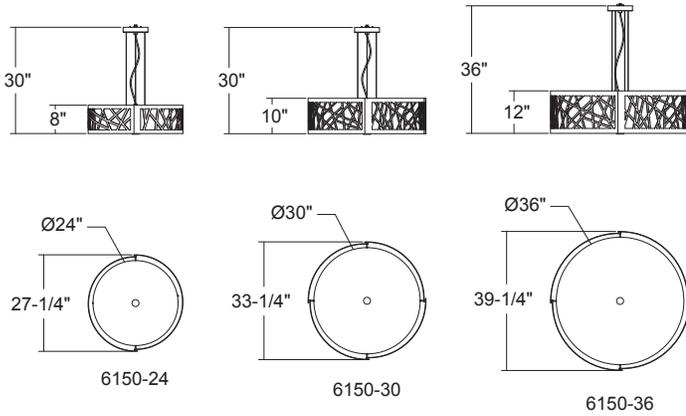


Pendant



QUICK FIND #: QF-3231



Weight Hanging (lbs.) *

FQ / 6150-24	25 lbs.
FQ / 6150-30	35 lbs.
FM / 6150-36	54 lbs.
FX / 6150-36	60 lbs.

* all pendants over 50 lbs. require additional hanging support.

Notes:

- UL listed and cUL approved us
- Winona Lighting products are union made.
- Custom Sizes and Finishes available upon request.
- All Fluorescent fixtures available in 120V and 277V.
- Winona Lighting reserves the right to make design changes without prior notice.
- Lamps not included.

1.	CATALOG #	6150-24 6150-30 6150-36
2.	LAMPING	6150-24 FQ = (4) CFQ26W/G24Q-3 6150-30 FQ = (4) CFQ26W/G24Q-3 6150-36 FM = (4) CFTR42W/GX24Q-4 FX = (8) CFTR42W/GX24Q-4
3.	VOLTAGE	120V = 120 VOLT 277V = 277 VOLT
4.	OA LENS OPTION	OA = OPAL ACRYLIC (<i>etched</i>)
5.	FINISH	STANDARD BAL = BRUSHED ALUMINUM LBP = LIGHT BRONZE PAINT WITH BRUSHED TEXTURE CUSTOM CPF = CUSTOM PAINTED FINISH (<i>consult factory</i>) CMF = CUSTOM METAL FINISH (<i>consult factory</i>)
6.	SPECIAL	STD = STANDARD MOD = MODIFIED
Modification Descriptions: (if needed)		

DECORATIVE FINISHES

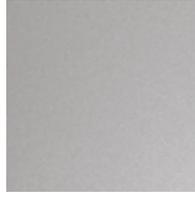
Painted Finishes



AB5 • Antique Brass Paint



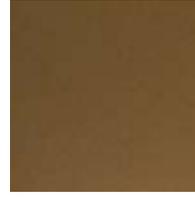
ABP • Antique Brass Paint



ALP • Aluminum Paint (Matte)



BBP • Brushed Brass Paint



DABP • Dark Antique Brass Paint



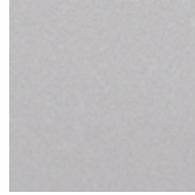
LBP • Light Bronze Paint w/ Brushed Texture



LBPS • Light Bronze Paint Smooth



LGP • Light Gold Iridescent Paint



LSP • Light Silver Paint



MBP • Medium Bronze Paint



MCP • Mediterranean Cherry Powdercoat Paint



PBP • Pale Bronze Paint



PEW • Pewter Paint



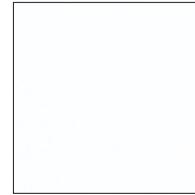
PGP • Pale Gold Paint



RWP • Redwood Powdercoat Paint



SGB • Semi-Gloss Black



SGW • Semi-Gloss White



VCP • Verdi Copper Patina Paint

Custom Paint Finishes

Whether it is matching an existing surface or creating a bold splash of color, the flexibility of the Winona Lighting wet paint system is the easiest way to customize a luminaire or your application.

Our in-house computerized mixing and matching capabilities allow us to accurately provide custom finishes without minimum order quantity, set up fees or additional lead time. There is no need to submit samples to a paint manufacturer for matching purposes causing delay to the production schedule. We can provide custom finishes in either metallic colors to match an actual metal finish or solid colors to match interior or exterior finishes.

Variations in color and luster may be present in these examples due to limitations in the printing process. For accurate color certification samples, please request a Winona Lighting finish chip from your sales representative.

DECORATIVE FINISHES

Metal Finishes



AB3 • Antique Brass
(will darken with time)



BAL • Brushed Aluminum



BB • Brushed Brass



BC • Brushed Chrome



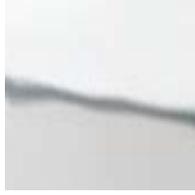
BN • Brushed Nickel



BSS • Brushed Stainless Steel



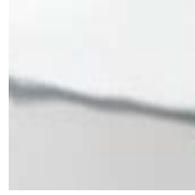
GAL • Ground Aluminum



PAL • Polished Aluminum



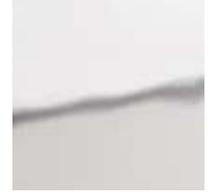
PB • Polished Brass



PC • Polished Chrome



PN • Polished Nickel

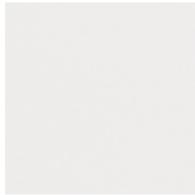


PSS • Polished Stainless Steel



TBR • Tinted Brass Lacquer

Acrylic Lenses



OA • Opal Acrylic



FAH4 • White Vein Faux Alabaster



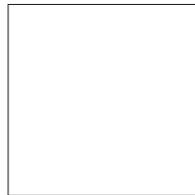
FAH5 • Antique Vein Faux Alabaster



FAH6 • Gray Vein Faux Alabaster



FAH7 • Beige Vein Faux Alabaster



FAH8 • White Faux Linen



FAH9 • Beige Faux Linen



FAH10 • Antique Faux Linen



SA1 • Clear Acrylic w/Vertical Fade Pattern panels series



SA2 • Clear Acrylic w/Grid Pattern panels series



SA3 • Clear Acrylic w/Printed Dot Pattern panels series



SA4 • Clear Acrylic w/Weave Pattern panels series

DECORATIVE FINISHES

Fabric and Parchment Shades



FAB1 • Linen Cream
textures series



FAB2 • Beige Homespun
textures series



FAB3 • Desert Beige
textures series



FAB4 • Olive Drab
textures series



FAB5 • Stone Blue
textures series



FAB6 • Linda Red
textures series



FAB7 • Natural Onion Skin
textures series



FAB8 • Kinwashi
textures series



FAB9 • Kozo Natural
textures series

Wood Finishes



NM • Natural Maple
Wood Finish
textures series



WD • Dark Cherry
Wood Finish
textures series



FEATURES & SPECIFICATIONS

INTENDED USE — Recessed downlight that provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. The system maintains 70% lumen output at more than 50,000 hours.

