - T configuration, horizontal position only with an extended post, slips over a 5"/127mm pole.	156	3.06
QSS4XP	4-way, horizontal position only with an extended post, slips over a 4"/100mm pole	206	4.08
QSS5XP	4-way, horizontal position only with an extended post, slips over a 5"/127mm pole	206	4.08

LONG STRAIGHT ARM WITH EXTENSION		WT	EPA
LS4XP	With an extended post, slips over a 4"/100mm pole	56	1.71
LS5XP	With an extended post, slips over a 5"/127mm pole	56	1.71
TLS4XP	Twin arm with an extended post, slips over a 4"/100mm pole	106	3.07
TLS5XP	Twin arm with an extended post, slips over a 5"/127mm pole	106	3.07
PLS4XP	3-way - T configuration, horizontal position only with an extended post, slips over a 4"/100mm pole	156	3.68
PLS5XP	3-way - T configuration, horizontal position only with an extended post, slips over a 5"/127mm pole	156	3.68
QLS4XP	4-way, horizontal position only with an extended post, slips over a 4"/100mm pole	206	4.64
QLS5XP	4-way, horizontal position only with an extended post, slips over a 5"/100mm pole	206	4.64

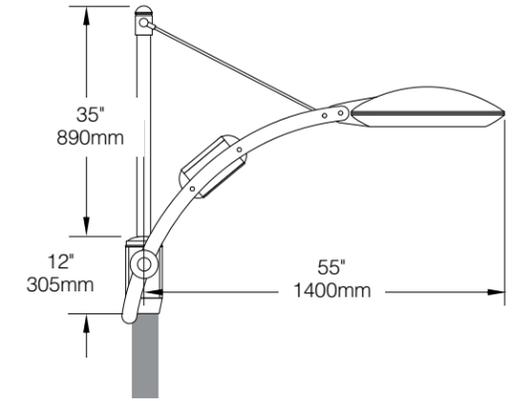
SHORT CURVED ARM



SHORT CURVED ARM		WT	EPA
SC4	Slips over a 4"/100mm pole	52	1.38
SC5	Slips over a 5"/127mm pole	52	1.38
TSC4	Twin arm, slips over a 4"/100mm pole	98	2.54
TSC5	Twin arm, slips over a 5"/127mm pole	98	2.54
PSC4	3-way - T configuration, slips over a 4"/100mm pole	144	3.15
PSC5	3-way - T configuration, slips over a 5"/127mm pole	144	3.15
QSC4	4-way, slips over a 4"/100mm pole	144	3.97
QSC5	4-way, slips over a 5"/127mm pole	144	3.97

SHORT CURVED ARM WITH EXTENSION		WT	EPA
SC4XP	With an extended post, slips over a 4"/100mm pole	56	1.54
SC5XP	With an extended post, slips over a 5"/127mm pole	56	1.54
TSC4XP	Twin arm with an extended post, slips over a 4"/100mm pole	106	2.72
TSC5XP	Twin arm with an extended post, slips over a 5"/127mm pole	106	2.72
PSC4XP	3-way - T configuration with extended post, slips over a 4"/100mm pole	156	3.33
PSC5XP	3-way - T configuration with extended post, slips over a 5"/127mm pole	156	3.33
QSC4XP	4-way with an extended post, slips over a 4"/100mm pole	206	4.14
QSC5XP	4-way with an extended post, slips over a 5"/127mm pole	206	4.14

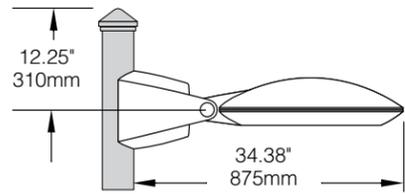
LONG CURVED ARM



LONG CURVED ARM		WT	EPA
LC4	Slips over a 4"/100mm pole	52	1.75
LC5	Slips over a 5"/127mm pole	52	1.75
TLC4	Twin arm, slips over a 4"/100mm pole	98	3.28
TLC5	Twin arm, slips over a 5"/127mm pole	98	3.28
PLC4	3-way - T configuration, slips over a 4"/100mm pole	144	3.89
PLC5	3-way - T configuration, slips over a 5"/127mm pole	144	3.89
QLC4	4-way, slips over a 4"/100mm pole	144	5.16
QLC5	4-way, slips over a 5"/127mm pole	144	5.16

