FOG R 80 • FOG R 125 • FOG R 200
Surface Ceiling

designplan®

FOG R is a round outdoor ceiling or wall fixture that comes in a recessed or surface-mounted versions with 3 diameter sizes each offering resistance and longevity. The FOG R Surface-Ceiling version has cylindrical body and comes in 4 different finishes with diffuse optics.

TECHNICAL DATA

Wattage	6W, 14.5W, 22W
Power Supply	Remote 24VDC (FOG R 80) - See page 3 and 4 Remote 700mA (FOG R 125), 1050mA (FOG R 200)
Construction	Body: Die-Cast Aluminum Lens: Opal Tempered Glass
CCT	2700K, 3000K
BUG Rating	B0-U1-G0 (FOG R 80) B1-U1-G1 (FOG R 125, FOG R 200)
CRI	>90
Delivered Lumens	345 lm (FOG R 80 - 3000K) 950 lm (FOG R 125 - 3000K) 1500 lm (FOG R 200 - 3000K)
Efficacy	58 lm/W (FOG R 80) 54 lm/W (FOG R 125) 56 lm/W (FOG R 200)
Optics	Diffuse
Finishes	5 Standard, See Below
Fixture Dimensions	Ø3.39" x 3.03" (FOG R 80) Ø5.12" x 3.03" (FOG R 125) Ø8.07" x 3.03" (FOG R 200)
Lumen Maintenance	L80, B15 >60,000hrs (Ta 40°C)
Color Consistency	3-Step MacAdam
IP Rating	IP65
Impact Resistance	IK08

Fixture Dimensions - *see page 2*

ORDERING INFORMATION

Example: LNFG60POSDHBBZL.US. Power Supplies / Accessories ordered separately.

LNFG		D				. US

Model #	Size	Optics	CCT	Power	Finish	
LNFG	**50 POS** - FOG R 80 **60 POS** - FOG R 125 **80 POS** - FOG R 200	**D** - Diffuse	**Y** - 2700K **H** - 3000K	**B7Z** - Remote Driver (FOG R 80) **BBZ** - Remote Driver (FOG R 125) **BDZ** - Remote Driver (FOG R 200)	**L** - Graphite **V** - Oxide **U** - White **G** - Black **H** - Gray	US

Job Name/Date:

Fixture Type Designation:

FIXTURE DIMENSIONS

3.4"   3.0"

5.1"   3.0"

8.1"   3.0"

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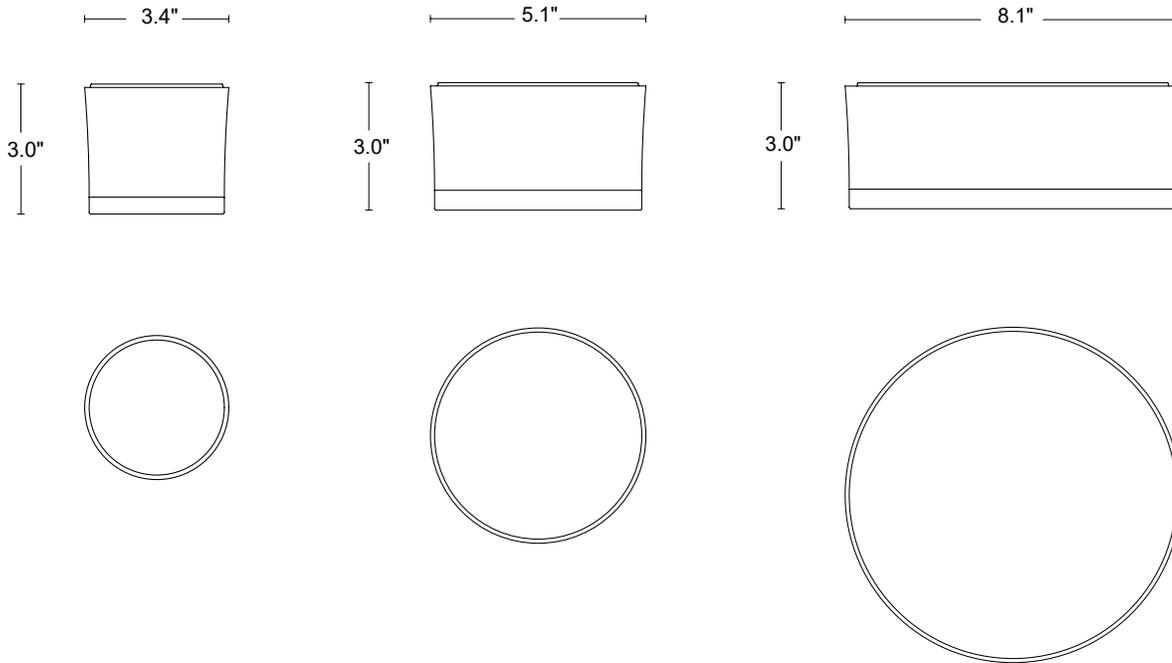
SUGGESTED POWER SUPPLIES

