

CHRIST MORAVIAN CHURCH

SARAH K. LEMLEY

FACS 442-LIGHTING | SPRING 2021



LEMLEY HOME
interiors

DESIGN STATEMENT

As a Moravian church with a large sanctuary space and tall ceilings, it is important that the lighting plan would both highlight the worshipful atmosphere and serve those individuals using the space in functional, practical ways. In terms of emphasis of theme, Moravian star chandeliers are used throughout the sanctuary to provide general and decorative lighting to the main seating areas. General lighting is also addressed in the classrooms through LED troffer lights. In addition to this, task lighting is utilized through hanging pendants over the main sanctuary aisle.

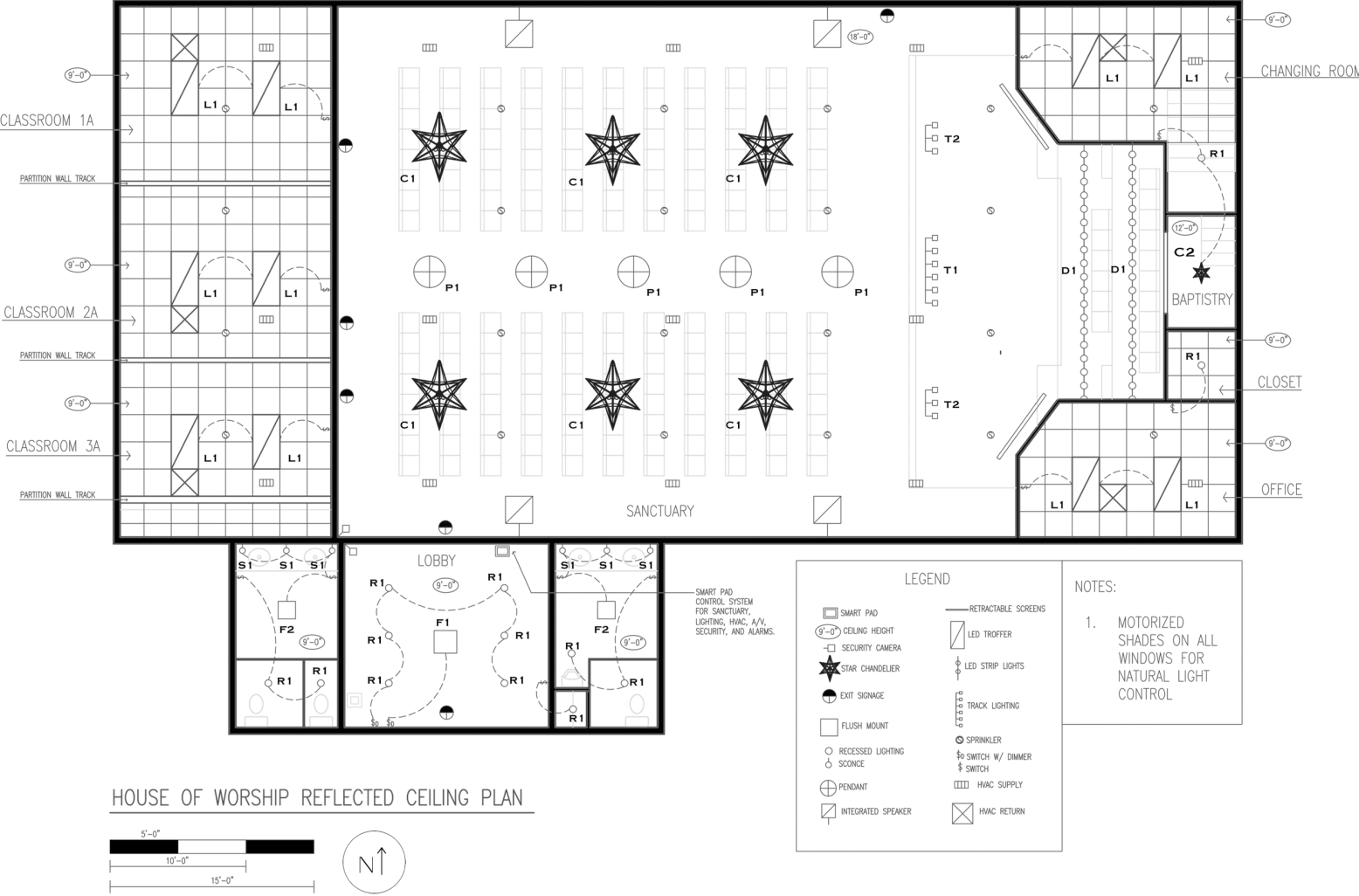
Mirroring the sanctuary chandeliers, the baptistry is accented by another Moravian star pendant. Safety illumination is addressed through exit signage and LED lighting along the rows of the choir seating. Natural light is to be controlled through motorized shades on all windows.

The sanctuary lighting is to be controlled through the conveniently located smart pad in the lobby. Both functionally and aesthetically pleasing, the proposed lighting plan of Christ Moravian Church creates a place of reflection, worship, and community.



LEMLEY HOME

interiors



Item # CHC 5213AI-AM

Designer: Chapman & Myers

Height: 52.25"

Width: 48"

Canopy: 6" Round

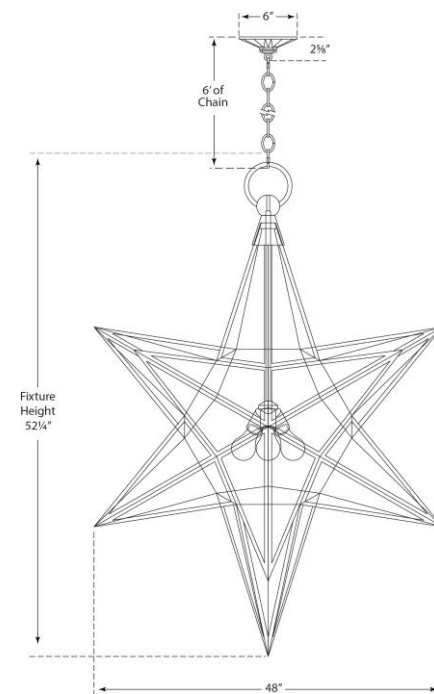
Finishes: AI, BSL, GI

Glass Options: AM

Socket: 3 - E26 Keyless

Wattage: 3 - 60 A

©EFC DESIGNS



SPEC SHEET

Moravian Medium Star Lantern

Item # CHC 5211AI-AM

C2

Designer: Chapman & Myers

Height: 19.75"

Width: 18"

