



Exterior 1" Ground Mount Adjustable Cylinder



PROJECT:

Features

The FINCH family of cylinders with a 1" aperture, features exceptional output, flexibility, and a broad range of configurations to provide discreet quality illumination while integrating into the architecture. It is available in a fixed downlight, adjustable (with 50° tilt), wall mount and even exterior ground mount options. Whether installed on ceilings, walls/mullions or the ground, the FINCH family blends seamlessly into its surroundings.

The ground mount fixture, offers over 900 lumens for use in landscape applications. Fully sealed against the elements, this adjustable fixture includes a weatherproof tethered wiring box with the driver inside to make connections to a 12VAC landscape transformer (by others). This elegant cylinder offers a wide range of field replaceable optics to provide the desired effects. Also available are optional accessories like a hexcell louver or optical films.

Product Overview

Type:	Exterior Ground Mount, Adjustable
Wattage:	6W, 8W, 10W
Color Temp:	2400K, 2700K, 3000K, 3500K, 4000K
CRI:	80+ & 90+ typ.

TYPE:

Performance Data

Watts	Lumens	LPW	CCT	CRI
6	643	102.1	3000K	80+
8	787	93.7	3000K	80+
10	927	88.3	3000K	80+

Data is based on flood optics, 120V, 3000K, 80+ IES files available on website



PROJECT:
TYPE:

Fixture Example: FIN9X-GM.8.309.WF.BT.SBX.SOL

Exterior 1" Ground Mount Adjustable Cylinder Ordering Information

1	2	3	4	5	6	7
1 Model	2 Wattage	3 Color Temp and CRI	4 Beam Spreads	5 Body Finish	6 Door Style	7 Accessories
FIN3X-GM 3" FIN6X-GM 6" FIN9X-GM 9" FIN12X-GM 12" FIN18X-GM 18"	6 6W (643 lm) 8 8W (787 lm) 10 10W (927 lm)	30 3000K, 80+ 35 3500K, 80+ 40 4000K, 80+ 249 2400K, 90+ 279 2700K, 90+ 309 3000K, 90+ 359 3500K, 90+ 409 4000K, 90+	SP spot 15° FL flood 28° WF wide flood 35° VWF very wide flood 50°	TBK textured black SLV matte silver BLK matte black BRZ bronze DBZ dark bronze <i>For custom RAL finish, consult factory</i>	SBX standard bevel exterior VBX visor bevel exterior	SOL solite lens HEX hexocell louver LS linear spread lens

Specifications
Application

Exterior accent lighting

Construction

Extruded aluminum precision machined body, door & heatsink

Optical

TIR optics

 Beam Spreads: Spot 15°, Flood 28°, Wide Flood 35°,
 Very Wide Flood 50°

LED

Color Temp: 2400K, 2700K, 3000K, 3500K, 4000K

CRI: 80+ & 90+ typ.

R9 Values: 11 (83 CRI), 55 (92 CRI)

Binning: 3 MacAdam (SDCM)

