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

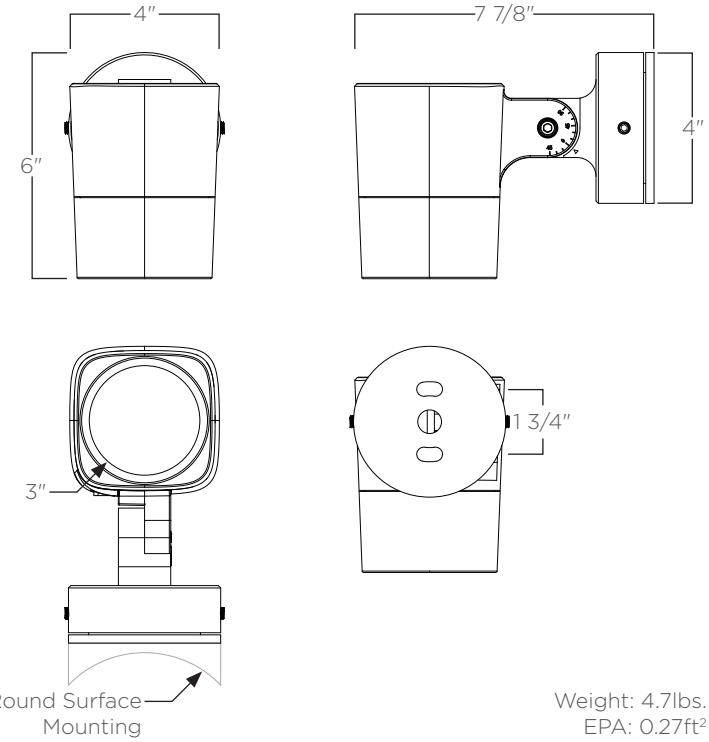
LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-21/UL Standard 1598, 5th edition. Suitable for wet locations. LM-80 test reported L70 > 66,000 hours. IP66 rated.

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

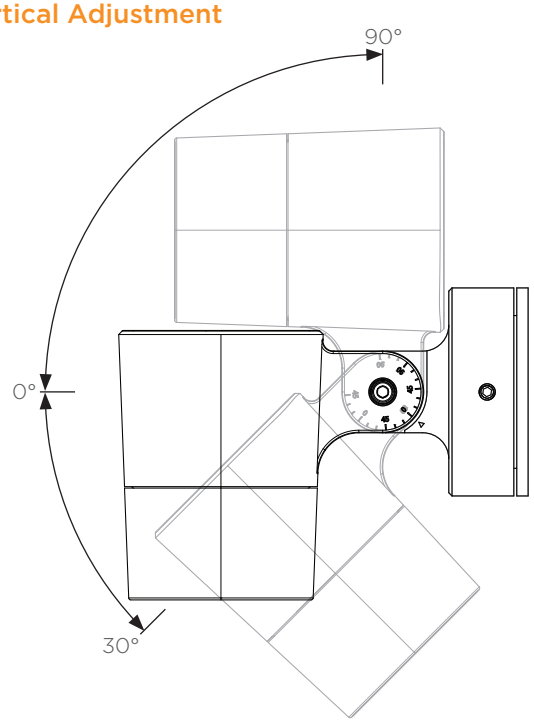
9 Option
- **90** >90 CRI[4]
- **BABA** BABA
- **HEX** Hexcell Louver

10 Special
- **STD** Standard

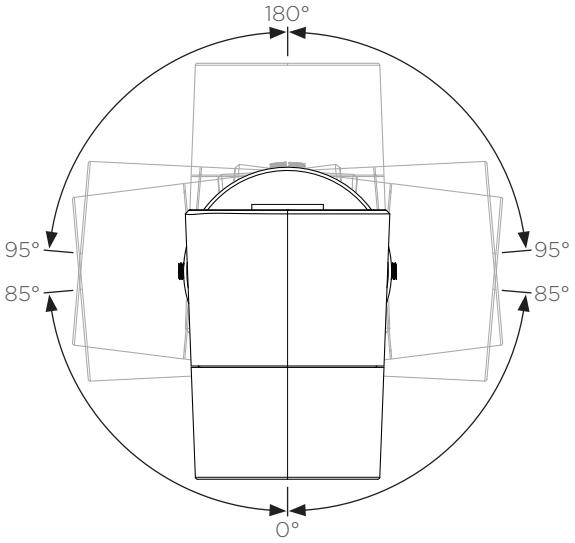
1. Contact factory for alternative color temperatures or output options.
2. Remote driver is required for 0-10V dimming controls.
3. Diametered specified in inches.
4. Standard CRI is >80.