CONSTRUCTION — 16-gauge galvanized steel mounting/plaster frame with torsion springs to mount open conical shape reflector.

Rugged, one-piece, die-cast housing with white interior dome reflector.

LED light source shielded from direct view.

Vertically adjustable mounting brackets that use 16-gauge flat bar hangers (included), 1/2" conduit or C channel T bar fasteners. Provides 3-3/4" total adjustment.

Post installation adjustment possible from above or below the ceiling.

Galvanized steel junction box with bottom-hinged access covers and spring latches. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C.

Fixture height of 5-3/4" allows installation in shallow plenum applications.

Secondary housing adjustment system for precise, final ceiling-to-flange alignment.

Maximum 1-1/2" ceiling thickness.

ELECTRICAL — Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring cool-running operation, 3500K, CRI > 80.

Thermal control ensures cool running LEDs.

Thermal protection provided against improper insulation use.

High-efficiency, electronic LED driver mounted in the junction box.

Luminaire should be installed in applications where ambient temperatures do not exceed 50°C. Ambient temperatures that exceed 50°C will result in reduced lamp life and will void warranty.

Input wattage for 600L is 15.6W. Input wattage for 900L is 25.0W.

The DOM6 LED with DIM option operates with all 0-10V dimming switches. The following dimming switches have been confirmed to dim to 10% output:

Synergy® model number: [ISD BC 120/277](#)

Leviton® model number: IP710-DLX

Lutron® model number: NTFTV-WH. For on/off control, this switch requires a power pack. Consult Lutron for more information.

LISTINGS — CSA Certified to US and Canadian safety standards. Damp location listed.

WARRANTY — Five-year limited warranty. Complete warranty terms located at:

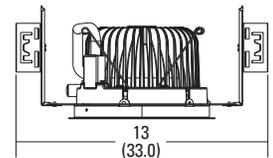
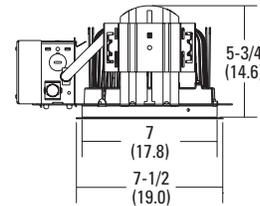
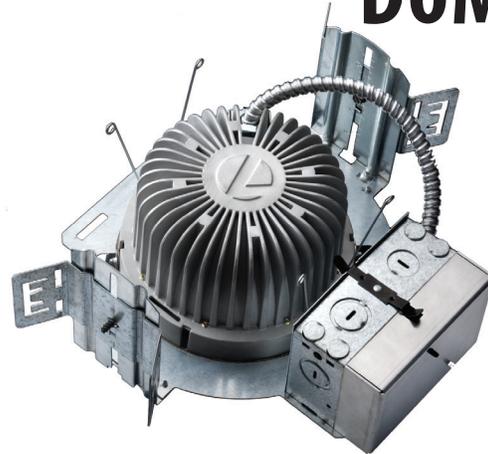
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

DOM6 LED

6" OPEN LED



Specifications

- Aperture: 6-3/4 (17.1)
- Ceiling opening: 7 (17.8)
- Overlap trim: 7-1/2 (19.0)
- Height: 5-3/4 (14.6)
- Length: 11-1/8 (28.3)
- Standard width: 13 (33.0)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: DOM6 LED 900L 35K 120 D06

DOM6 LED		Lumen output ¹		Color temperature		Voltage		Reflector		Options	
DOM6 LED	600L	35K	3500K	120	D06	White open ³		TRW	White flange with anodized reflectors		
	900L	40K	4000K	277	D06A	Clear diffuse open		TRBL	Black flange with anodized reflectors		
				347 ²	D06AZ	Semi-specular open		DIM	0-10V dimming driver, 10% minimum light output		
					D06MW	Matte white ³		ELRB722	Bodine® emergency battery pack with remote test switch provides 86% light output or roughly 770 lumens, for up to 90 minutes (900L only) ⁴		
								NSD	Sensor Switch® nLight® one 5A relay with one 0-10 VDC dimming output; requires bus power, such as nPP16 power pack. Refer to nSP5-D . ⁵		

Accessories: Order as separate catalog number.	
IDS BC 120/277 WH	Synergy white switch
IDS BC 120/277 IV	Synergy ivory switch
NSP5 D ER KIT	Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to NSP5 D ER KIT .

Notes

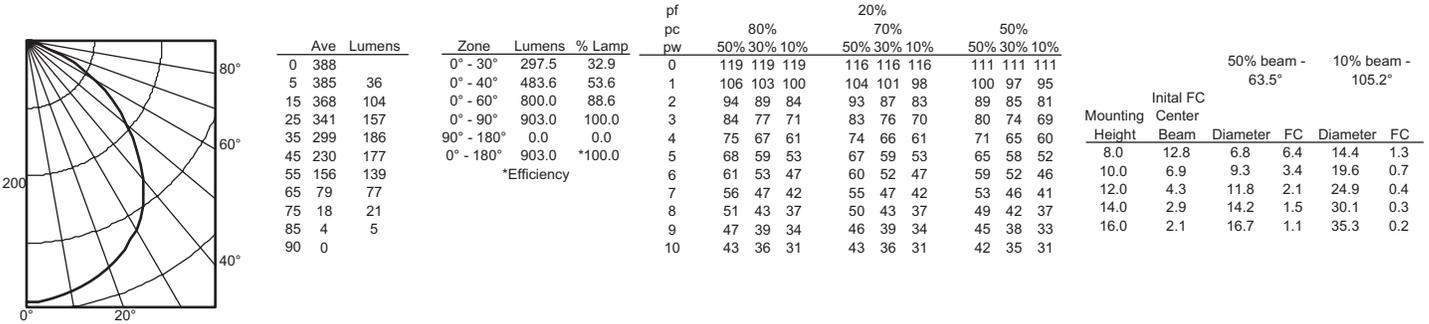
- Total system delivered lumens; power factor > 0.90.
- Not available with ELRB722
- White integral flange.
- ELRB722 available only with 900L.
- For emergency generator/inverter applications order non-nLight-enabled fixture and NSP5 D ER KIT as an accessory. Refer to [NSP5 D ER KIT](#).