24VDC - FOG R 80 (6W)

Part Number	Description	Input/Output	# of Fixtures
PPLT00284	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-13
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	2-13

Suggested Lutron Compatible - FOG R 80 (6W)

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00273	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-5

700mA - FOG R 125 (14.5W)

Part Number	Description	Input/Output	# of Fixtures
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 700mA, 20W, Class 2, DAMP	1-1

Suggested Lutron Compatible - FOG R 125 (14.5W)

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00517	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 700mA, 27W, Class 2	1-1
PPLT00181	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 700mA, 38W, Class 2	2-2

1050mA - FOG R 200 (22W)

Part Number	Description	Input/Output	# of Fixtures
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 1050mA, 50W, Class 2, DAMP	1-2

Suggested Lutron Compatible - FOG R 200 (22W)

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00621	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 1050mA, 40W, Class 2	1-1

For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

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DRIVERS IN NEMA ENCLOSURE
Remote 24VDC - ELV / TRIAC / 0-10V

PPLT00715

Part Number	Description	Input/Output	# of Fixtures 6W
PPLT00715	ELV / TRIAC / 0-10V Dimming to 0.1%	120-277VAC to 24VDC, 96W, Class 2, WET/DAMP	1-12

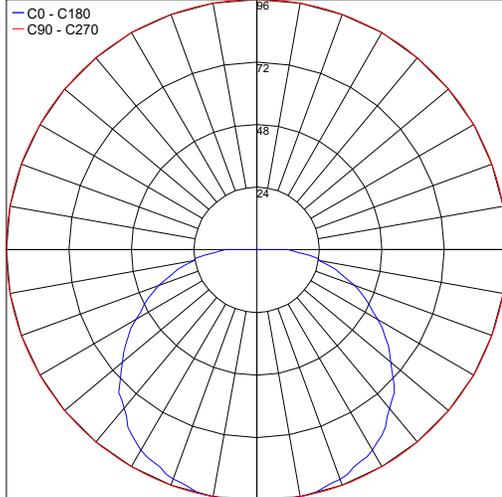*For other power supply options consult factory.*

Job Name/Date:

Fixture Type Designation:

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PHOTOMETRIC DATA

Note: All photometric data is 3000K

FOG R 80

Maximum Candela = 96

— C0 - C180
— C90 - C270

96
72
48
24

PHOTOMETRIC FILENAME : FOG 80 SURFACE FG50POSDXB7ZX.IES

FOG R 125

Maximum Candela = 275.7

— C0 - C180
— C90 - C270

276
207
138
69
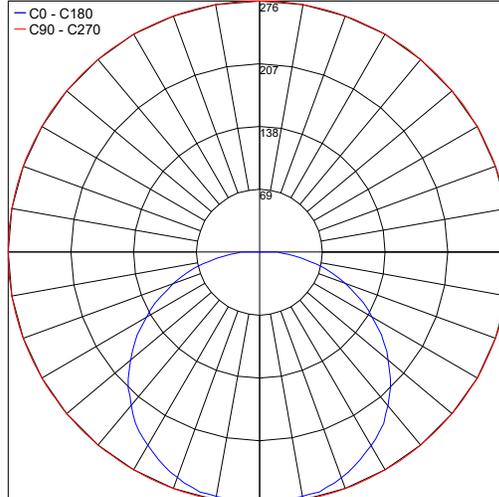
PHOTOMETRIC FILENAME : FOG 125 SURFACE FG60POSDXB10X.IES

FOG R 200

Maximum Candela = 452.4

— C0 - C180
— C90 - C270

452
339
226
113
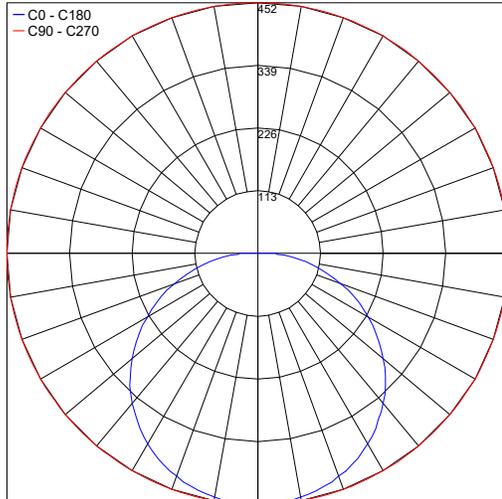
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Fixture Type Designation: