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BROOKLYN • NY

GEOMETRIC SERIES - GSHP

Rev. Date: 11/25/2026

Project:	Type:
	Comments:



Highlights

The TechoLED Geometric Series combines clean geometric forms with versatile LED illumination for modern architectural interiors. Crafted from high grade aluminum, the collection includes circular, rounded square, and hexagonal luminaires in a range of sizes and finishes, from standard colors to custom shades and faux wood. Pendant and surface mounting options, multiple lumen outputs, and a wide selection of color temperatures and controls offer the flexibility to create individual focal points or coordinated lighting arrangements.

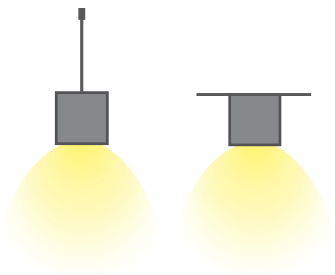
LED: Samsung LED chips, 2700-5000K, Tunable white and RGB/W available, 90CRI

Optical: Direct, Indirect and Direct/Indirect ilumination, 115° Beam angle

Construction: High grade aluminum extrusion, PMMA diffuser

5-year limited warranty

Installation



Pendant (P)

Surface Mount (SM)

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Configuration Example

Model #	Distribution	Diameter	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-GSHP-D-18-LO-30-U-W	Direct	18.9"x16.4"	Low	3000K	100-277V	White

Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

1-FIXTURE ID		2-DISTRIBUTION		3-DIAMETER		4-LUMEN OUTPUT	
GSHP	Hexagon GP	D	Direct	18	18.9"x16.4"	LO	Low
		ID	Indirect	23	23.6"x20.5"	ME	Medium
		DI	Direct/Indirect	35	35.4"x30.7"	HI	High
		X	None	47	47.2"x40.9"	X	None

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-ACOUSTIC FELT FINISH
27	2700K	U	110-277V	W	White	
30	3000K	HV	347V	B	Black	
35	3500K			C	Custom (RAL#)	
40	4000K					
50	5000K					
DT	Lutron T-series					
X	None					
RGB	RGB					
RGBW	RGBW					
D	Tunable White					

9-MOUNTING		10-DRIVER OPTIONS		11-OPTIONS		12-OPTIONS (CONT.)
SM	Surface Mount	DM	0-10V Dimming	RF-D	Remote Tunable (RF only)	
P	Pendant	2C	2 Channel	RF-R	Remote RGB/W (RF only)	
		DM1%	1% Dimming	M	Motion Sensor (remote)	
		LT1	LDE1 Lutron 1%	BM	BubblyNet BT Mesh	
		DA	Dali	CS	Casambi	
		DMX	DMX	AWNR	Lutron Athena Node	
		TR	Triac Dimming	AWNS	Lutron Athena Node sensor	
		RF	RF Wireless	NL-ES7	nLight - Wired	
		X	None	NL-AIR	nLight - AIR	
				NL-M	nLight - Module only	
				X	None	

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Project:	Type:
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Fixture ID Details

Code	Description
GSHP	Hexagon Panel

Lumen Output Details

Direct

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-GSHP-D-18-LO-30	18.9"x16.4"	Low	3000K	20W	1700Lm
TECHOLED-GSHP-D-18-ME-30	18.9"x16.4"	Medium	3000K	25W	2125Lm
TECHOLED-GSHP-D-18-HI-30	18.9"x16.4"	High	3000K	40W	3400Lm
TECHOLED-GSHP-D-23-LO-30	23.6"x20.5"	Low	3000K	25W	2125Lm
TECHOLED-GSHP-D-23-ME-30	23.6"x20.5"	Medium	3000K	40W	3400Lm
TECHOLED-GSHP-D-23-HI-30	23.6"x20.5"	High	3000K	60W	5100Lm
TECHOLED-GSHP-D-35-LO-30	35.4"x30.7"	Low	3000K	60W	5100Lm
TECHOLED-GSHP-D-35-ME-30	35.4"x30.7"	Medium	3000K	90W	7650Lm
TECHOLED-GSHP-D-35-HI-30	35.4"x30.7"	High	3000K	120W	10200Lm
TECHOLED-GSHP-D-47-LO-30	47.2"x40.9"	Low	3000K	120W	10200Lm
TECHOLED-GSHP-D-47-ME-30	47.2"x40.9"	Medium	3000K	180W	15300Lm
TECHOLED-GSHP-D-47-HI-30	47.2"x40.9"	High	3000K	240W	20400Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Direct/Indirect