Canopy: 6" Round

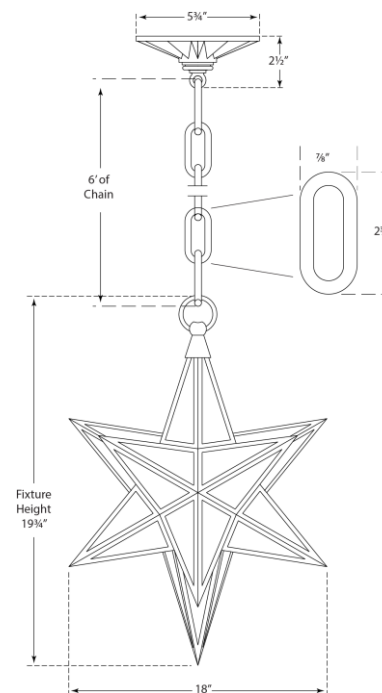
Finishes: AI, BSL, GI

Glass Options: AM

Socket: E26 Keyless

Wattage: 75 A

©EFC DESIGNS



	NON-WATERPROOF	WATER RESISTANT	WATERPROOF
Dimensions	5/16" (8mm) wide 1/16" (2mm) thick 16.4' (5M) long	5/16" (8mm) wide 1/8" (2.6mm) thick 16.4' (5M) long	7/16" (11mm) wide 3/16" (4mm) thick 16.4' (5M) long
Distance Between LEDs	1/4" (5.5mm)	1/4" (5.5mm)	1/4" (5.5mm)
Cut Length	12VDC: 1" (25.4mm) 24VDC: 2" (50.8mm)	12VDC: 1" (25.4mm) 24VDC: 2" (50.8mm)	12VDC: 1" (25.4mm) 24VDC: 2" (50.8mm)
IP Rating	IP20 Indoor Use, Dry Location	IP65 Splash Resistant	IP68 Submersible
Adhesive Backing	Yes / 3M Adhesive	Yes / 3M Adhesive	No
Mounting Method	Adhesive Backing	Adhesive Backing	Mounting Straps or Adhesive Caulk
Input Voltage	12VDC or 24VDC	12VDC or 24VDC	12VDC or 24VDC
Beam Angle	120 Degrees	120 Degrees	120 Degrees
Dimmable	Yes	Yes	Yes
Max Power Consumption	2.92 Watts per foot (9.6 Watts per meter)	2.92 Watts per foot (9.6 Watts per meter)	2.92 Watts per foot (9.6 Watts per meter)
Max Luminous Flux	Up to 312 Lumens per foot (varies by LED color)	Up to 312 Lumens per foot (varies by LED color)	Up to 312 Lumens per foot (varies by LED color)
LED Color	Soft White, Warm White, Neutral White, DayWhite (formerly Cool White), Blue, Green, Red, Yellow	Soft White, Warm White, Neutral White, DayWhite (formerly Cool White), Blue, Green, Red, Yellow	Soft White, Warm White, Neutral White, DayWhite (formerly Cool White), Blue, Green, Red, Yellow
Color Temperature	Soft White = 2700K Warm White = 3000K Neutral White = 4000K DayWhite = 6000K	Soft White = 3500K Warm White = 3800K Neutral White = 4900K DayWhite = 7000K	Soft White = 3500K Warm White = 3800K Neutral White = 4900K DayWhite = 7000K
LED Type	SMD 3528 LED Chips	SMD 3528 LED Chips	SMD 3528 LED Chips
LED Quantity	36 LEDs per foot (600 per reel)	36 LEDs per foot (600 per reel)	36 LEDs per foot (600 per reel)
Max Run	16.4 feet @ 12VDC 32 feet @ 24VDC	16.4 feet @ 12VDC 32 feet @ 24VDC	16.4 feet @ 12VDC 32 feet @ 24VDC
Weight	0.4 lbs per reel	0.6 lbs per reel	1.0 lbs per reel
Estimated Lifespan	50,000 hours	50,000 hours	50,000 hours
Warranty	1 Year	1 Year	1 Year
Suitable Uses	Dry Location Only	Dry or Damp Locations	Dry, Damp or Wet Locations
Standards/Certifications	UL Listed, RoHS	UL Listed, RoHS	UL Listed, RoHS

SPEC SHEET

Morris Large Flush Mount

F1

Item # SK 4009AZ-WG

Designer: Suzanne Kasler

Height: 6"

Width: 20"

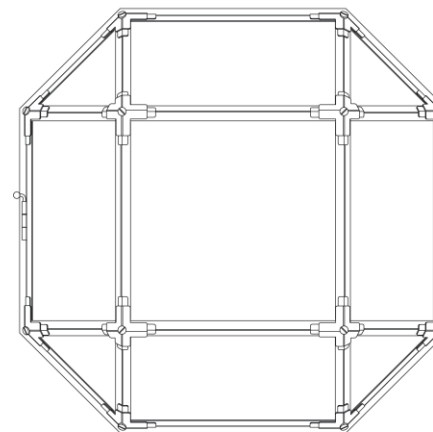
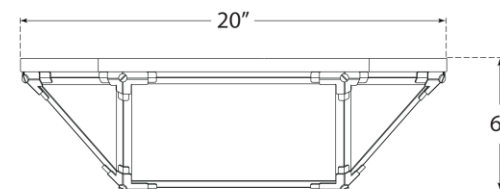
Canopy: 20" Square