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 6W, 8W, 10W

Drivers

12VAC input driver located in remote tethered junction box

Finish

Powder coat paint

Consult factory for custom finishes
Mounting

Ground (stake) mount

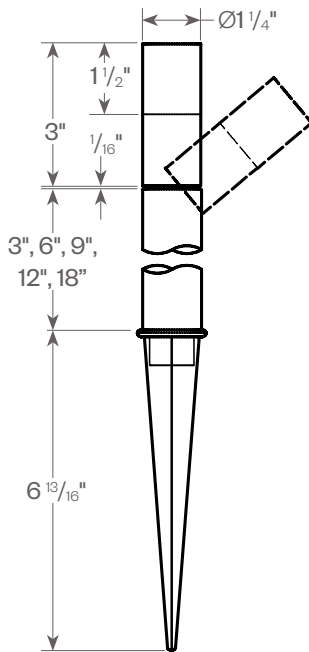
Certifications

CSA tested to UL standards

Wet location

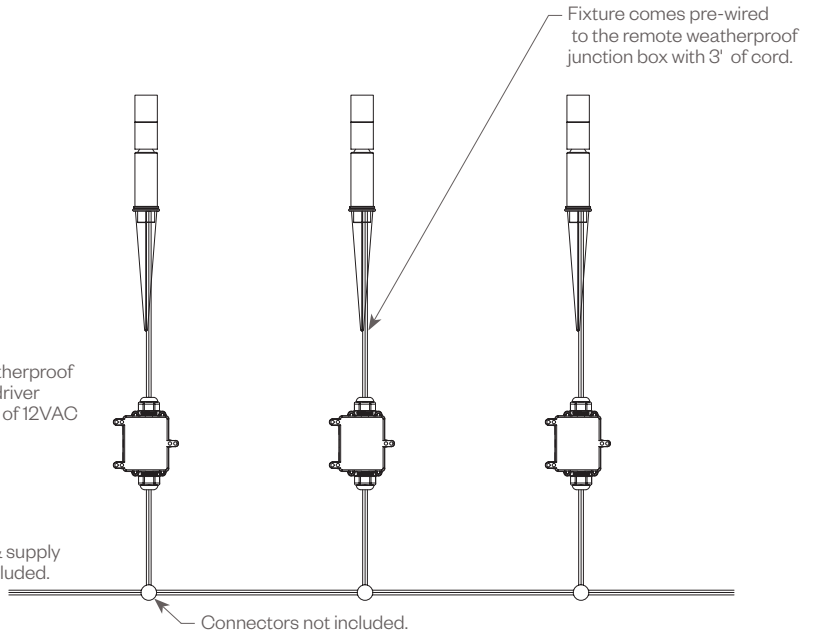
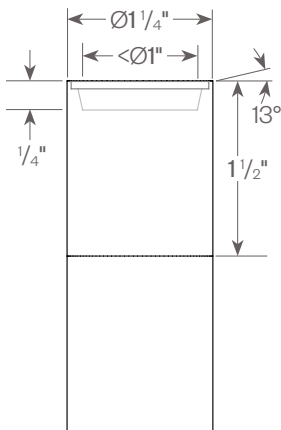
Warranty

5 year limited warranty

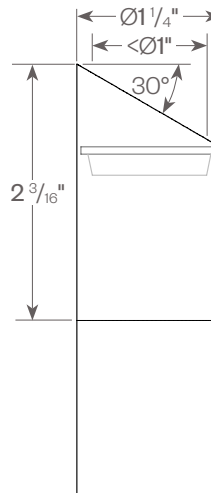
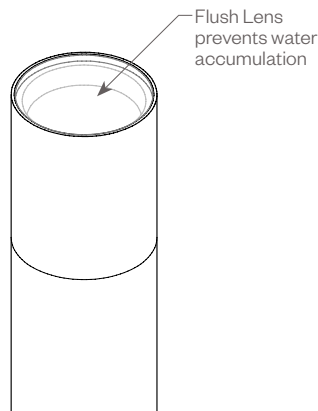
PROJECT:
TYPE:
FINxX-GM


The included weatherproof junction box with driver allows connection of 12VAC supply lines.

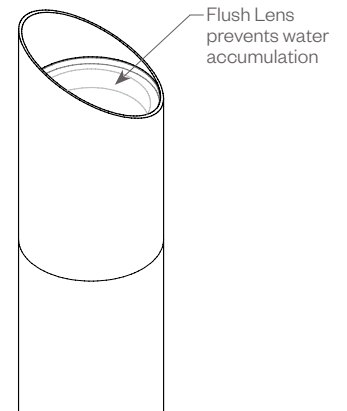
12VAC
Transformer & supply
wiring not included.


Door Styles


**Standard Bevel Exterior
(SBX)**



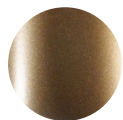
**Visor Bevel Exterior
(VBX)**


Finish Options

Powder coat paint.
Consult factory for custom finishes.