DOM6 LED 6" OPEN LED

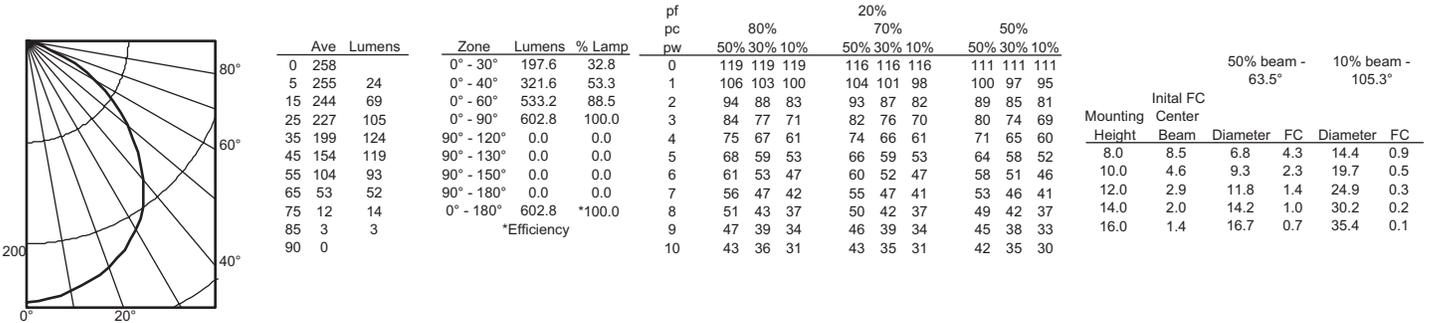
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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DOM6 900L D06; 903 delivered lumens, input watts: 25.0, Test No. LTL 17007, tested in accordance with IESNA LM-79-2008



DOM6 600L D06; 603 delivered lumens, input watts: 15.6, Test No. LTL 17014, tested in accordance with IESNA LM-79-2008



Notes

- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/-5% when operating between 120-347V +/-10%.



DOM6_LED_OPEN

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed downlight that provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. The system maintains 70% lumen output at more than 50,000 hours.

CONSTRUCTION — 16-gauge galvanized steel mounting/plaster frame with torsion springs to mount open conical shape reflector.

Rugged, one-piece, die-cast housing with white interior dome reflector.

LED light source shielded from direct view.

Vertically adjustable mounting brackets that use 16-gauge flat bar hangers (included), 1/2" conduit or C channel T bar fasteners. Provides 3-3/4" total adjustment.

Post installation adjustment possible from above or below the ceiling.

Galvanized steel junction box with bottom-hinged access covers and spring latches. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C.

Fixture height of 5-3/4" allows installation in shallow plenum applications.

Secondary housing adjustment system for precise, final ceiling-to-flange alignment.

Maximum 1-1/2" ceiling thickness.

ELECTRICAL — Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring cool-running operation, 3500K, CRI > 80.

Thermal control ensures cool-running LEDs.

Thermal protection provided against improper insulation use.

High-efficiency, electronic LED driver mounted in the junction box.

Luminaire should be installed in applications where ambient temperatures do not exceed 50°C. Ambient temperatures that exceed 50°C will result in reduced lamp life and will void warranty.

Input wattage for 1200L is 27.5W. Input wattage for 1500L is 35.8W.

The DOM8 LED with DIM option operates with all 0-10V dimming switches. The following dimming switches have been confirmed to dim to 10% output:

Synergy® model number: [ISD BC 120/277](#)

Leviton® model number: IP710-DLX

Lutron® model number: NTFTV-WH. For on/off control, this switch requires a power pack. Consult Lutron for more information.

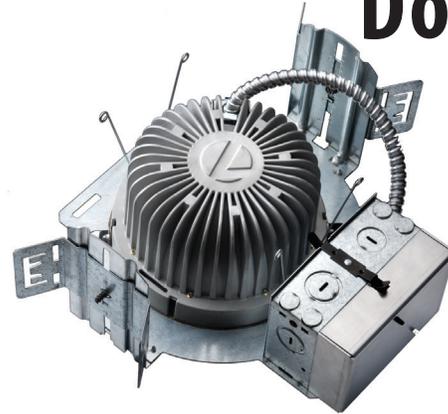
LISTINGS — CSA Certified to US and Canadian safety standards. Damp location listed.

WARRANTY — Five-year limited warranty. Complete warranty terms located at:

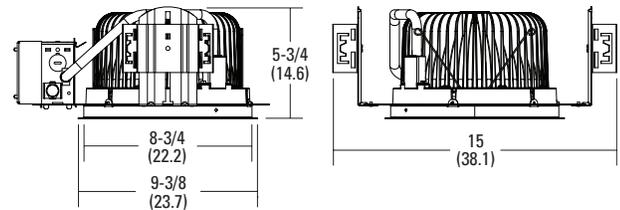
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.

DOM8 LED



8" OPEN LED



Specifications

- Aperture: 8-3/4 (22.2)
- Ceiling opening: 8-3/4 (22.2)
- Overlap trim: 9-3/8 (23.7)
- Height: 5-3/4 (14.6)
- Length: 13 (33.0)
- Standard width: 15 (38.1)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: DOM8 LED 1200L 35K 120 D08

DOM8 LED Series	Lumen output ¹	Color temperature	Voltage	Reflector	Options	
DOM8 LED	1200L	35K	3500K	120	D08 White open ³	TRW White flange with anodized reflectors
		40K	4000K	277	D08A Clear diffuse open	TRBL Black flange with anodized reflectors
	1500L			347 ²	D08AZ Semi-specular open	DIM 0-10V dimming driver, 10% min. light output
					D08MW Matte white ³	ELR Emergency battery pack with remote test switch 100% lumen output at 90 minutes
					NSD Sensor Switch® nLight® one 5A relay with one 0-10 VDC dimming output; requires bus power, such as nPP16 power pack. Refer to nSP5-D . ⁴	

Accessories: Order as separate catalog number.	
IDS BC 120/277 WH	Synergy white switch
IDS BC 120/277 IV	Synergy ivory switch
NSP5 D ER KIT	Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to NSP5 D ER KIT .

Notes

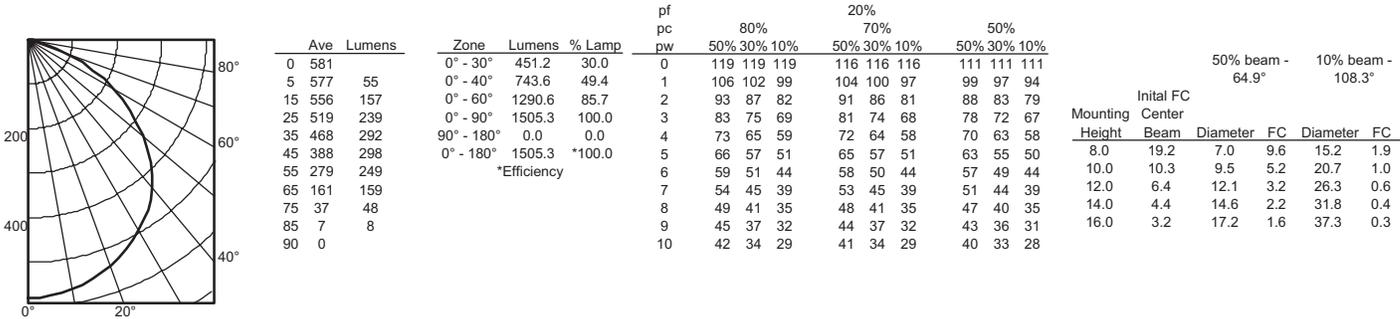
- Total system delivered lumens; power factor > 0.90.
- Not available with ELR and ELR8722
- White integral flange.
- For emergency generator/inverter applications order non-nLight-enabled fixture and NSP5 D ER KIT as an accessory. Refer to [NSP5 D ER KIT](#).