Finishes: AZ, GI, PN

Glass Options: FG, WG

Socket: 4 - E26 Keyless

Wattage: 4 - 9 LED A



Bottom View

SPEC SHEET

Morris Flush Mount

Item # SK 4008GI-WG

F2

Designer: Suzanne Kasler

Height: 5"

Width: 15.5"

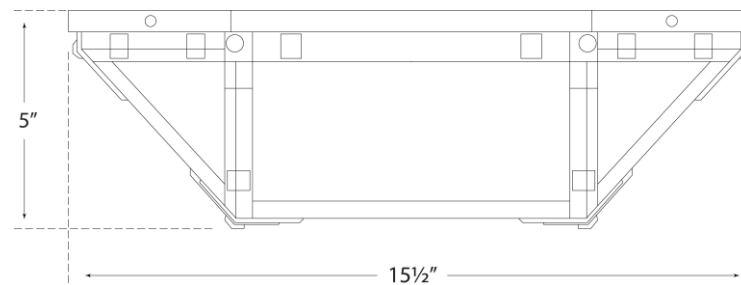
Canopy: 15.5" Square

Finishes: AZ, GI, PN

Glass Options: FG, WG

Socket: 2 - E26 Keyless

Wattage: 2 - 9 LED A



Project Name:

Type:

Quantity:

FIXTURE SPECIFICATIONS

INTENDED USE

The Alcon Lighting Elite Architectural LED Center Basket Troffer is designed to reflect light from its matte surface to provide a glare-free, softened "sky light" appearance where abundant and comfortable lighting is needed. The Elite series is configured for recessed applications in commercial and industrial buildings and is ideal for schools and offices.

AVAILABLE SIZES

2x2 | W 23.94" x L 23.75" x D 5.5"

2x4 | W 23.75" x L 47.75" x D 5.5"

1x4 | W 11.94" x L 48" x D 5.5"

FEATURES

Construction: Die-formed, cold-rolled heavy gauge steel housing
Corrosion Resistant

Diffuser: Perforated metal diffuser with white acrylic overlay

Mounting: Recessed mount in expose T-bar ceilings

Voltage: 120-277V (50/60 Hz) constant current

CRI: 80+

Dimming: 0-10V 100%~10%

Life: L70 - 50,000 hours

Operating Temperature: -4°F ~ 122°F

Power Factor: +0.9

Efficiency: +85%

THD: <20

Listing: Suitable for damp locations, cULus, Assembled in the US

Warranty: 5 years carefree for parts & components (labor not included)



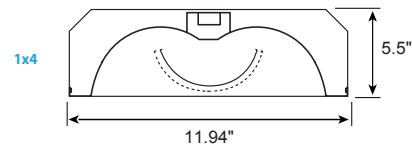
2x2



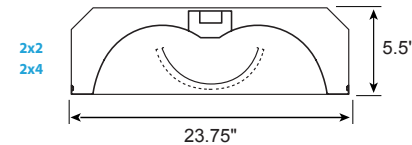
1x4



2x4



1x4


2x2
2x4


ORDERING INFORMATION Example: (24000-22-27-P-30K)

Model	Size	Wattage Lumens	Lens	Color Temperature
24000	22 2x2	27 27 Watts, 2390 lms	P Perforated Metal Diffuser	30K 3000K
	24 2x4	54 54 Watts, 5666 lms	R Ribbed Acrylic Diffuser	35K 3500K
		65 65 Watts, 6487 lms		40K 4000K
	14 1x4	36 36 Watts, 2752 lms		50K 5000K