LONG CURVED ARM WITH EXTENSION		WT	EPA
LC4XP	With an extended post, slips over a 4"/100mm pole	56	2.04
LC5XP	With an extended post, slips over a 5"/127mm pole	56	2.04
TLC4XP	Twin arm with an extended post, slips over a 4"/100mm pole	106	3.60
TLC5XP	Twin arm with an extended post, slips over a 5"/127mm pole	106	3.60
PLC4XP	3-way - T configuration with extended post, slips over a 4"/100mm pole	156	4.21
PLC5XP	3-way - T configuration with extended post, slips over a 5"/127mm pole	156	4.21
QLC4XP	4-way with an extended post, slips over a 4"/100mm pole	206	5.44
QLC5XP	4-way with an extended post, slips over a 5"/127mm pole	206	5.44

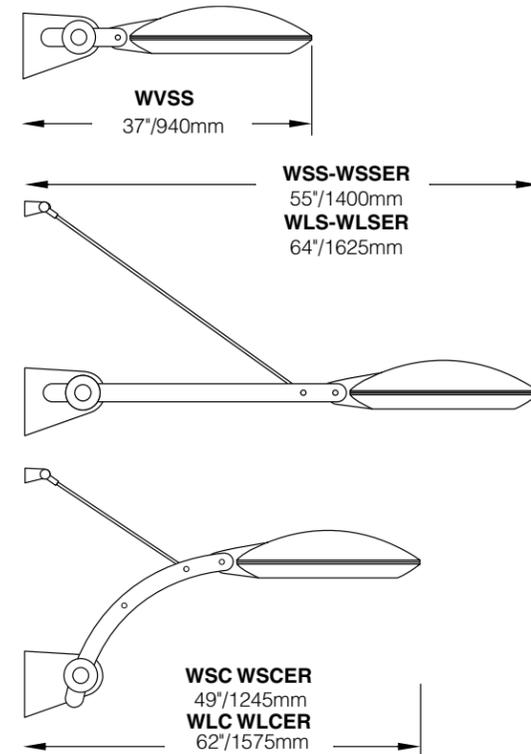
FIXED ARM



FIXED ARM	WT	EPA
FA4 Attaches to the side of a 4"/100mm pole	55	1.12
FA5 Attaches to the side of a 5"/127mm pole	55	1.12

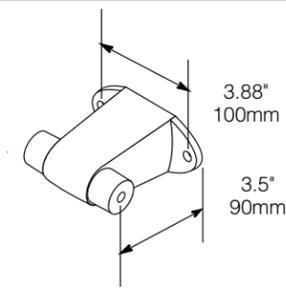
Two individual arms can be mounted to a pole at a 180° orientation.

WALL MOUNT ARMS



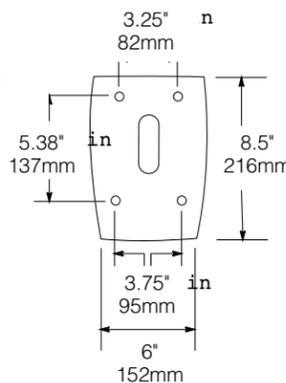
WALL MOUNTED

EXTENSION ROD PLATE



WALL MOUNT ARM	WT	EPA
WVSS Very short straight arm	48	.93
WSS Short straight arm	53	1.47
WLS Long straight arm	55	1.63
WSC Short curved arm	53	1.67
WLC Long curved arm	56	1.85

WALL MOUNTED BALLAST HOUSING



WALL MOUNT ARM WITH EXTENSION ARM	WT	EPA
WSSER Short straight arm with extension rods and wall plate	50	1.53
WLSER Long straight arm with extension rods and wall plate	57	1.69
WSCER Short curved arm with extension rods and wall plate	55	1.54
WLCER Long curved arm with extension rods and wall plate	58	1.91

Hardware for properly mounting the arm and wall plate (for extension rods) provided by others.