Matte Black



Bronze



Dark Bronze



Black Texture

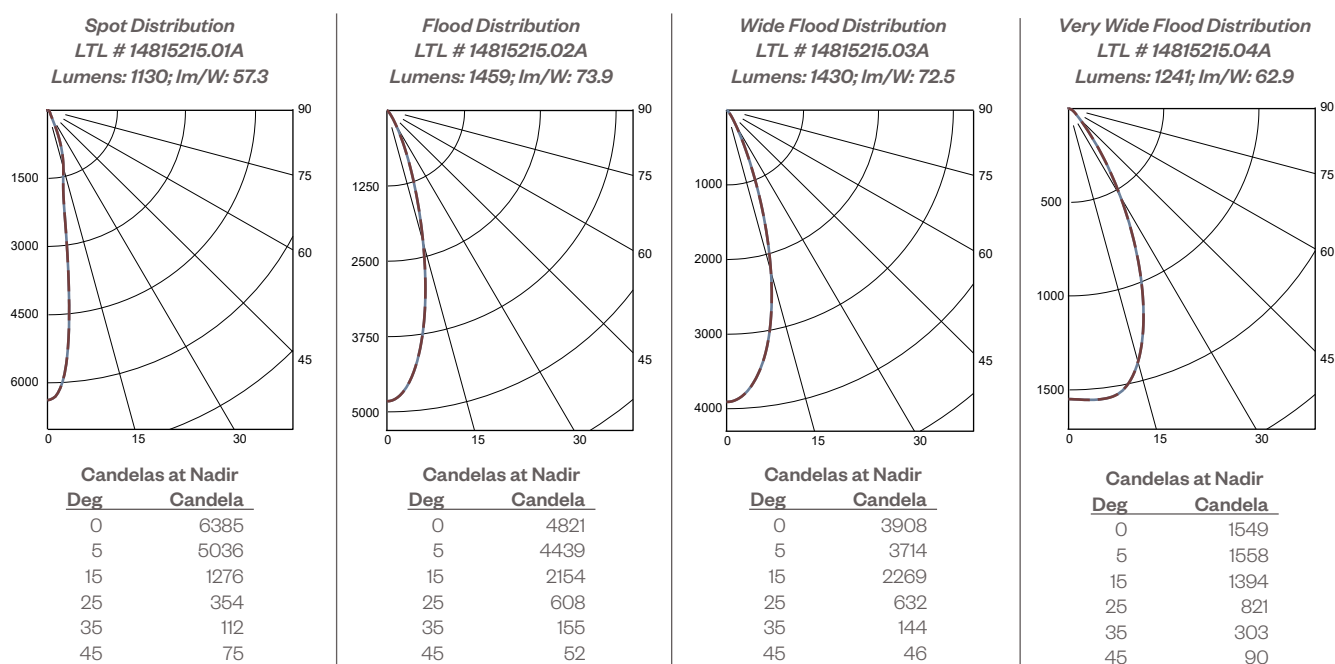
PROJECT:
TYPE:
Fixture Data
MULTIPLYING FACTORS:

Wattage:	6W	8W	10W	20W
Factor:	0.44	0.54	0.64	1.0

* Multiplying factors based on IES 20W tested fixture.
 20W is not available for this fixture type.

CCT:	3000K, 80+	3500K, 80+	4000K, 80+	2400K, 90+	2700K, 90+	3000K, 90+	3500K, 90+	4000K, 90+
Factor:	1.0	1.04	1.06	0.76	0.83	0.88	0.92	0.93

Multiplying Factor is based on 3000K, 80+ 120V IES file on website.

20W, 3000K, 80+

Application Data:
Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

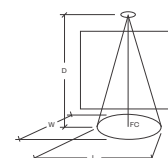
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).


W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



Spot


0° Aiming Angle
Horizontal
Footcandles



D	FC	L	W
5.0'	158	1.9	1.9
7.5'	91	2.5	2.5
10.0'	57	3.0	3.0
12.5'	38	3.5	3.5

Flood


0° Aiming Angle
Horizontal
Footcandles



D	FC	L	W
5.0'	178	2.6	2.6
7.5'	85	3.6	3.6
10.0'	49	4.7	4.7
12.5'	31	5.8	5.8

Wide Flood


0° Aiming Angle
Horizontal
Footcandles



D	FC	L	W
5.0'	138	3.0	3.0
7.5'	66	4.3	4.3
10.0'	38	5.6	5.6
12.5'	25	7.0	7.0

Very Wide Flood

0° Aiming Angle
Horizontal
Footcandles



D	FC	L	W
5.0'	61	4.2	4.2
7.5'	27	6.3	6.3
10.0'	16	8.4	8.4
12.5'	10	10.6	10.6