Item # 700TDKNW42B-LED930

Designer: Sean Lavin

Specifications

Includes 120-277 volt universal, 69.4 watt, 1789 delivered lumens, 3000K, 90 CRI LED module. Dimmable with most LED compatible ELV dimmers. Includes (2) 6" and (4) 12" rigid stems in coordinating finish. Can be installed on a sloped ceiling up to 20°

Length: 28"

Width: 28"

Height: 42"

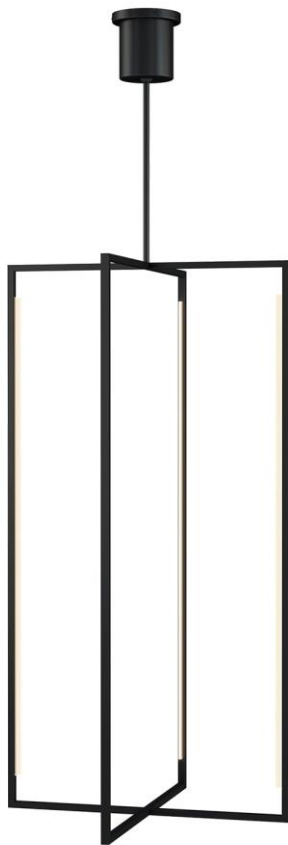
Diameter: 28"

Features

Dimmable

Available in LED

California Title 24 Compliant



Item # 700TDKNW42B-LED930

Designer: Sean Lavin

Ordering Information

Finish

B - Nightshade Black

NB - Natural Brass

Shape

18 - 18

25 - 25

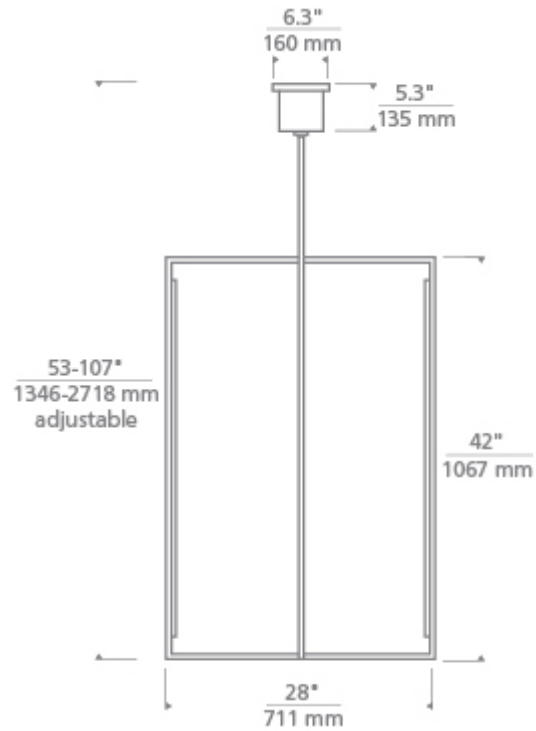
42 - 42"

Lamp Type

-LED930 - INTEGRATED LED 90 CRI 3000K 120V-277 UNV

-LED930 - INTEGRATED LED 90 CRI 3000K 120V-277V

-LED930 - INTEGRATED LED 90 CRI 3000K 120V-277V UNV



E26 6" Trim Series

DESCRIPTION

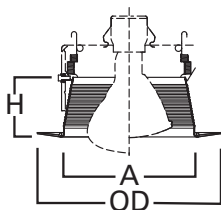
Straight metal baffle trim with self-flange in the 6" trim family for use in recessed downlighting. Compatible for use in Halo and other housings.

