Galvin Rotatable Floodlight Pole for Felix

structura

FIXTURE TYPE: _____

PROJECT NAME: _____





FEATURES:

- Fixture mounting modules with 360° rotation capability
- Fully field adjustable fixture aiming
- Ability to mount up to 4 Felix-Large or 6 Felix-Mini floodlights
- Vertical aiming angle indicators

SPECIFICATIONS:

CONSTRUCTION: Base portion comprised of formed A500 structural steel pipe welded to an A572 steel baseplate. Rotational sections comprised of aluminum 6061-T6 extrusion with machined aluminum 6061-T6 mounting brackets.

ELECTRICAL: Wireway access is provided through a gasketed NEC compliant handhole with grounding provisions.

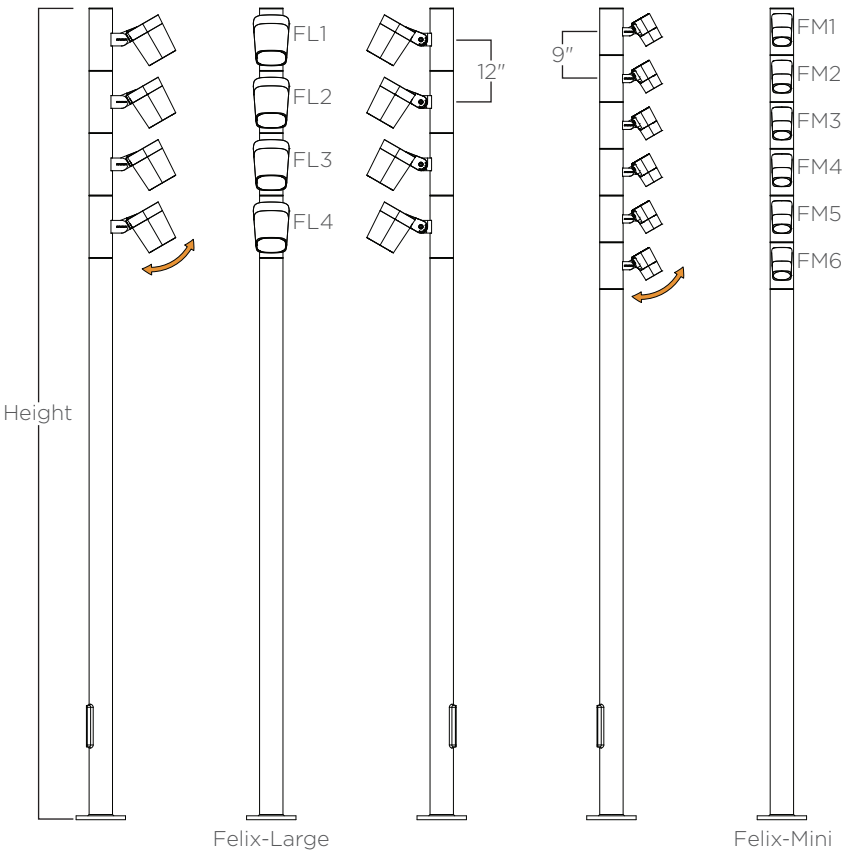
FINISHES AND MATERIALS: All metal parts are polyester powder coat painted to AAMA-2604 standards. Care and Maintenance

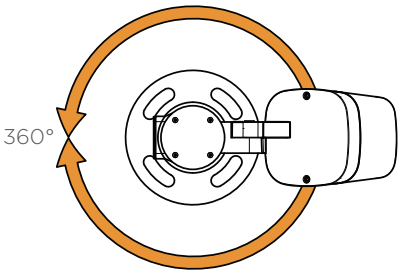
HARDWARE: All fasteners and hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

FIXTURE MOUNTING: Felix mounting to rotatable sections by attachment to vertically adjustable knuckle. Rotatable sections secured via stainless steel hardware under pole top cap.

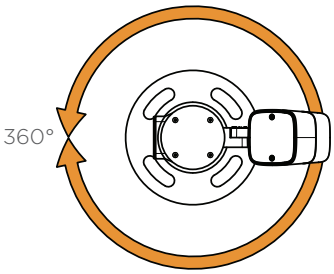
Patent pending.

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Felix-Large



Felix-Mini

ORDERING GUIDE: EXAMPLE: GALVIN-18-45-S-C5-FL3-GFCI-BC-STD

GALVIN		45	S					STD
1	2	3	4	5	6	7	8	9

1 Series
GALVIN Galvin

2 Pole Height
10 10′
****** Specify
22 22′

3 Pole Size
45 Ø4.5″

4 Wall
S Standard

5 Pole Finish
C* See color options on finishes technical sheet
CSM Custom Color

6 Fixture Quantity
FL1 1 Felix-Large
FL2 2 Felix-Larges
FL3 3 Felix-Larges
FL4 4 Felix-Larges
FM1 1 Felix-Mini
FM2 2 Felix-Minis
FM3 3 Felix-Minis
FM4 4 Felix-Minis
FM5 5 Felix-Minis
FM6 6 Felix-Minis

7 Options
BABA BABA
BNR Banner Arms[1]
GALV Galvanization[2]
GFCI GFCI Box
VD Vibration Damper

8 Anchor Bolts
BC Traditional Anchors with Base Cover
BD Bolt Down Anchors
TA Traditional Anchor Bolts

9 Special
STD Standard

1. Consult factory for allowable EPA for banners.
2. Due to the nature of galvanization, some surface smoothness imperfections can be present.

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Felix LED Floodlight Luminaire

structura

FIXTURE TYPE: _____

PROJECT NAME: _____



SPECIFICATIONS:

CONSTRUCTION: Housing comprised of aluminum die castings with machined aluminum 6061-T6 mounting brackets.

ELECTRICAL: Powered by an integral 120-277VAC, 0-10V dimmable constant current driver with built in 4kV surge protection. Operating temperature of -22°F to 122°F.

OPTICAL SYSTEM: COB LED has solderless connections for field upgradability. Available in color temperature of 2700, 3000, 3500, and 4000K with >80 CRI standard. Optional >90 CRI. Optical reflectors available in 15°, 25°, 35°, and 70° beam distributions. Covered by clear tempered glass. Consult factory for additional color temperatures or lumen outputs.

FINISHES: All exterior aluminum parts are polyester powder coat painted to meet AAMA-2604 standards. See Structura's finish options for available standard finishes. Care and Maintenance

LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-21/UL Standard 1598, 5th edition. Suitable for wet locations. LM-80 test reported L70 > 66,000 hours. IP66 rated.

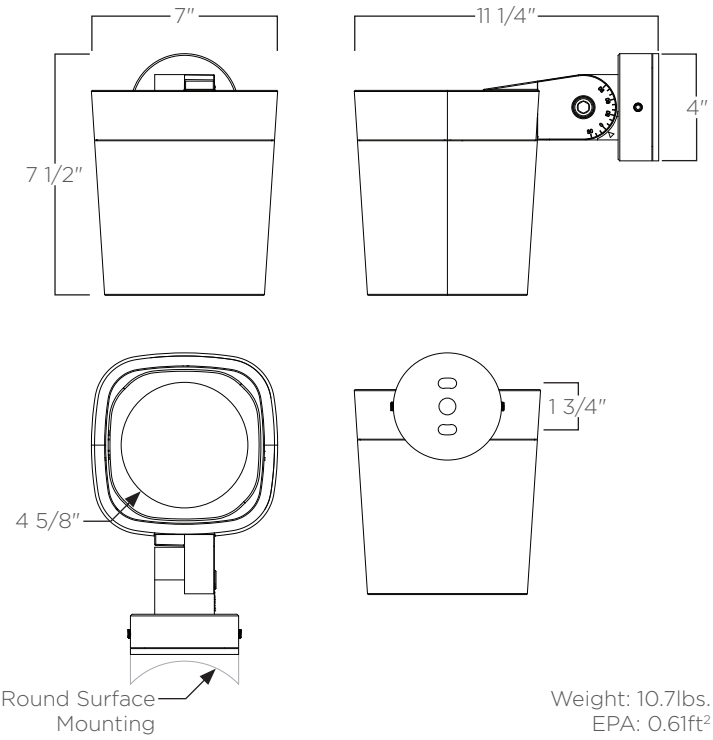
WARRANTY: 5-year warranty on LED and drivers.