DOM8 LED 8" OPEN LED

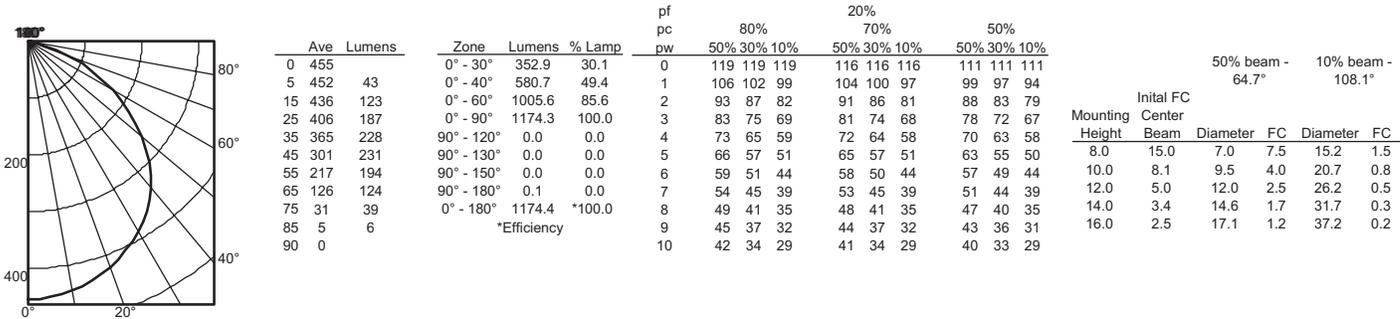
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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DOM8 1500L D08; 1505 delivered lumens, input watts: 35.8, Test No. LTL 17190, tested in accordance with IESNA LM-79-2008



DOM8 1200L D08; 1174 delivered lumens, input watts: 27.5, Test No. LTL 17214, tested in accordance with IESNA LM-79-2008



Notes

- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/-5% when operating between 120-347V +/-10%.



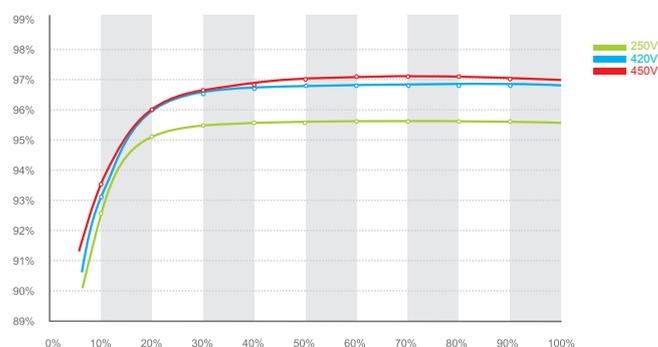
DOM8_LED_OPEN



Leading - edge Technology

- ▶ High efficiency of 97.5% delivery more energy
- ▶ Dual independent MPP tracking lead to optimal energy harvesting
- ▶ Integrated DC disconnect switch
- ▶ Consistent and stable performance across entire input voltage and output power range
- ▶ True three-phase transformerless GT topology
- ▶ Bluetooth / RF technology / Wi-Fi
- ▶ Sound control, easy installation maintenance procedure
- ▶ Newest generation IGBTs and advanced MPPT algorithms
- ▶ Comprehensive protection for IGBTs, overvoltage, islanding, short-circuit, overload, overheat, etc
- ▶ Flexible system design with safety fuse module and lightning proof module

20k efficiency



GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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T: + 86 755 2747 1900 F: + 86 755 2749 1460 E: info@ginverter.com

	Growatt 10000TL3-US	Growatt 12000TL3-US	Growatt 18000TL3-US	Growatt 20000TL3-US
Input Data				
Max. DC power	10500W	12500W	18750W	20850W
Max. DC voltage	600V	600V	600V	600V
Start voltage	120V	120V	120V	120V
DC nominal voltage	375V	375V	375V	375V
PV voltage range	80V - 600V	80V - 600V	80V - 600V	80V - 600V
MPP voltage range (Full load)	250V - 600V	250V - 600V	250V - 600V	250V - 600V
Max. input current of the MPP trackers A / trackers B	21A / 21A	25A / 25A	38A / 38A	42A / 42A
Max. input short circuit current	32A / 32A	32A / 32A	50A / 50A	50A / 50A
Number of independent MPP trackers/strings per MPP tracker	2 / 3	2 / 3	2 / 6	2 / 6
Output (AC)				
Rated AC output power	10000W	12000W	18000W	20000W
Rated AC voltage	480V	480V	480V	480V
AC voltage range	422-528VAC	422-528VAC	422-528VAC	422-528VAC
AC grid frequency; range	60 Hz;59.3-60.5 Hz	60 Hz;59.3-60.5 Hz	60 Hz;59.3-60.5 Hz	60 Hz;59.3-60.5 Hz
Max. output current(cos φ=1)	12A	14.5A	21.5A	24A
Power factor (cos φ)	>0.99(0.9Leading - 0.9Lagging)	>0.99(0.9Leading - 0.9Lagging)	>0.99(0.9Leading - 0.9Lagging)	>0.99(0.9Leading - 0.9Lagging)
Harmonics	<3%	<3%	<3%	<3%
Grid connection type	3/NE	3/NE	3/NE	3/NE
Efficiency				
Max. efficiency	97%	97%	97.5%	97.5%
CEC-Weighted Efficiency	95.5%	95.5%	96%	96.5%
MPPT efficiency	99.5%	99.5%	99.5%	99.5%
Protectopm devices				
DC switch for each MPP tracker	yes	yes	yes	yes
DC reverse-polarity protection	yes	yes	yes	yes
DC/AC over voltage protection-Varistor	yes	yes	yes	yes
DC/AC over voltage protection-DIN rail surge arrester(Optional)	Class II	Class II	Class II	Class II
DC insulation measure	yes	yes	yes	yes
AC short circuit protection	yes	yes	yes	yes
General Data				
Diemensions(W/H/D) in mm	530/705/247	530/705/247	650/740/247	650/740/247
Weight	46KG	46KG	63KG	63KG
Operation temperature range	-25 °C ... +60 °C			
Noise emission	≤50dB(A)	≤50dB(A)	≤50dB(A)	≤50dB(A)
Self Consumption night	< 3 W	< 3 W	< 3 W	< 3 W
Topology	Transformerless	Transformerless	Transformerless	Transformerless
Cooling concept	Fan Cool	Fan Cool	Fan Cool	Fan Cool
Electronics protection rating/connection area	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Altitude	2000m without derating	2000m without derating	2000m without derating	2000m without derating
Relative Humidity	0~95%	0~95%	0~95%	0~95%
Features				
Display	Graphic	Graphic	Graphic	Graphic
Interfaces: RS232/RS485/Bluetooth/RF/Wi-Fi	yes / yes / opt / opt / opt	yes / yes / opt / opt / opt	yes / yes / opt / opt / opt	yes / yes / opt / opt / opt
Warranty: 10 years / 15 years	yes / opt	yes / opt	yes / opt	yes / opt
Certificates and Approvals				
UL1741,UL1998,IEEE1547,FCC part 15(class B),CSA C22.2 No.107.1				



