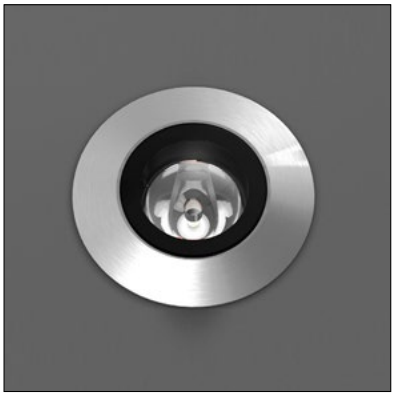
GEM PRO 1

datasheet

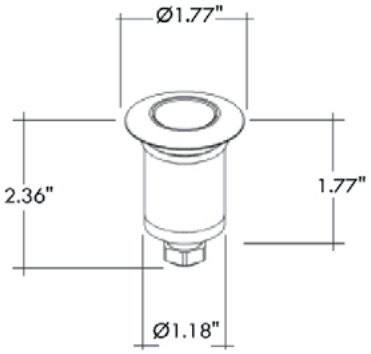
Gem Pro is a round, IP67-rated, recessed fixture with frame, suitable for installation in floors or walls, made to ensure durability and maximum resistance against atmospheric agents. Gem Pro 1 is the Ø1.6” aperture version offered in 3 static white color temperatures with various optics options.



TECHNICAL DATA

Wattage / Input	2.2W (Static - 700mA)
Power Supply	Remote, not included. See page 2.
Construction	Body: Anticorodal Aluminum, Stainless Steel Front Ring Nut: AISI 316L Stainless Steel Lens: PMMA (Acrylic) Diffuser: Extra Clear Glass Cable Length: 1.64’
CCT	2700K, 3000K, 4000K
BUG Rating	B0-U3-G0 (3000K)
Delivered Lumens	210 lm (3000K)
Efficacy	95.5 lm/W (3000K)
Optics	6 Standard, See Below
Finishes	3 Standard, See Below
Fixture Dimensions	Ø1.77” x 2.36” h
Aperture	Ø1.57”
Cutout Dimensions	Ø1.26”
Color Consistency	<3-Step MacAdam
IP Rating	IP67
Impact Resistance	IK10
Driveover Capacity	Up to 6614 lbs

Fixture Dimensions



ORDERING INFORMATION

Example: LM07.200001.US.16.CC.S5.B3. Accessories / Power Supplies ordered separately.

LM07.200001.US	.		.	CC	.		.	

Model No.	Finish	Technology	Optic	CCT
LM07.200001.US	**16** - 316 Stainless Steel **59** - Bronze Stainless Steel	**CC** - Remote Constant Current (see page 2)	**S4** - 12° Spot **S5** - 15° Spot **M1** - 20° Medium **M3** - 30° Medium **F4** - 55° Flood **H1** - Horizontal Elliptic 44°x12°	**B2** - 2700K **B3** - 3000K **B5** - 4000K

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

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SUGGESTED POWER SUPPLIES

700mA - Static White (2W)

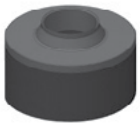
Part Number	Description	Input/Output	# of Fixtures
PPLT00537	Non-Dim	120-277VAC to 700mA, 4W, Class 2	1-1
PPLT00470	Phase Dim (120V only)	120VAC to 700mA, 14W, Class 2	3-6
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 700mA, 20W, Class 2, DAMP	1-9
PPLT00261	Leading/Trailing Edge Dimming to 10% (120V only)	120VAC to 700mA, 32W, Class 2	7-14
PPLT00561-P	0-10V Dimming to 0.1%	120-277VAC to 700mA, 100W, Class 2	2-18

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00515	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ OR 1% 3-Wire LED Driver	120-277VAC to 700mA, 14W, Class 2	3-6
PPLT00635	PEQE	PEQ0	100%-0.1%	Hi-Lume™ Premier 0.1% EcoSystem™ Fade to Black	120-277VAC to 700mA, 20W, Class 2	4-9
PPLT00517	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ OR 1% 3-Wire LED Driver	120-277VAC to 700mA, 27W, Class 2	5-12
PPLT00181	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ OR 1% 3-Wire LED Driver	120-277VAC to 700mA, 38W, Class 2	10-17

For other power supply options consult factory.