Catalog #		Type
Project		R1
Comments		Date
Prepared by		

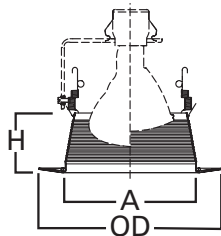
SPECIFICATION FEATURES

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25"OD and wide 8.00"OD
- Coil spring retention

IC



Non-IC



Dimensions

A: 5-5/8" [144mm]
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

ORDERING INFORMATION

SAMPLE NUMBER: 6101WB

Trim	Finish
6101= 6" Straight Metal Baffle with (2) Trim Rings	WB=White baffle, narrow & wide white trims (included) BB=Black baffle, narrow & wide white trims (included)

HOUSING COMPATIBILITY

Trim #	Style	H7ICT	H7ICAT	H7RICT	H7RICAT	E7ICAT	E7RICAT	H7UICAT	H7ICTNB
6101	Baffle	•	•	•	•	•	•	•	—
		H7ICATNB	E7ICATNB	H27ICAT	H27RICAT	E27ICAT	E27RICAT		
		—	—	•	•	•	•		
		H7T	H7TCP	H7RT	E7TAT	E7RTAT	H7TNB	E7TATNB	H27T
		•	•	•	•	•	—	—	•
		H27RT	E27TAT	E27RTAT					
		•	•	•					

For use in select other's housings, refer to U.L. classification list at www.eaton.com/lighting/legal.

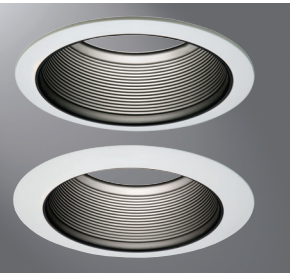
*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

Housings	Max Lamp Compatibility
H7ICT H7RICT	50W PAR30S, 75W PAR30L
H7ICAT H7RICAT	45W PAR38, 65W BR30, 65W BR40
E7ICAT E7RICAT	
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40
H27ICAT E27ICAT	50W PAR30S, 75W PAR30L, 60W BR30
H27RICAT E27RICAT	
H7T E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40,
H7RT E7RTAT	
H7TCP E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40
H27T E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps.



6101WB
White Baffle, Narrow & Wide
White Trims (Included)



6101BB
Black Baffle, Narrow & Wide
White Trims (Included)

6101

6-Inch Straight Metal Baffles



Select trims are classified for use in others housings.
See www.eaton.com/lighting/legal.

Item # RL 2025BZ-WG

Designer: Ralph Lauren

Height: 17"

Width: 5"

Extension: 4"

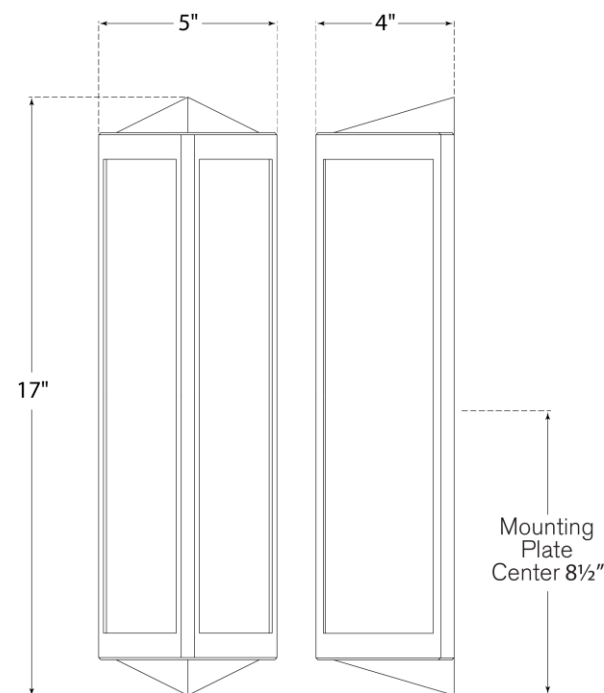
Backplate: 4" x 13" Rectangle

Finishes: BZ, NB, PN

Glass Options: WG

Socket: 2 - E26 Keyless

Wattage: 2 - 40 B





Globe Electric Kearney 46" Wide 6 Light Track Lighting Kit

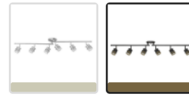
Model:59086

from the [Kearney Collection](#)

★★★★★ 2 Reviews | [Write a Review](#)

\$109.72

Finish: Oil Rubbed Bronze - **561 In Stock**



Free Shipping!

