

PROJECT:
TYPE:
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.

This adjustable fixture includes a weatherproof, tethered enclosure with 12VAC driver. A 12VAC landscape transformer (*by others*), is required to power the fixture.

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.


FINxX-GM
Product Overview

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

Certifications

Fixture Summary
Performance Data

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

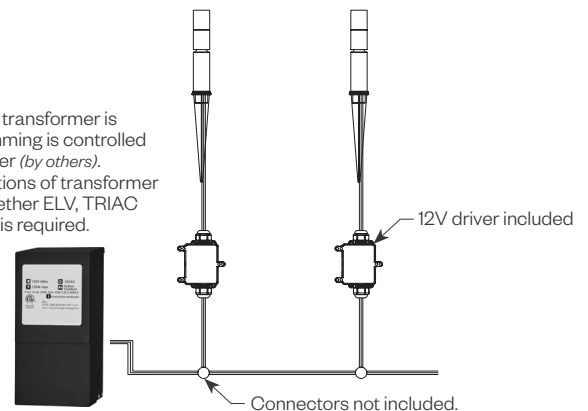
Data is based on flood optic, 3000K, 80+ 120V IES file available on website.

Power & Dimming

Fixtures require 12VAC landscape transformer (*by others*).

- Fully dimmable with electronic & magnetic transformers that are rated for dimming.
- Flicker free dimming.
- California Title 24 compliant.
- Fixture dims to approximately 10% with most dimmable transformers.

Separate 12VAC transformer is required and dimming is controlled by the transformer (*by others*). Check specifications of transformer to determine whether ELV, TRIAC or 0-10V control is required.



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Ordering Information

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

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.

Dimming

 Fixtures can be dimmed when powered by a dimmable 12VAC
 landscape transformer.

(See details on pg 1)

Finish

Powder coat paint

Consult factory for custom finishes.

Mounting

Ground (stake) mount

**Note: Due to the unique ball & socket construction the fixture is limited to a
 50° aiming angle from vertical (see pg 2 for more detail).**