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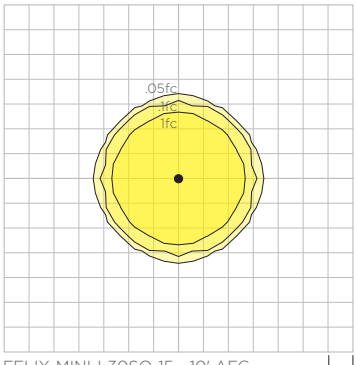
Vertical Adjustment



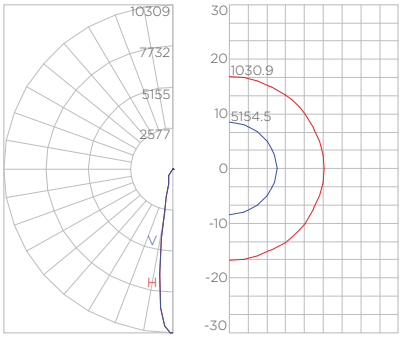
Axial Adjustment



15°Spot



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

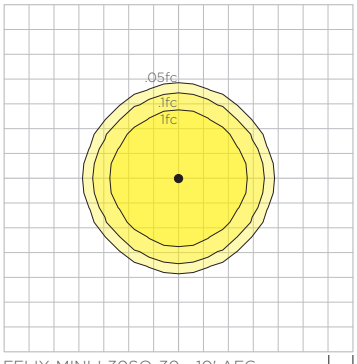


Max Candela = 10309, 50% = 5155, 10% = 1031
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

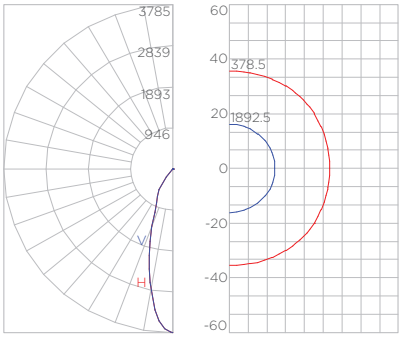
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	2.9′	103.1
15′	4.8′	45.8
20′	5.8′	25.8
25′	7.3′	16.5
30′	8.8′	11.5
35′	10.2′	8.4
40′	11.7′	6.4

Beam Distribution: 16.6°

30° Narrow Flood



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



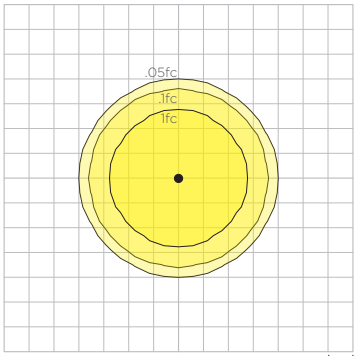
Max Candela = 3785, 50% = 1893, 10% = 379
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

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

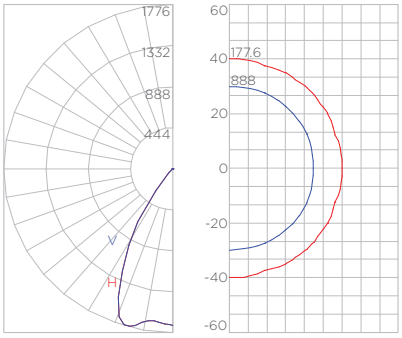
Beam Distribution: 32.3°

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60° Flood



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

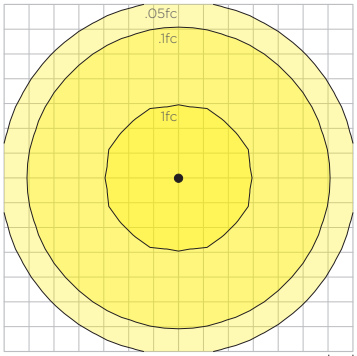


Max Candela = 1776, 50% = 888, 10% = 178
Located at horizontal angle = 0, veritcal angle = 0
H = horizontal axial; V = vertical axial

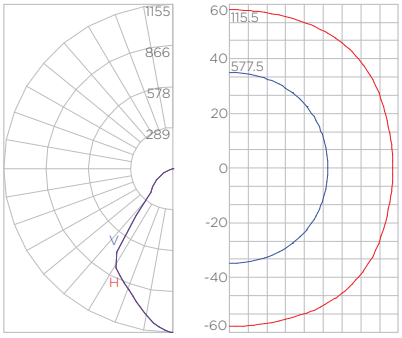
Intensity Distribution		
Height	Beam Diameter	Max Footcandles
10′	11.5′	17.0
15′	17.3′	7.5
20′	23.0′	4.2
25′	28.8′	2.7
30′	34.5′	1.9
35′	40.3′	1.4
40′	46.0′	1.1

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°

IES file download

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