C US

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			Output at 3000K, 80CRI		
Output	Wattage	Optic	Lumen	Efficacy	Candela
SO	40	Spot	2383	59.5	26,394
SO	40	15	4506	112.6	38,670
SO	40	25	4144	103.5	12,452
SO	40	35	4393	109.8	7,399
SO	40	70	4534	113.3	3,833
HO	60	Spot	3469	57.7	37,097
HO	60	15	6656	110.7	55,785
HO	60	25	6067	100.9	16,382
HO	60	35	6423	106.8	12,858
HO	60	70	6707	111.5	5,537



Weight: 10.7lbs.
EPA: 0.61ft²

ORDERING GUIDE: EXAMPLE: FELIX-LARGE-L30HO-35-C5-UNV-R/5.5-HEX-STD

FELIX	LARGE					UNV			STD
1	2	3	4	5	6	7	8	9	10

1 Series
- **FELIX** Felix

2 Size
- **LARGE** Large

3 Color Temperature[1]
- **L27** 2700K
- **L30** 3000K
- **L35** 3500K
- **L40** 4000K

4 Output[1]
- **SO** Standard Output
- **HO** High Output

5 Distribution
- **SP** 15° Spot with Internal Ring Louver
- **15** 15° Spot
- **25** 25° Narrow Flood
- **35** 35° Medium Flood
- **70** 70° Wide Flood

6 Metal Finish
- **C*** See color options on finishes technical sheet
- **CSM** Custom Color

7 Voltage
- **UNV** 120-277V

8 Mounting
- **F** Flat Surface
- **R/*** Round Surface/Diameter[2]
- **G** Galvin

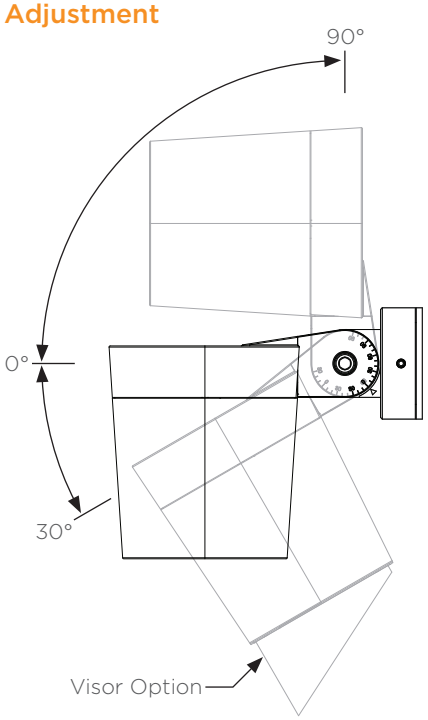
9 Option
- **90** >90 CRI[3]
- **BABA** BABA
- **HEX** Hexcell Louver[4]
- **VSR1** Visor less weephole[5]
- **VSR2** Visor with weephole[5][6]