Model #	Diameter	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-GSHP-DI-18-LO-30	18.9"x16.4"	Low	3000K	40W	2380Lm	1020Lm
TECHOLED-GSHP-DI-18-ME-30	18.9"x16.4"	Medium	3000K	50W	2975Lm	1275Lm
TECHOLED-GSHP-DI-18-HI-30	18.9"x16.4"	High	3000K	80W	4760Lm	2040Lm
TECHOLED-GSHP-DI-23-LO-30	23.6"x20.5"	Low	3000K	50W	2975Lm	1275Lm
TECHOLED-GSHP-DI-23-ME-30	23.6"x20.5"	Medium	3000K	80W	4760Lm	2040Lm
TECHOLED-GSHP-DI-23-HI-30	23.6"x20.5"	High	3000K	120W	7140Lm	3060Lm
TECHOLED-GSHP-DI-35-LO-30	35.4"x30.7"	Low	3000K	80W	4760Lm	2040Lm
TECHOLED-GSHP-DI-35-ME-30	35.4"x30.7"	Medium	3000K	120W	7140Lm	3060Lm
TECHOLED-GSHP-DI-35-HI-30	35.4"x30.7"	High	3000K	180W	10710Lm	4590Lm
TECHOLED-GSHP-DI-47-LO-30	47.2"x40.9"	Low	3000K	180W	10710Lm	4590Lm
TECHOLED-GSHP-DI-47-ME-30	47.2"x40.9"	Medium	3000K	220W	13090Lm	5610Lm
TECHOLED-GSHP-DI-47-HI-30	47.2"x40.9"	High	3000K	240W	14280Lm	6120Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

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Project:	Type:
	Comments:

Indirect

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-GSHP-ID-18-LO-30	18.9"x16.4"	Low	3000K	20W	1700Lm
TECHOLED-GSHP-ID-18-ME-30	18.9"x16.4"	Medium	3000K	25W	2125Lm
TECHOLED-GSHP-ID-18-HI-30	18.9"x16.4"	High	3000K	40W	3400Lm
TECHOLED-GSHP-ID-23-LO-30	23.6"x20.5"	Low	3000K	25W	2125Lm
TECHOLED-GSHP-ID-23-ME-30	23.6"x20.5"	Medium	3000K	40W	3400Lm
TECHOLED-GSHP-ID-23-HI-30	23.6"x20.5"	High	3000K	60W	5100Lm
TECHOLED-GSHP-ID-35-LO-30	35.4"x30.7"	Low	3000K	60W	5100Lm
TECHOLED-GSHP-ID-35-ME-30	35.4"x30.7"	Medium	3000K	90W	7650Lm
TECHOLED-GSHP-ID-35-HI-30	35.4"x30.7"	High	3000K	120W	10200Lm
TECHOLED-GSHP-ID-47-LO-30	47.2"x40.9"	Low	3000K	120W	10200Lm
TECHOLED-GSHP-ID-47-ME-30	47.2"x40.9"	Medium	3000K	180W	15300Lm
TECHOLED-GSHP-ID-47-HI-30	47.2"x40.9"	High	3000K	240W	20400Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Performance

Output	Lumens / W
Low	85
Medium	85
High	85

Project:	Type:
	Comments:

Driver Option Details

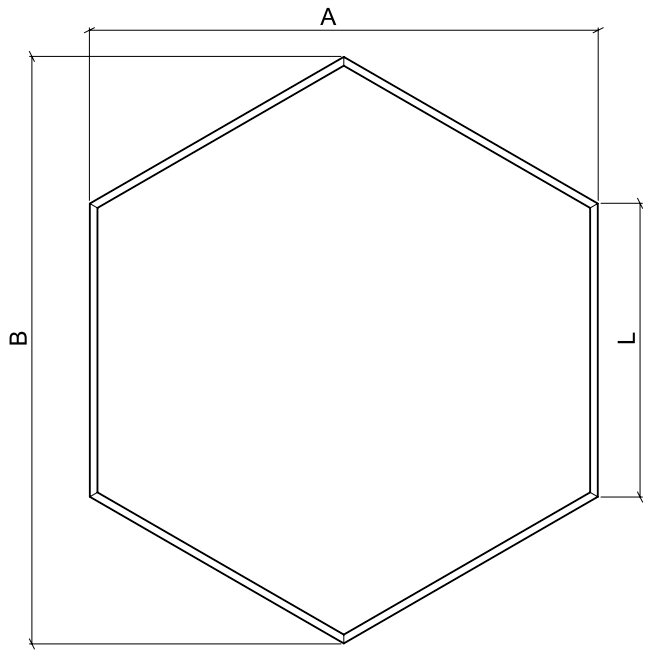
Code	Description
LT1	**LDE1** -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	**DALI**
DMX	**DMX** - Decoder provided by TechoLED, controller by others

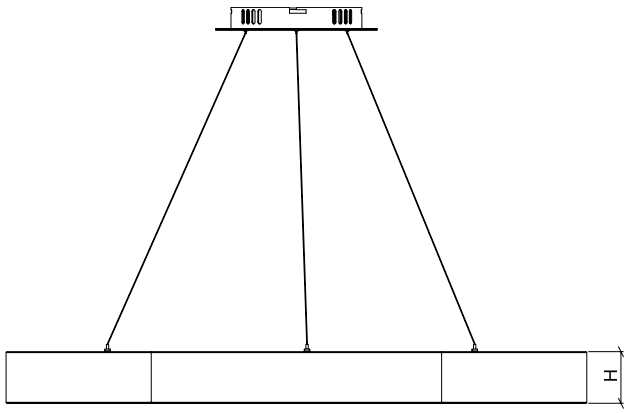
Controls Details

Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by BubblyNet
CS	**Bluetooth Mesh** Smart Wireless Control by Casambi
AWNR	**Lutron Athena** wireless node
AWNS	**Lutron Athena** wireless node with sensor
NL-ES7	**Acuity nLight** – Wired nES7 sensor
NL-AIR	**Acuity nLight** – AIR wireless rES7 sensor
NL-M	**Acuity nLight** - ready, sensor by others

Project:	Type:
	Comments:

Dimensions and Mounting



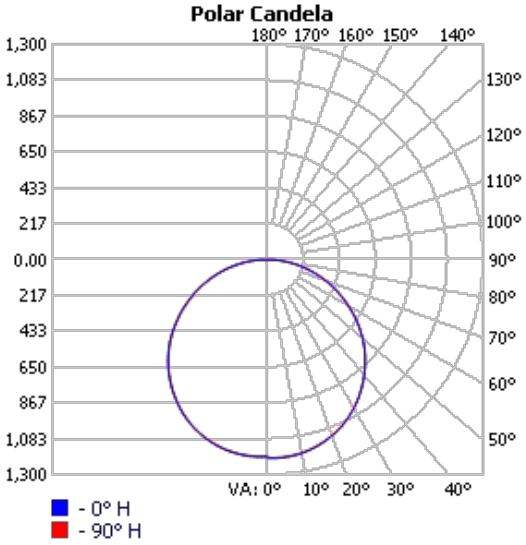


FIXTURE ID	A	B	L	H
GSHP-D-18-25	16.4"	18.9"	9.45"	3"
GSHP-D 23-40	20.5"	23.6"	11.8"	3"
GSHP-D-35-90	30.7"	35.4"	17.7"	3"
GSHP-D-47-180	40.9"	47.2"	23.6"	3"

Project:	Type:
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Photometrics

Direct



Project:	Type:
	Comments:

Examples



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Finish Details (powder coat finish)

Standard Colors

W – White

S – Silver

B – Black

Custom Colors

RAL 1003

RAL 2004

RAL 3000

RAL 4001

RAL 5002

RAL 6000

RAL 6038

RAL 7001

RAL 1036

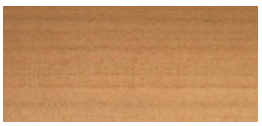
RAL 8029

Any RAL color available, please refer to ralcolorchart.com

Custom Wooden Colors



American Walnut



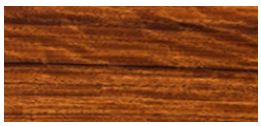
Cherry



Maple



Light Oak



Palisander Santos