ABOVE:
POLE MOUNT:
FH3 SS5XP
SHORT STRAIGHT ARM WITH
EXTENSION
WALL MOUNT:
FH3 WVSS
VERY SHORT STRAIGHT ARM

LEFT:
WALL MOUNT:
FH3 WSS
SHORT STRAIGHT ARM



FH5 LS5XP LONG STRAIGHT ARM

LAMP MODULE

The lamp housing shall be two-piece die-cast aluminum. The internal reflector module is sealed from the outer housing with a one-piece memory retentive molded silicone gasket. Two push button latches release the hinged door that swings down to allow access to the lamp. The lamp module shall be attached to the arm module with four stainless steel bolts.

The reflector module shall be composed of faceted, specular and semi specular anodized aluminum panels rigidly attached in an aluminum tray. The reflector tray shall be aluminum. The reflector shall be easily removed by loosening four screws and lifting it out the tray. The reflector tray shall be rotatable on 90° centers for orienting the light distribution. The reflectors shall meet ANSI-IES standards for full cutoff reflector systems.

BALLAST MODULE

The ballast housing shall be two-piece die-cast aluminum. The ballast door shall swing down for servicing by loosening two captive bolts. The door shall be removable by a lift and shift motion. The ballast shall be mounted on a prewired tray with a quick disconnect plug and removed by loosening two captive screws. HID ballasts are high power factor, rated for -30°C starting. Electronic ballasts for metal halide lamps are sound rated A. All sockets are pulse rated porcelain. Ballasts are multi-tap, wired at the factory for 277 volts, unless specified.

ARM MODULE

The arm module shall consist of two stainless steel rails that attach to the lamp module, ballast module and post top (or wall mounted) module. The cables between modules shall be sheathed in a flexible stainless steel hose with stainless steel fittings. The extended post arms shall have a cast post extension and top cap with two stainless steel tubes. The tubes shall be field trimmed to fit straight arms that are pivoted up 30°.

Specifications

INSTALLATION & MOUNTING

The Flex shall be factory supplied as a complete, prewired assembly including the lamp module, ballast, arm and post top (or wall mounted). The post top shall slip over a 4"/100mm or 5"/127mm open top pole and be secured with six stainless steel set screws. The set screws are also used to level the assembly on the pole.

FINISH

Fixture finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

EISA COMPLIANCE

AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

CERTIFICATION

The fixture shall be listed with ETL for outdoor, wet location use. Conforms to UL1598 and Canadian CSA Std. C22.2 no.250. IP=65.

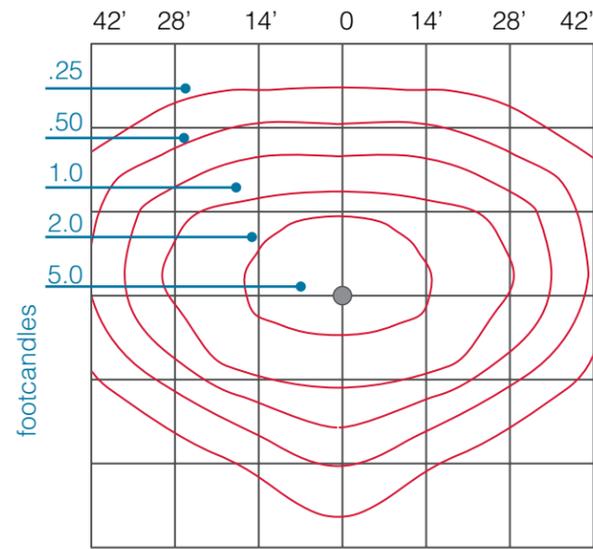
WARRANTY

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

The isocandle charts below represent initial light output, in horizontal footcandles. All photometry tests were performed by an independent, certified photometric laboratory. All photometry files are in IES format for use in various lighting calculation programs.