10 Special
- **STD** Standard

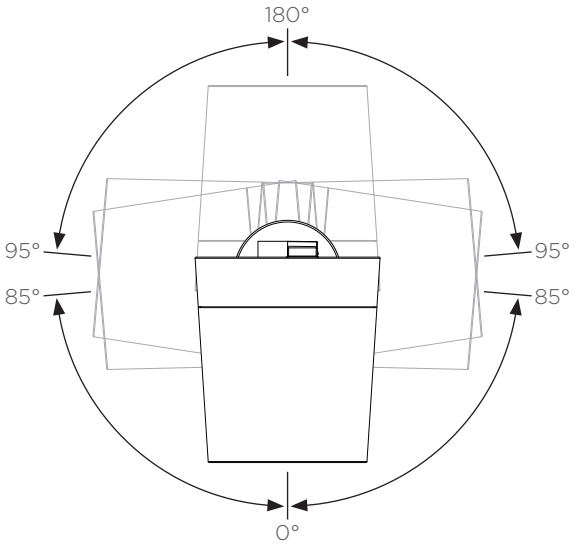
1. Contact factory for alternative color temperatures or output options.
2. Diameter specified in inches.
3. Standard CRI is >80.
4. Hexcell louver not available with SP distribution option
5. Visor option increases luminaire EPA to 0.69ft².
6. Weephole required for any installation using a visor with fixture facing upwards.

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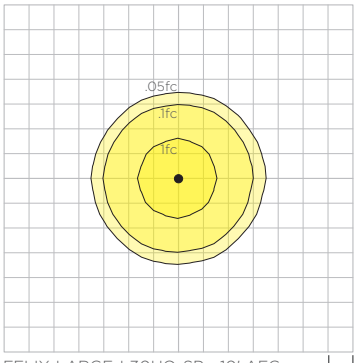
Vertical Adjustment



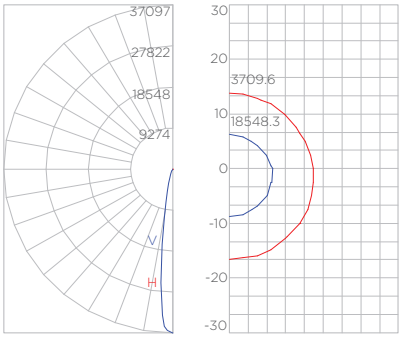
Axial Adjustment



15° Spot with Ring Louver



FELIX-LARGE-L30HO-SP - 10' AFG
BUG Rating: B3-U0-G0

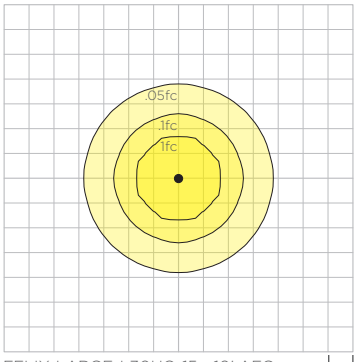


Max Candela = 37097, 50% = 18548, 10% = 3710
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

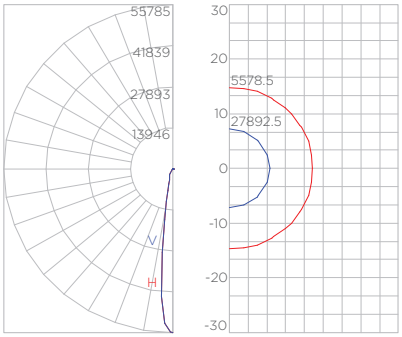
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	2.6′	367.2
15′	3.9′	163.2
20′	5.2′	91.8
25′	6.5′	58.8
30′	7.8′	40.8
35′	9.1′	30.0
40′	10.4′	23.0

Beam Distribution: 14.8°

15° Spot



FELIX-LARGE-L30HO-15 - 10' AFG
BUG Rating: B4-U0-G0



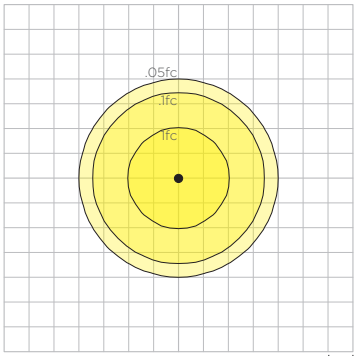
Max Candela = 55785, 50% = 27893, 10% = 5579
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	2.5′	557.9
15′	3.7′	247.9
20′	5.0′	139.5
25′	6.2′	89.3
30′	7.5′	62.0
35′	8.7′	45.5
40′	10.0′	34.9