Certifications

CSA tested to UL standards

Suitable for wet location

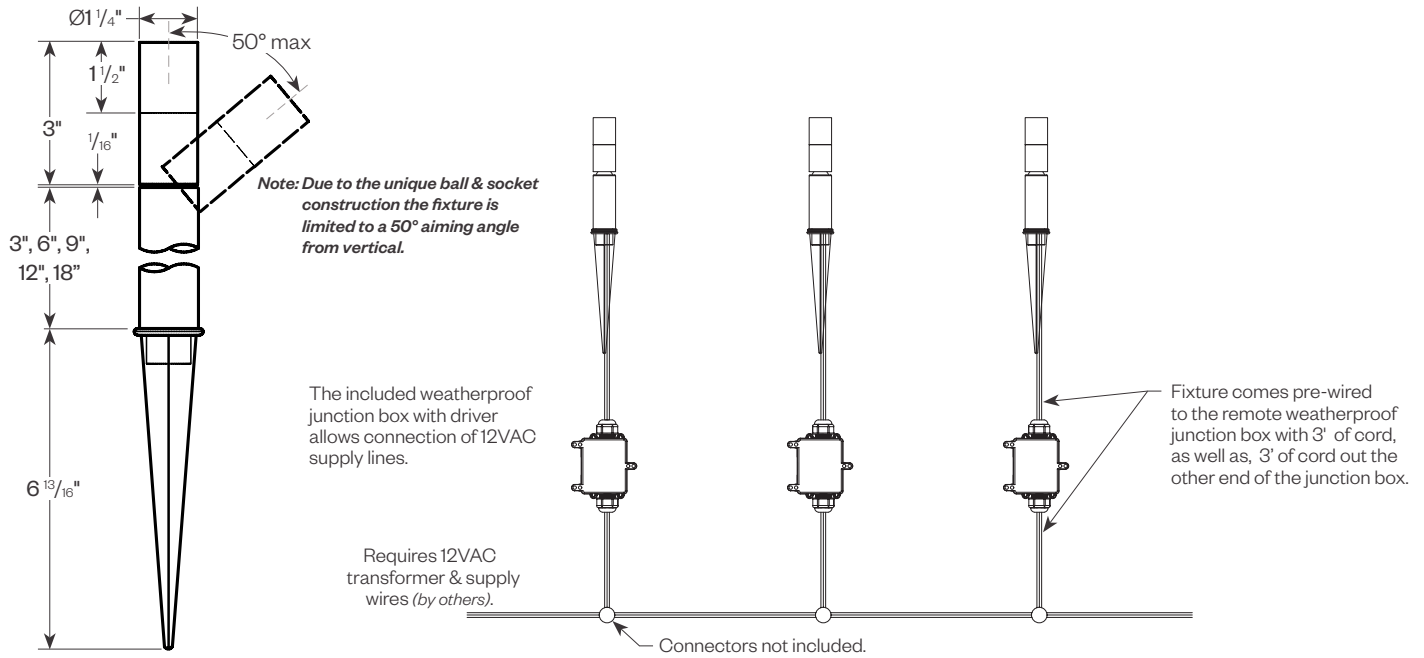
Warranty

5 year limited warranty

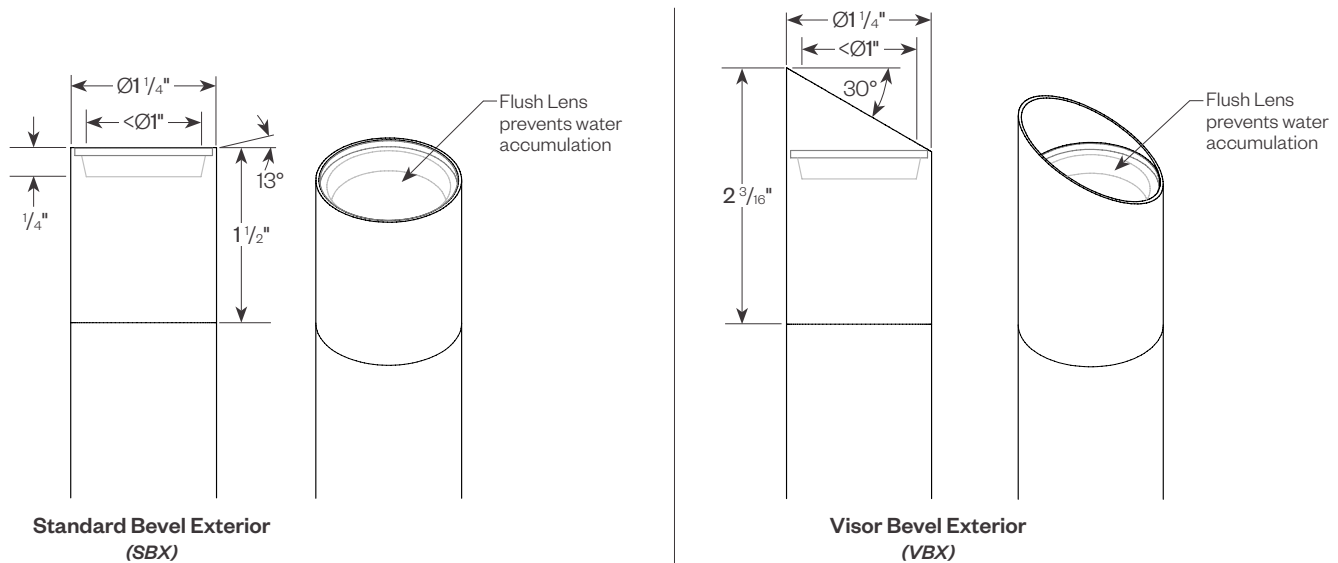
PROJECT:

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Product Details



Door Styles



Finishes

Powder coat paint.

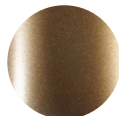
Consult factory for custom finishes.



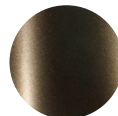
Textured Black



Matte Black



Bronze



Dark Bronze

PROJECT:
TYPE:

Performance Data

Multiplying Factors: (Multiplying Factor is based on 3000K, 80+, 120V IES file on website)

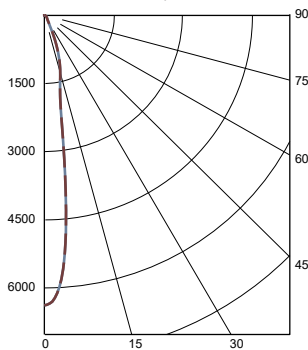
Wattage:	6W	8W	10W	20W*
Factor:	0.44	0.54	0.64	1.0

* 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

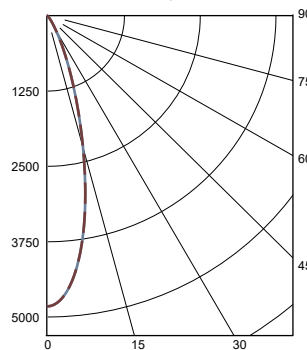
20W, 3000K, 80+

Spot Distribution
 LTL # 14815215.01A
 Lumens: 1130; lm/W: 57.3



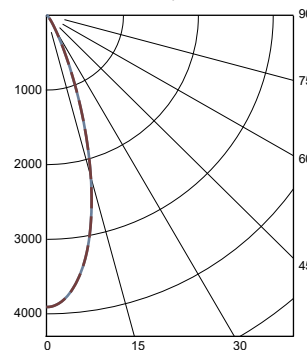
Candelas at Nadir	
Deg	Candela
0	6385
5	5036
15	1276
25	354
35	112
45	75

Flood Distribution
 LTL # 14815215.02A
 Lumens: 1459; lm/W: 73.9



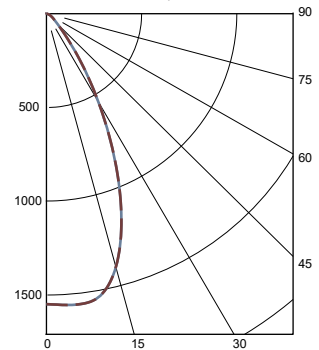
Candelas at Nadir	
Deg	Candela
0	4821
5	4439
15	2154
25	608
35	155
45	52

Wide Flood Distribution
 LTL # 14815215.03A
 Lumens: 1430; lm/W: 72.5



Candelas at Nadir	
Deg	Candela
0	3908
5	3714
15	2269
25	632
35	144
45	46

Very Wide Flood Distribution
 LTL # 14815215.04A
 Lumens: 1241; lm/W: 62.9



Candelas at Nadir	
Deg	Candela
0	1549
5	1558
15	1394
25	821
35	303
45	90

Application Data

Notes and Definitions:

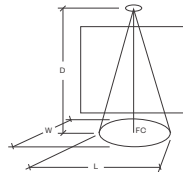
Beam spread is to 50% center beam candlepower (CBOP).

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).



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