Date: _____ Type: _____

Firm Name: _____

Project: _____

iW Cove MX Powercore

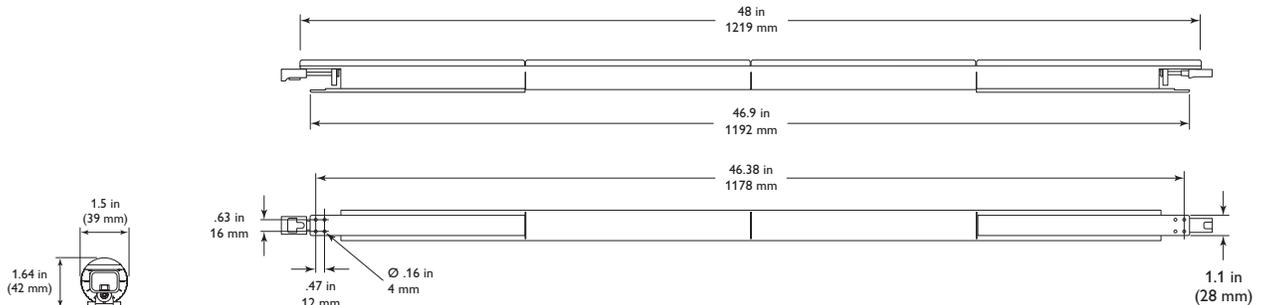
4 ft (1.2 m) 110° x 110° (wide) beam angle

Premium interior linear LED cove and accent fixture with intelligent white light

iW Cove MX Powercore is a high-performance, white-light LED fixture that brilliantly illuminates alcoves and other interior spaces wherever adjustable color temperature is required. With three channels of warm, neutral, and cool LED sources, this compact, versatile fixture offers a color temperature range of 2700 K to 6500 K. With its rotating housing, flexible end-to-end locking power connectors, and wide and medium beam angles, iW Cove MX Powercore is the perfect choice for retail, exhibit, hospitality, and architectural applications.

- Superior beam quality — Available in 1 ft (305 mm) and 4 ft (1.2 m) die-cast aluminum housings with wide (110° x 110°) and medium (50° x 70°) beam angles. Delivers striation-free light within close distance from fixture placement with no visible light scalloping between fixtures.
- High-performance illumination in a wide range of color temperatures — Channels of warm, neutral, and cool white LEDs produce color temperatures ranging from 2700 K to 6500 K. Offers the greatest possible light intensity at all color temperatures. Fixture brightness can be varied while maintaining constant color temperature.
- Superior binning algorithm sets new standard for color consistency — iW Cove MX Powercore exceeds the recognized standards for color quality to guarantee uniformity and consistency of hue and color temperature across LEDs, fixtures, and manufacturing runs.
- Integrates Powercore technology — Powercore technology rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage. The Philips Data Enabler Pro merges line voltage with control and delivers them to the fixture over a single standard cable, dramatically simplifying installation and lowering total system cost.
- Universal power input range — Power input of 100 to 240 VAC for consistent installation anywhere in the world.
- Easy installation — By delivering line voltage directly to the fixtures, Powercore simplifies installation by reducing the number of external power supplies, allowing long product runs and eliminating the need for special wiring. Easy-to-install 4 ft (1.2 m) mounting tracks allow quick project setup in linear applications.
- Flexible mounting and positioning — With end-to-end locking power connectors that can make 180° turns, these compact cove fixtures are easy to position in even the most challenging mounting circumstances. 1 ft (305 mm) and 5 ft (1.5 m) jumper cables can add extra space between fixtures. Optional mounting tracks support vertical and overhead positioning.

For detailed product information, please refer to the iW Cove MX Powercore Product Guide at www.philipscolorkinetics.com/ls/intelliwhite/iwcovemxpc/



PHILIPS

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	4 ft (1.2 m), 110° x 110° beam angle
	Color Temperature*	2700 K – 6500 K
	Lumens†	2471 (all channels full on)
	Efficacy (lm / W)	48.6 (all channels full on)
	CRI	81 (all channels full on)
	Lumen Maintenance‡	50,000 hours L70 @ 25° C 50,000 hours L70 @ 50° C 50,000 hours L50 @ 25° C 50,000 hours L50 @ 50° C
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz
	Power Consumption	50 W maximum at full output, steady state
Control	Interface	Data Enabler Pro (DMX / Ethernet)
	Control System	Philips Color Kinetics full range of controllers, including Light System Manager, iPlayer 3, and ColorDial Pro, or third-party controllers
Physical	Dimensions (Height x Width x Depth)	1.64 x 48 x 1.5 in 42 x 1219 x 38 mm
	Weight	4.1 lb (1.85 kg)
	Housing	Die-cast aluminium, white powder-coated finish.
	Lens	Clear polycarbonate
	Fixture Connections	Integral male / female connectors
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	UL / cUL, FCC Class B, CE, PSE, CCC, SAA, C-Tick
	Environment	Dry / Damp Location, IP20
	Fixture Run Lengths	To calculate fixture run lengths and total power consumption for your specific installation, download the Configuration Calculator from www.philipscolorkinetics.com/support/install_tool/

* Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A.



† Lumen measurement complies with IES LM-79-08 testing procedures.

‡ L70 = 70% lumen maintenance (when light output drops below 70% of initial output). L50 = 50% lumen maintenance (when light output drops below 50% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES LM-80-08 testing procedures. Refer to www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf for more information.

Fixtures

Item	Type	Item Number	Philips 12NC
iW Cove MX Powercore 1 ft (305 mm)	110° x 110°	UL / cUL / CE	523-000002-02 910503701230
		CCC	523-000002-04 910503701232
	50 x 70°	UL / cUL / CE	523-000002-03 910503701231
		CCC	523-000002-05 910503701992
iW Cove MX Powercore 4 ft (1.2 m)	110° x 110°	UL / cUL / CE	523-000002-06 910503702608
		CCC	523-000002-08 910503703169
	50 x 70°	UL / cUL / CE	523-000002-07 910503702609
		CCC	523-000002-09 910503703170

Use Item Number when ordering in North America.