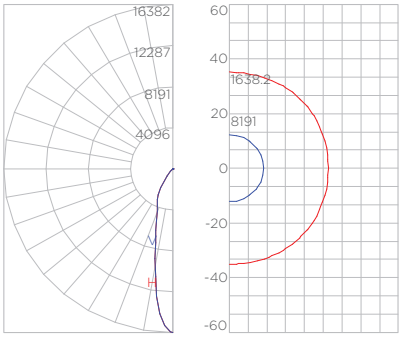
Beam Distribution: 14.2°

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25° Narrow Flood



FELIX-LARGE-L30HO-25 - 10' AFG
BUG Rating: B3-U0-G0

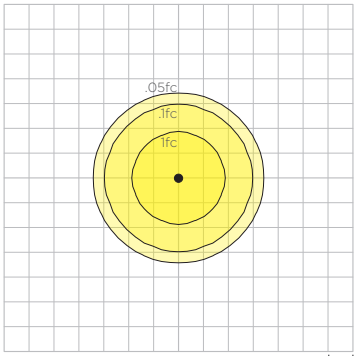


Max Candela = 16382, 50% = 8191, 10% = 1638
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

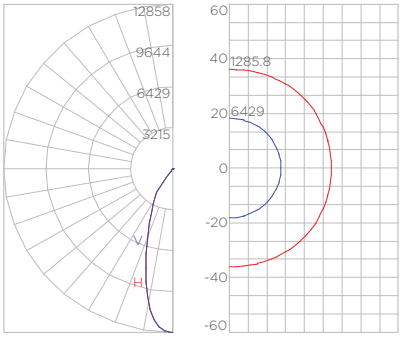
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	4.3′	163.8
15′	6.5′	72.81
20′	8.7′	41.0
25′	10.8′	26.2
30′	13.0′	18.2
35′	15.1′	13.4
40′	17.3′	10.2

Beam Distribution: 24.2°

35° Medium Flood



FELIX-LARGE-L30HO-35 - 10' AFG
BUG Rating: B4-U0-G0

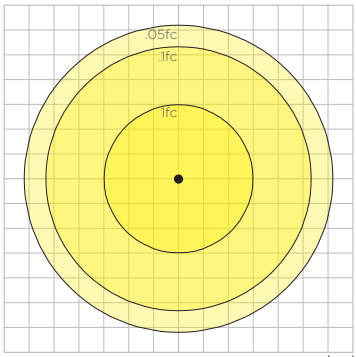


Max Candela = 12858, 50% = 6429, 10% = 1286
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

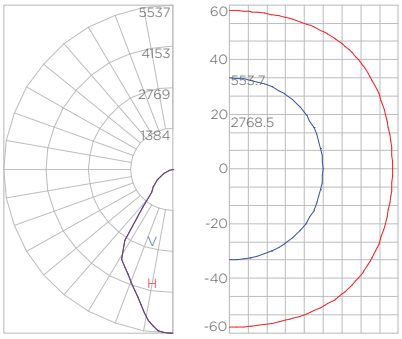
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	6.6′	128.6
15′	9.9′	57.2
20′	13.2′	32.2
25′	16.5′	20.6
30′	19.8′	14.3
35′	23.1′	10.5
40′	26.4′	8.0

Beam Distribution: 36.5°

70° Wide Flood



FELIX-LARGE-L30HO-70 - 10' AFG
BUG Rating: B3-U0-G



Max Candela = 5537, 50% = 2769, 10% = 554
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	13.2′	55.4
15′	19.8′	24.6
20′	26.4′	13.8
25′	33.0′	8.9
30′	39.6′	6.2
35′	46.2′	4.5
40′	52.8′	3.5

Beam Distribution: 66.8°

IES file download

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Felix Mini LED Floodlight Luminaire

FIXTURE TYPE: _____

PROJECT NAME: _____



SPECIFICATIONS:

CONSTRUCTION: Housing comprised of aluminum die castings with machined aluminum 6061-T6 mounting brackets.

ELECTRICAL: Powered by an intergral 120-277VAC constant current driver. Standard output is 13W. Optional 0-10V dimming with remote driver. Operating temperature of -4°F to 122°F.