Leaves the Warehouse in 1 to 3 business days - [Shipping to 48203](#)

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On purchases of \$500 for 6 months, or \$1,000 for 12 months made with your Build.com Credit Card¹

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Product Overview

Features:

- Mounting hardware included for simplified installation
- Includes (6) GU10 base 50 watt halogen bulbs
- Adjustable track heads for customized atmosphere

Dimensions:

- Height: 7-15/16"
- Width: 46-1/8"
- Depth: 9"

Electrical Specifications:

- Bulb Base: GU10
- Bulb Included: Yes
- Bulb Type: Halogen
- Number of Bulbs: 6
- Watts Per Bulb: 50
- Total Wattage: 300
- Dimmable: Yes
- Voltage: 120v

Electrical and Operational Information

Average Hours ⓘ 3000 Hours

Color Rendering Index (CRI) ⓘ 80

Lumens ⓘ 465

Power Source ⓘ Hardwired

Voltage ⓘ 120

Wattage ⓘ 300

Watts Per Bulb ⓘ 50

Warranty and Product Information

Collection ⓘ Kearney

Country Of Origin ⓘ China

Energy Star ⓘ No

Location Rating ⓘ Dry Location

Dimensions and Measurements

Canopy Width ⓘ 5.5 in.

Depth ⓘ 9 in.

Height ⓘ 7.95 in.

Length ⓘ 9 in.

Nominal Width ⓘ 46 in.

Product Weight ⓘ 11 lbs.

Shade Height ⓘ 3.63 in.

Width ⓘ 46.14 in.

Included Components

Bulb Included ⓘ Yes

Characteristics and Features

Bulb Base ⓘ GU10

Bulb Shape ⓘ MR16

Bulb Type ⓘ Halogen

Color Temperature ⓘ 2700K

Dimmable ⓘ Yes

Genre ⓘ Contemporary

Glass Features ⓘ Patterned/Etched Glass

Light Direction ⓘ Adjustable Lighting

Material ⓘ Metal

Number of Bulbs ⓘ 6

Shade Color ⓘ Black, Clear

Shade Material ⓘ Glass

Shade Shape ⓘ Jar

Sloped Ceiling Compatible ⓘ Yes

Theme ⓘ Contemporary



Globe Electric Liam Single Light 11" High Outdoor Wall Sconce
Model:59316

\$79.99 [Write a Review](#)

Finish: Dark Wood - 280 In Stock

Free Shipping!

Leaves the Warehouse in 1 to 3 business days - [Shipping to 48203](#)



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Add to Cart

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Product Overview

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- Mounting hardware included for simplified installation
- Includes (6) GU10 base 50 watt halogen bulbs
- Adjustable track heads for customized atmosphere

Dimensions:

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- Width: 46-1/8"
- Depth: 9"

Electrical Specifications:

- Bulb Base: GU10
- Bulb Included: Yes
- Bulb Type: Halogen
- Number of Bulbs: 6
- Watts Per Bulb: 50
- Total Wattage: 300
- Dimmable: Yes
- Voltage: 120v

Electrical and Operational Information

Average Hours	3000 Hours
Color Rendering Index (CRI)	80
Lumens	465
Power Source	Hardwired
Voltage	120
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Color Temperature	2700K
Dimmable	Yes
Genre	Contemporary
Glass Features	Patterned/Etched Glass
Light Direction	Adjustable Lighting
Material	Metal
Number of Bulbs	6
Shade Color	Black, Clear
Shade Material	Glass
Shade Shape	Jar
Sloped Ceiling Compatible	Yes
Theme	Contemporary