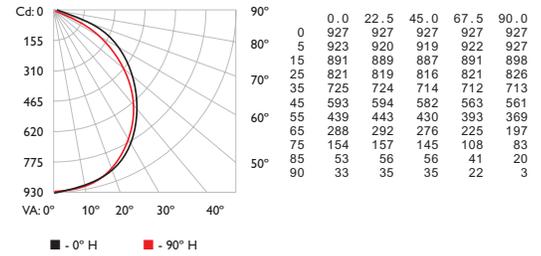


Philips Color Kinetics
3 Burlington Woods Drive
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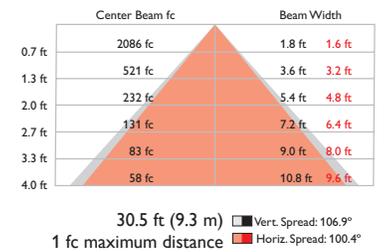
Photometrics

4 ft (1.2 m), 110° x 110° beam angle (all channels full on)

Polar Candela Distribution



Illuminance at Distance



Lumens	2471
Efficacy	48.6 lm / W

For lux multiply fc by 10.7

Accessories

Item	Type	Item Number	Philips 12NC
Mounting Track, White	1 @ 4 ft (1219 mm)	120-000124-00	910503701787
Leader Cable with terminator	10 ft (3.1 m)	UL / cUL	108-000050-00 910503701686
		CE / CCC	108-000050-01 910503701687
Jumper Cable	1 ft (305 mm)	UL / cUL	108-000049-01 910503701683
		CE / CCC	108-000049-03 910503701685
	5 ft (1.5 m)	UL / cUL	108-000049-00 910503701682
		CE / CCC	108-000049-02 910503701684
Wiring Compartment with Terminator		120-000077-02	910503701740
Data Enabler Pro	3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
	PG21 / PG13 (metric size conduit)	106-000004-01	910503701211

Use Item Number when ordering in North America.

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KBA8 LED

LED Specification Bollard

Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

8" Round
(20.3 cm)

Height: 42"
(106.7 cm)

Weight (max): 27 lbs
(12.25 kg)



Introduction

The KBA8 Bollard is a stylish, fully integrated LED solution for walkways. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 70% in energy savings over comparable 100W metal halide luminaires, the KBA8 Bollard is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: KBA8 LED 16C 700 40K SYM MVOLT DDBXD

KBA8 LED											
Series	LEDs	Drive current		Color temperature		Distribution		Voltage	Control options	Other options	Finish (required)
KBA8 LED	Asymmetric 12C 12 LEDs ¹	350	350 mA	30K	3000K	ASY Asym- metric ¹	MVOLT ⁵	Shipped installed	Shipped installed	DWHXD White	Striping ⁹
		530	530 mA	40K	4000K						
		700	700 mA	50K	5000K		240 ⁵	DMG 0-10V dimming driver (no controls)	DF Double fuse (208, 240V) ^{4,7}	DDBXD Dark bronze	SDWH White
	Symmetric 16C 16 LEDs ²	Amber 450 450 mA ^{3,4}		Amber AMBLW Amber limited wavelength ^{3,4}			277 ⁵				
							347 ⁴	H30 30" overall height	H36 36" overall height	DDBTXD Textured dark bronze	SDTG Tennis green
								L/AB4 4 bolt retrofit base without anchor bolts ⁸	L/AB Without anchor bolts (3 bolt base)	DWHGXD Textured white	SDBUA Dark blue

Accessories

Ordered and shipped separately.

MRAB U Anchor bolts for KBA8 LED⁸

NOTES

- 1 Only available in the 12C, ASY version.
- 2 Only available in the 16C, SYM version.
- 3 Only available with 450 AMBLW version.
- 4 Not available with ELCW.
- 5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- 6 Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- 7 Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- 8 MRAB U not available with L/AB4 option.
- 9 Striping is available only in the colors listed.



Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

Light Engines	Drive Current	System Watts	3000K					4000K					5000K					Limited Wavelength Amber					
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	
Asymmetric 3 Engines (12 LEDs)	350	16	641	40	1	1	1	809	51	1	1	1	870	54	1	1	1						
	530	22	947	43	1	1	1	1,191	54	1	1	1	1,282	58	1	1	1						
	700	31	1,214	40	1	1	1	1,527	51	1	1	1	1,646	55	1	1	1						
	Amber 450	16																324	20	0	1	0	
Symmetric 4 Engines (16 LEDs)	350	20	888	44	1	0	0	1,116	56	1	0	0	1,203	60	1	0	0						
	530	28	1,254	45	1	0	0	1,598	57	1	0	1	1,719	61	1	0	1						
	700	39	1,608	41	1	0	1	2,022	52	1	0	1	2,180	56	2	0	1						
	Amber 450	20																374	19	0	0	0	

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.98	0.97	0.95

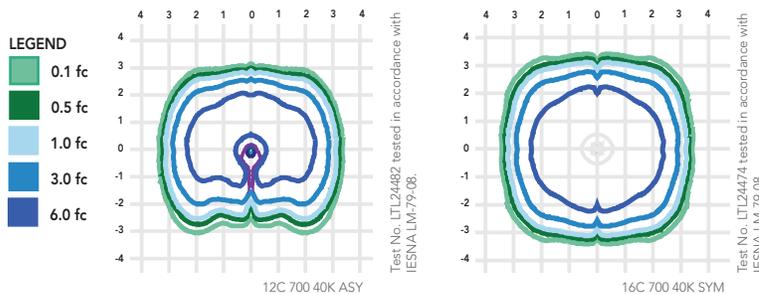
Electrical Load

Light Engines	Drive Current (mA)	System Watts	Current (A)				
			120	208	240	277	347
12C	350	16W	0.158	0.118	0.114	0.109	0.105
	530	22W	0.217	0.146	0.136	0.128	0.118
	700	31W	0.296	0.185	0.168	0.153	0.139
	Amber 450	16W	0.161	0.120	0.115	0.110	0.106
16C	350	20W	0.197	0.137	0.128	0.121	0.114
	530	28W	0.282	0.178	0.162	0.148	0.135
	700	39W	0.385	0.231	0.207	0.185	0.163
	Amber 450	20W	0.199	0.139	0.130	0.123	0.116

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [KBA8 Bollard homepage](#).

Isofootcandle plots for the KB LED Bollards. Distances are in units of mounting height (3').



FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and clean lines of the KBA bollard is ideal for illuminating building entryways, walking paths, and pedestrian plazas, as well as any other location requiring a low mounting height light source with fully cutoff illumination.

CONSTRUCTION

One-piece 8-inch round extruded aluminum shaft with thick side walls for extreme durability, a high-impact clear acrylic lens and welded top cap. Die-cast aluminum mounting ring allows for easy leveling even in sloped locations and a full 360-degree rotation for precise alignment during installation. Three 1/2" x 11" anchor bolts with double nuts and washers and 3 3/4" bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Two fully cutoff optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination without any uplight. Light engines are available in standard 4000K (>70 CRI) or optional 3000K (>80 CRI) or 5000K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICAL

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup rated for -20°C minimum ambient.