OPTICAL SYSTEM: COB LED has solderless connections for field upgradability. Available in color temperature of 2700, 3000, 3500, and 4000K with >80 CRI standard. Optional >90 CRI. Optical reflectors available in 15°, 30°, 60°, and 70° beam distributions. Covered by clear tempered glass. Consult factory for additional color temperatures or lumen outputs.

FINISHES: All exterior aluminum parts are polyester powder coat painted to meet AAMA-2604 standards. See Structura's finish options for available standard finishes. Care and Maintenance

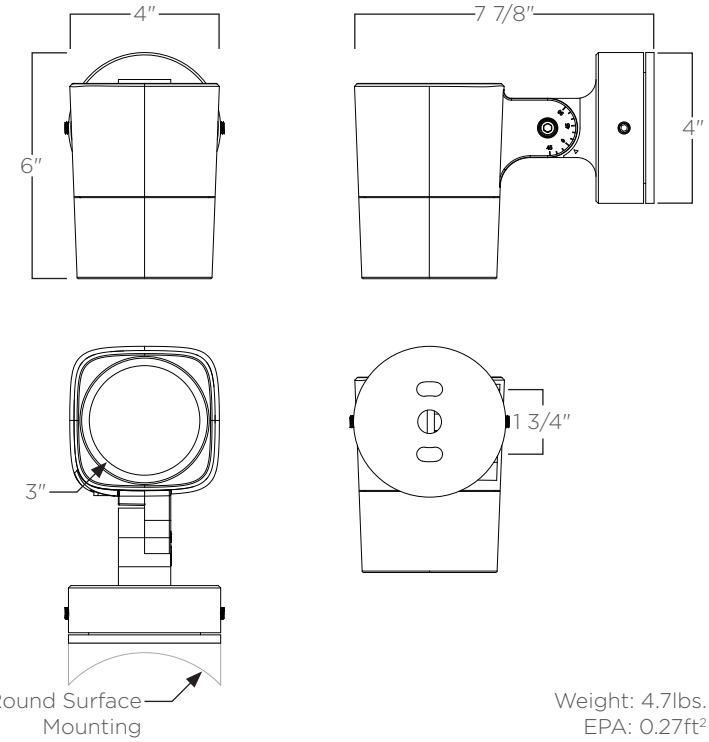
LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-21/UL Standard 1598, 5th edition. Suitable for wet locations. LM-80 test reported L70 > 66,000 hours. IP66 rated.

WARRANTY: 5-year warranty on LED and drivers.



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			Output at 3000K, 80CRI		
Output	Wattage	Optic	Lumen	Efficacy	Candela
SO	13	15	1572	119.1	10,309
SO	13	30	1589	120.5	3,785
SO	13	60	1596	121.0	1,776
SO	13	70	1490	113.1	1,155