ACCESSORIES - Installation



LM20.104128
Outer Casing IP20
Size Ø3.54" x 3.35" h
Hole Ø1.26"



LM20.104290
Spring for installing on wall or ceiling in plasterboard.

Job Name/Date:

Fixture Type Designation:

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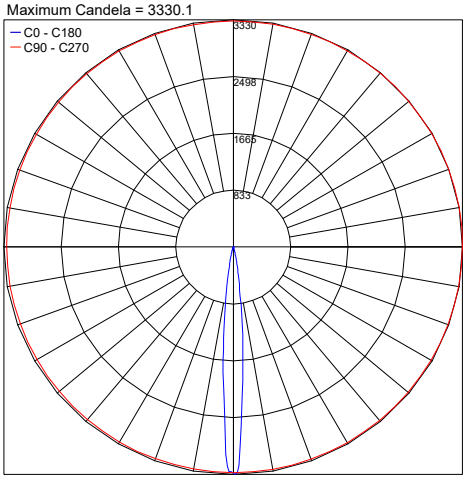
PHOTOMETRIC DATA

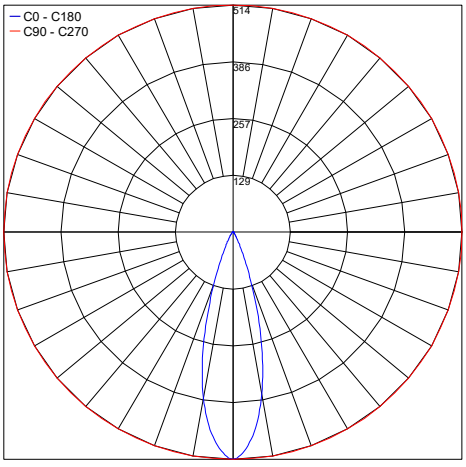
Note: All photometric data is 3000K

Maximum Candela = 3330.1



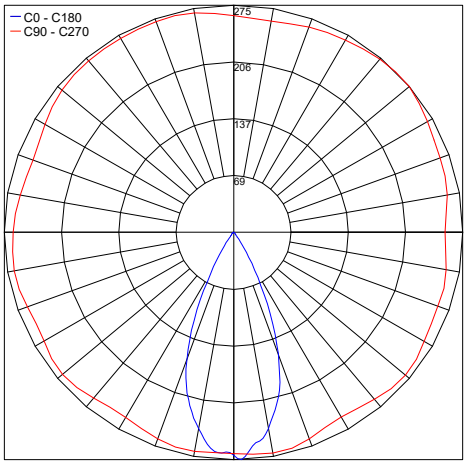
PHOTOMETRIC FILENAME : GEM PRO 1 SP 07.104034.XX.SP.BP.IES

Maximum Candela = 514.1



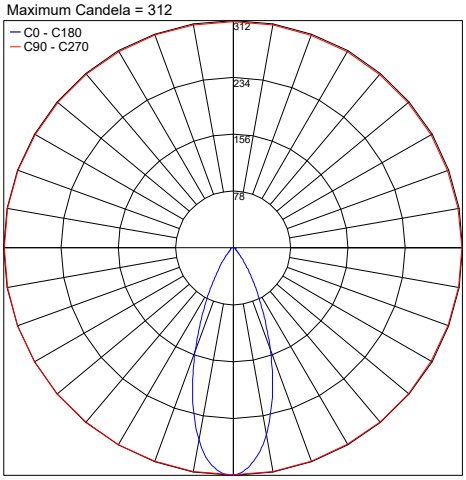
PHOTOMETRIC FILENAME : GEM PRO 1 MD 07.104034.XX.MD.BP.IES

Maximum Candela = 274.6



PHOTOMETRIC FILENAME : GEM PRO 1 FL 07.104034.XX.FL.BP.IES

Maximum Candela = 312



PHOTOMETRIC FILENAME : GEM PRO 1 HE 07.104034.XX.HE.BP.IES

Job Name/Date:

Fixture Type Designation:

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