WARRANTY

Five-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.





Lightline® I/D Indirect T8

Type:

Project:

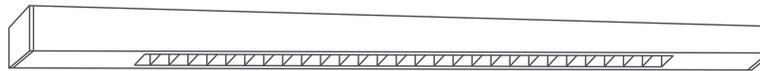
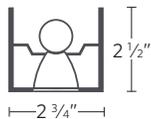
SPECIFICATIONS

Suspended

LL1M4

LAMPING OPTIONS

□ LL1M4



SPECIFICATIONS

Construction

Housing is extruded aluminum forming a 2 3/4" x 2 1/2" rectangular profile. Die-cast end plate mechanically attaches with no exposed fasteners.

Shielding

Long window with soft white aluminum baffle.

Reflectors

Die-formed, pre-finished white reflector with hammertone specular aluminum.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG fixture wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and C-UL listed.

Finish

Standard colors include satin anodized aluminum, and white white (low gloss).

Luminaire Length

8' and 12' lengths in a single section for suspension spacing of 8' and 12'. For total luminaire length, add 3/4" for each end plate. Using internal joiners, 4', 8', and 12' sections can be joined to form longer rows.

CATALOG NUMBER

Examples: LL1M4 1 32 12FT R12 120 GEB10 SCT LP835 F1/12 C100 — LL1M4 1 32 8FT R8 120 ADZT SCT LP841 F1/24 C041

Luminaire	# of Lamps in Cross Section	Lamp Type	Luminaire Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules	Emergency Type ²
LL1M4	1	32 32W T8	X FT (4' increments)	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347	GEB10 <10% THD Electronic ADEZ ¹ Advance Mark 10 dim ADZT ¹ Advance Mark 7 0-10V dim <i>Reference Ballast Wizard on website or consult factory for other options.</i>	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections	(Blank) None EC Emergency circuit EL ³ Emergency battery pack EN ³ Emergency battery pack w/night light circuit

Switching	Lamp Color	Mounting Type /	Overall Suspension	Finish	Options
SCT Single circuit	L/LP No lamp L/LPE No lamp. Wired for energy saving lamps. LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI <i>Reference Lamp Chart on website or consult factory for other options.</i>	F1/ T-bar ceiling (universal mounting bracket) F1A/ T-bar ceiling (UMB with integrated J-box) F2/ Hard ceiling (horizontal J-box) F3/ Rigid stem	12 12" 15 15" 18 18" 21 21" 24 24" XX XX" <i>Overall suspension is measured from ceiling to bottom of luminaire.</i>	C041 White white (low gloss) C100 Satin anodized finish C099 Custom finish	ACG Adjustable cable grippers BLK Black cord, cord manager and canopy (not available with F3) CP Chicago plenum (available with F1A only) DL Damp location label DU Dust cover ELH Emergency through wiring w/separate feed ELS Emergency through wiring w/single feed, shared neutral ELS2 Emergency through wiring w/single feed, separate neutrals GLR Fusing (fast blow) GMF Fusing (slow blow) MCS Matching feed canopy at support NEPP5D nLight enabled control module per row/zone OJB Offset junction box SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options) XXXX Integrated sensor; choose options and obtain code on page 2

Notes:

- 1 Not available in 347V
- 2 Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified
- 3 Not available in 4' section

2246 5th Street, Berkeley, CA 94710 • Tel: 510.845.2760 • Fax: 510.845.2776 • Email: techsupport@peerlesslighting.com • PeerlessLighting.com

Lightline® I/D

Indirect T8

Type:

Project:

Suspended

LL1M4

INTEGRATED NLIGHT MICRO SENSOR

Determine the appropriate sensor type, network type and sensor power source for your application. Enter the code in the Options section of the Catalog Number.

EXAMPLE: PDT1

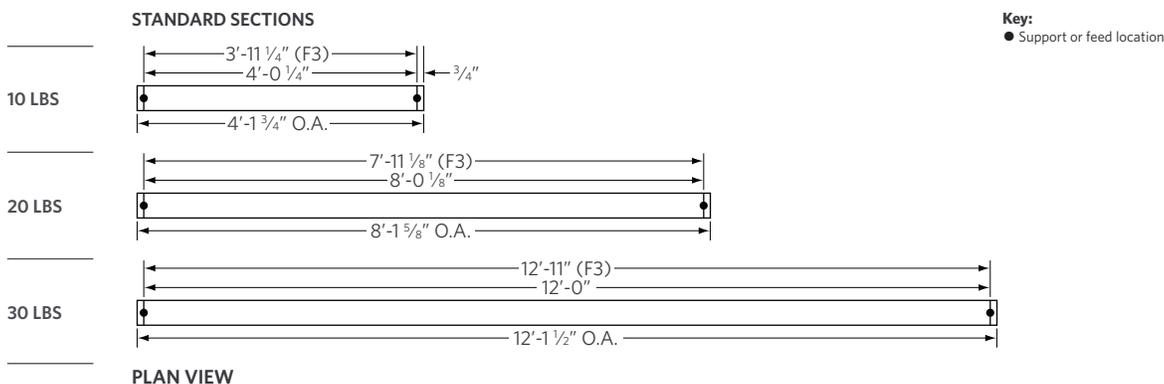
Sensor Type (choose one)	
ADC nLight model nES ADCX	Daylight Dimming Specify 0-10V dimming ballast No occupancy sensing
PDT nLight model nES PDT7 ADCX	Daylight Dimming and/or Occupancy Detection Specify 0-10v dimming ballast for daylight dimming Specify fixed-output ballast for occupancy detection only (daylight dimming disabled)

Network Type & Sensor Power Source (choose one)	
1*	nLight-Enabled (Network-Ready) with Luminaire-Integrated Power Pack 10' Cat-5e cable and splitter provided
2	Standalone Operation (No Networking) with Luminaire Integrated Power Pack No Cat-5e cable provided
3*	nLight-Enabled (Network-Ready) with Remote nLight Power Pack or nPanel 10' Cat-5e cable and splitter provided Order required remote nLight Power Pack or nPanel separately through nLight (Acuity Brands Controls)

For more information about the Integrated nLight Micro Sensor, its capabilities and options, download the PDF guide at: PeerlessLighting.com/nLight-Sensor-Guide
*nLight-Enabled (network-ready) options include one RJ-45 connector on the luminaire and 10' of Cat-5e cable and a splitter to control the entire luminaire row (depending on wattage/voltage limitations). The Cat-5e cable drop is located in the same section as the sensor. For multiple zones, please contact techsupport@peerlesslighting.com.

WEIGHTS & SUPPORT SPACING

Suspension spacing equals section length. Default location shown. Consult factory for stem mounting suspension spacing and alternate locations.