FH2-150PSMH ED-17 TYPE 2

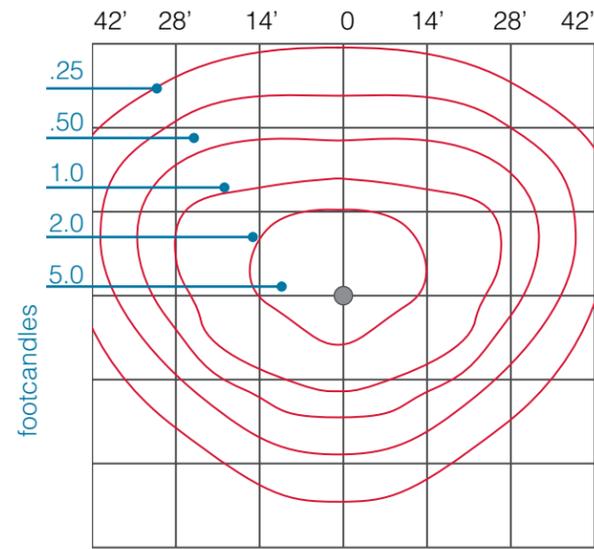
14' mounting height



one grid square equals 14'

FH3-150PSMH ED-17 TYPE 3

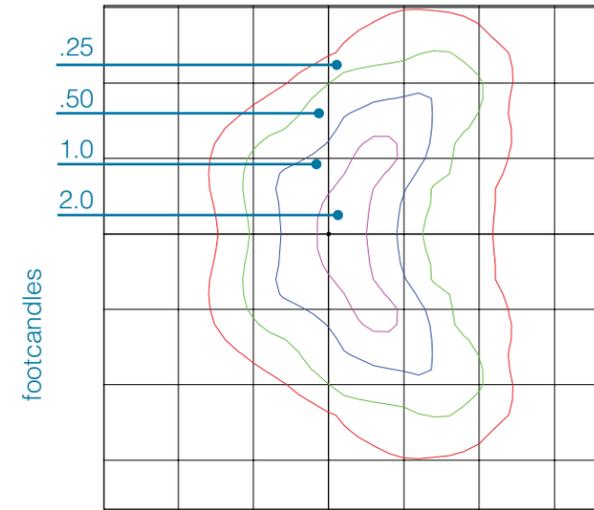
14' mounting height



one grid square equals 14'

FH3-250PSMH ED-28 TYPE 3

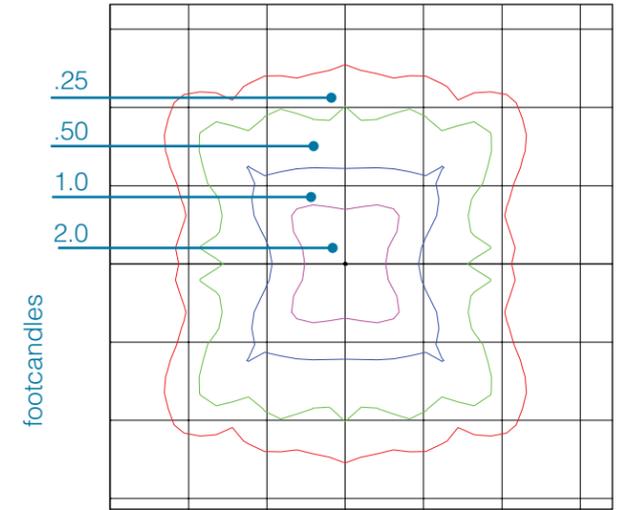
25' mounting height



one grid square equals 25'

FH5-250PSMH ED-28 TYPE 5

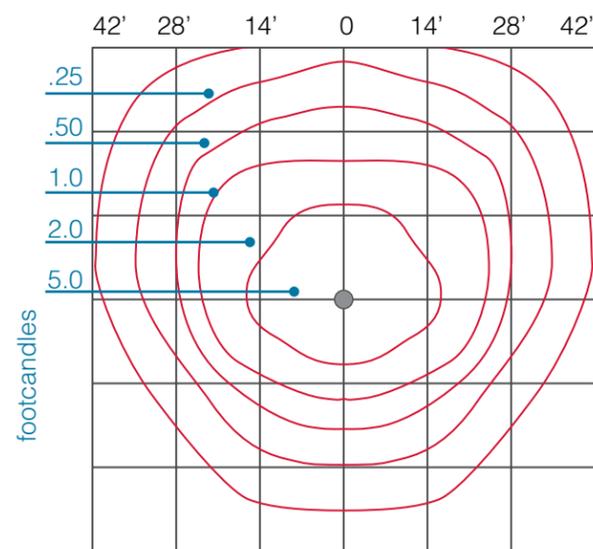
25' mounting height



one grid square equals 25'

FH4-150PSMH ED-17 TYPE 4

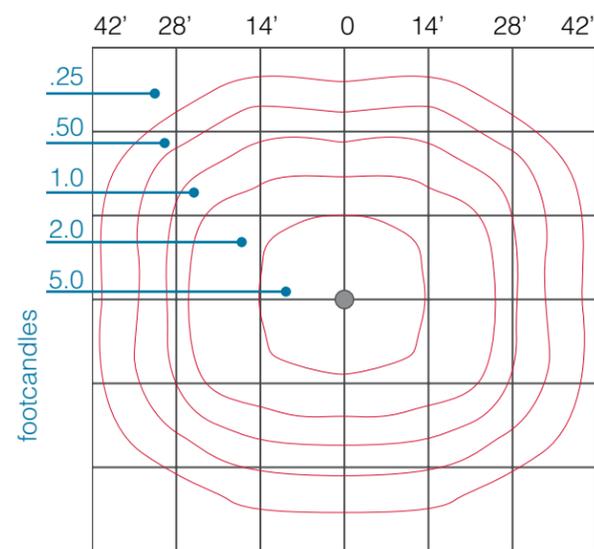
14' mounting height



one grid square equals 14'

FH5-150PSMH ED-17 TYPE 5

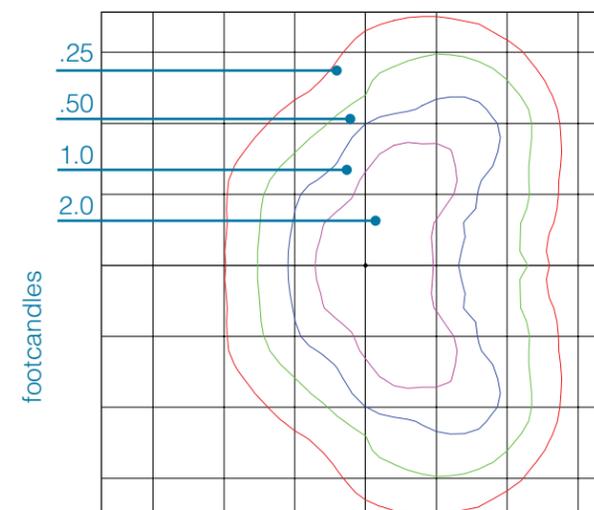
14' mounting height



one grid square equals 14'

FH3-400PSMH ED-28 TYPE 5

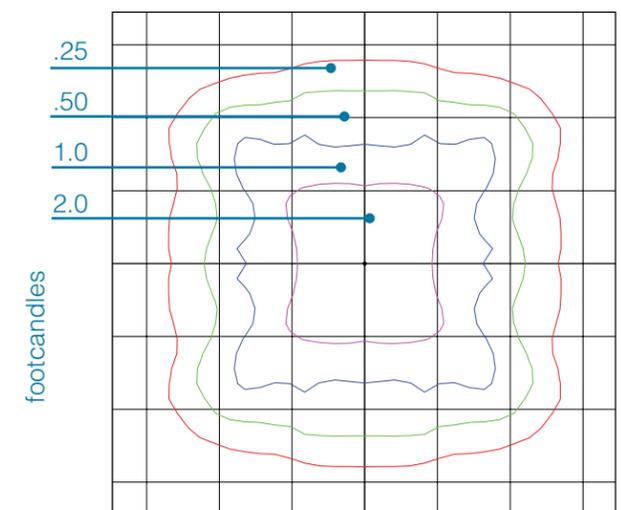
25' mounting height



one grid square equals 25'

FH5-400PSMH ED-28 TYPE 5

25' mounting height



one grid square equals 25'

Flex™



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