Weight: 4.7lbs.
EPA: 0.27ft²

ORDERING GUIDE: EXAMPLE: FELIX-MINI-L27SO-20-C5-UNV-R/4-STD

FELIX	MINI								STD
1	2	3	4	5	6	7	8	9	10

1 Series
- **FELIX** Felix

2 Size
- **MINI** Mini

3 Color Temperature[1]
- **L27** 2700K
- **L30** 3000K
- **L35** 3500K
- **L40** 4000K

4 Output[1]
- **SO** Standard Output

5 Distribution
- **15** 15° Spot
- **30** 30° Narrow Flood
- **60** 60° Flood
- **70** 70° Wide Flood

6 Metal Finish
- **C*** See color options on finishes technical sheet
- **CSM** Custom Color

7 Voltage
- **UNV** 120-277V
- **REM** Remote 120-277V[2]

8 Mounting
- **F** Flat Surface
- **R/*** Round Surface/Diameter[3]
- **G** Galvin

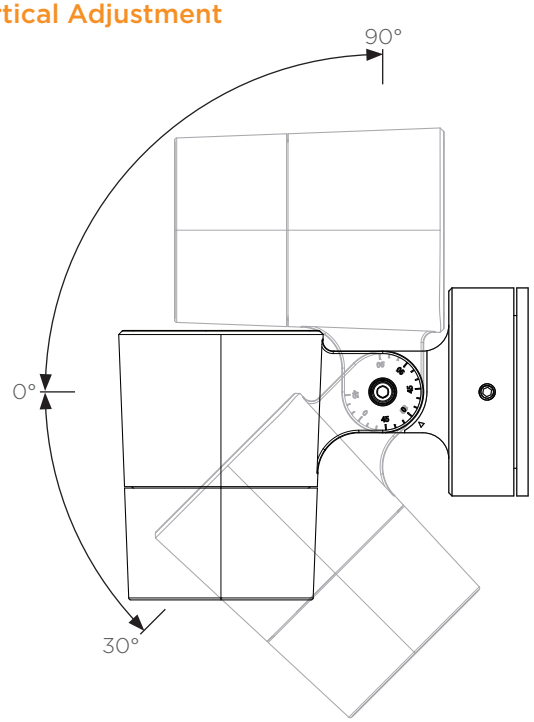
9 Option
- **90** >90 CRI[4]
- **BABA** BABA
- **HEX** Hexcell Louver

10 Special
- **STD** Standard

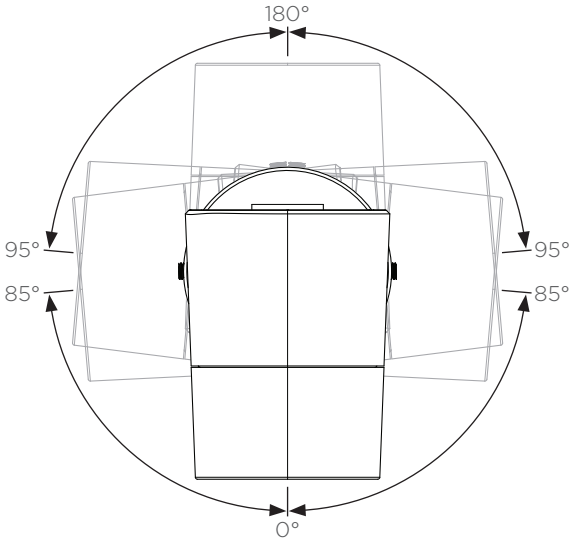
1. Contact factory for alternative color temperatures or output options.
2. Remote driver is required for 0-10V dimming controls.
3. Diametered specified in inches.
4. Standard CRI is >80.

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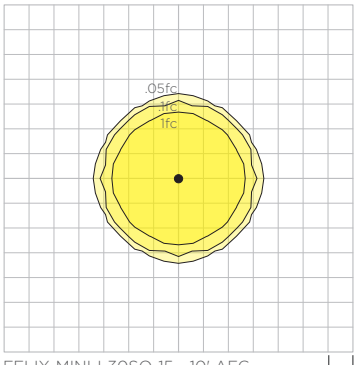
Vertical Adjustment



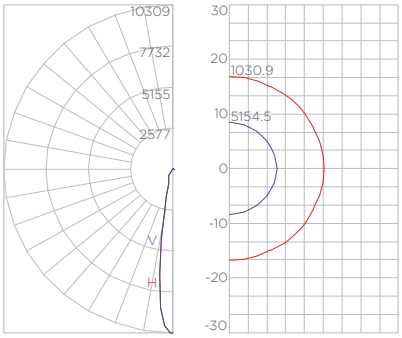
Axial Adjustment



15°Spot



FELIX-MINI-L30SO-15 - 10' AFG
BUG Rating: B2-U0-G0

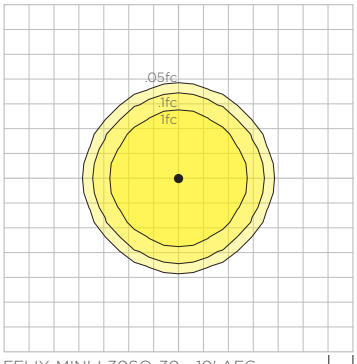


Max Candela = 10309, 50% = 5155, 10% = 1031
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

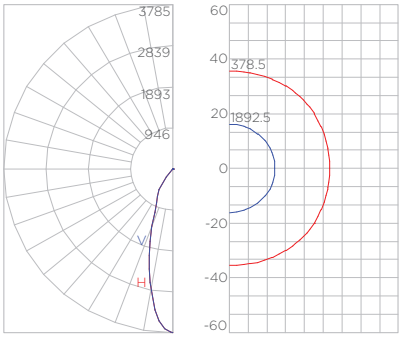
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	2.9′	103.1
15′	4.8′	45.8
20′	5.8′	25.8
25′	7.3′	16.5
30′	8.8′	11.5
35′	10.2′	8.4
40′	11.7′	6.4

Beam Distribution: 16.6°

30° Narrow Flood



FELIX-MINI-L30SO-30 - 10' AFG
BUG Rating: B2-U0-G0



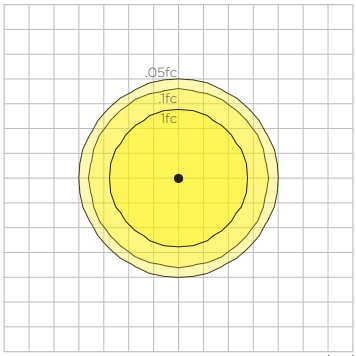
Max Candela = 3785, 50% = 1893, 10% = 379
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	5.8′	37.9
15′	8.7′	16.8
20′	11.6′	9.5
25′	14.5′	6.1
30′	17.4′	4.2
35′	20.3′	3.1
40′	23.2′	2.4

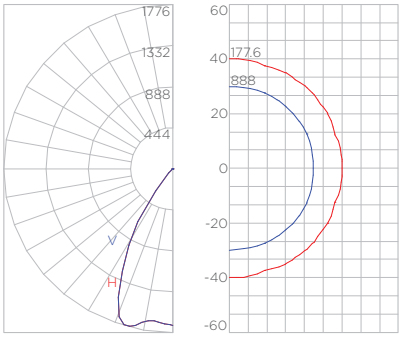
Beam Distribution: 32.3°

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60° Flood



FELIX-MINI-L30SO-60 - 10' AFG
BUG Rating: B2-U0-G0

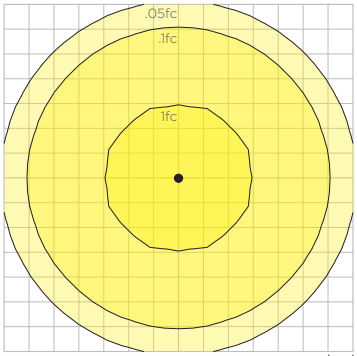


Max Candela = 1776, 50% = 888, 10% = 178
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

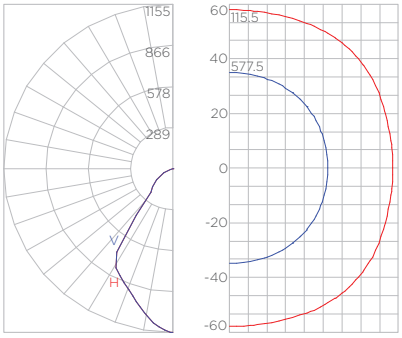
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	11.5′	17.0
15′	17.3′	7.5
20′	23.0′	4.2
25′	28.8′	2.7
30′	34.5′	1.9
35′	40.3′	1.4
40′	46.0′	1.1

Beam Distribution: 59.8°

70° Wide Flood



FELIX-MINI-L30SO-70 - 10' AFG
BUG Rating: B1-U0-G0



Max Candela = 1155, 50% = 578, 10% = 116
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	14.0′	11.6
15′	21.0′	5.1
20′	28.0′	2.9
25′	35.0′	1.9
30′	42.0′	1.3
35′	49.0′	0.9
40′	56.0′	0.7

Beam Distribution: 70.0°

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