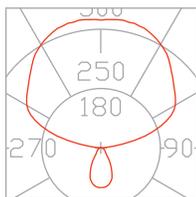


CONFIGURATIONS



Mitered "L", "X" and "T" connectors available for suspended configurations.
Reference [Pattern Connector Guide](#) for additional details.

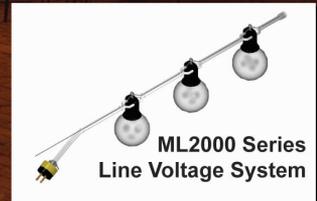
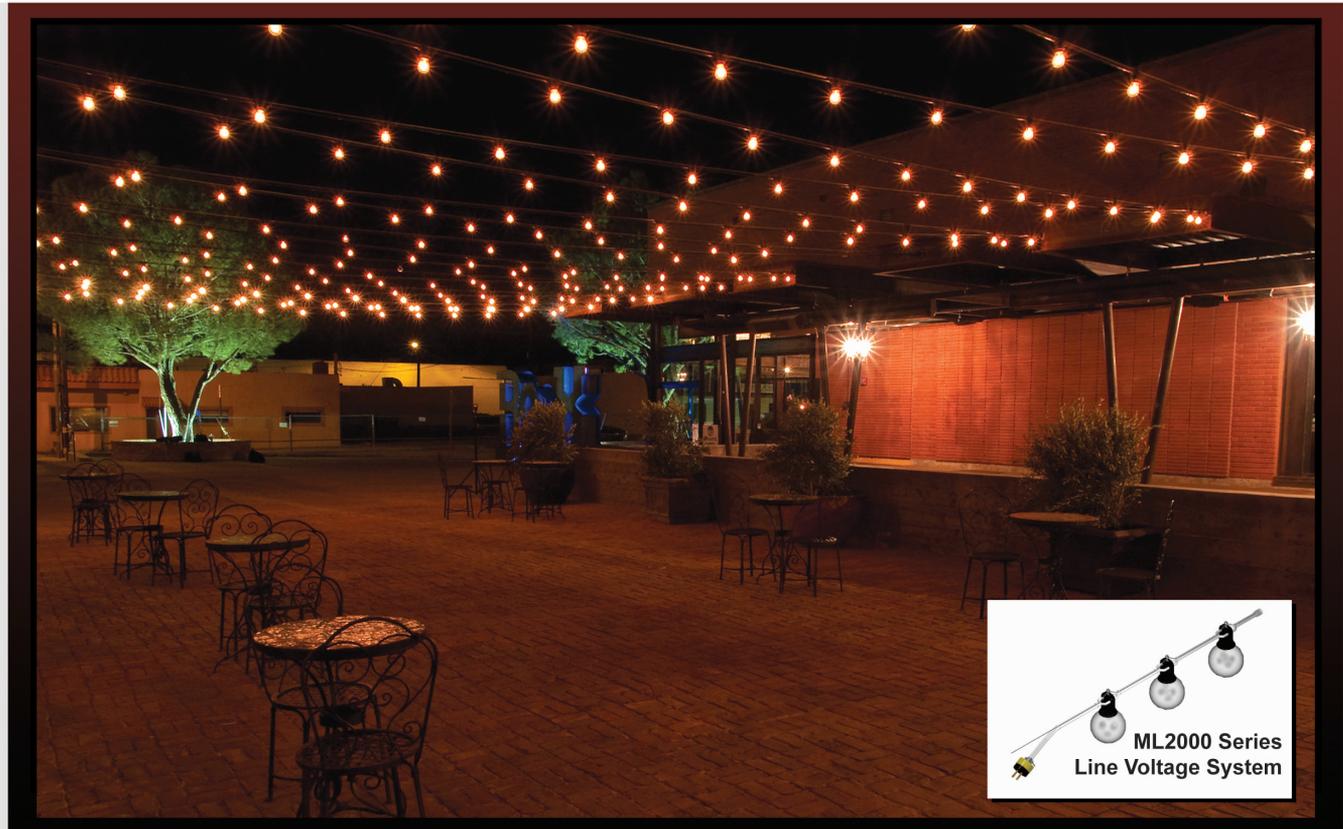
PHOTOMETRICS Actual performance may differ as a result of end-user environment and application.



1-LAMP T8
70.8% efficiency
2018 delivered lumens
89.1% up / 10.9% down



Manufactured in the U.S.A.



“Lighting for the Professional Designer”

PRODUCT *Construction*

- Applications: Building Exteriors and Interiors
- Voltage: Line Voltage (120V) System (12V Optional)
- Socket Base: Medium Base Sockets are Permanently Attached in Parallel Wiring
- Lamps: Replaceable LEDs (50,000Hrs Lamp Life) are protected with Shatterproof, Sealed Globes (LEDs Included). Available with Incandescent Line Voltage (120V) or Low Voltage Lamps (12V)
- Spacing: 6", 12", 24", 36", 48", 60" or other Custom Spacing
- Length: Built to Order (Custom Lengths to Fit Application)
- Lead Wire: Standard 6' lengths (Custom Lengths Available)
- Mounting: Surface Mount or Suspended
- Options: Mesh Canopies with Custom Finishes
Canopies and Cages with Custom Finishes

ELECTRICAL *information*

MarketLite is a LINE VOLTAGE (120V) system that can carry up to 1800 Watts in a single run (20 amp - 12 gauge wire). MarketLite is available with low voltage lamps (12V) which will require a 12 volt (secondary side) transformer. Our standard transformers' primary side voltage are 120 or 277 volts. Consult factory for other voltages.

APPLICATION *information*

MarketLite is a LINE VOLTAGE (120V) system available with long life, energy efficient LEDs. MarketLite can be installed using the special hooks on the lamp sockets to an aircraft cable. MarketLite can be field cut for an easy and fast installation not requiring exact field dimensions.

MarketLite is excellent to illuminate areas for accent or decorative lighting. MarketLite creates a warm, pleasant environment in outdoor venues, restaurant interiors, patios and other applications.



ETL Listed Dry or Wet Location
Meets UL and CSA Requirements
Lighting Facts Partner
LM79 Testing Available



CALIFORNIA ACCENT LIGHTING, INC.



2034 E. Lincoln Ave. #431 Anaheim, CA. 92806

P. (714)535-7900 | F. (714)535-7902 | (800) 921-CALI (2254) | info@calilighting.com | www.calilighting.com

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FEATURES

APPLICATIONS	Indoor and Outdoor
VOLTAGE	120V
LAMP	LED Lamp Included
WATTS	2.5W
LENGTH	Built to Order
FINISH	Black
FEED	Standard 6' Leads
STRAIN RELIEF	Aircraft Cable Included
LISTING	Dry or Wet Location
OPTIONS	Incandescent Lamps Mesh, Cages, Canopies
LED LAMP LIFE	50,000 Hours

APPLICATIONS

Designed for indoor and outdoor use, *marketLITE* is ideal for many applications including the amusement, recreation, and architectural industries.

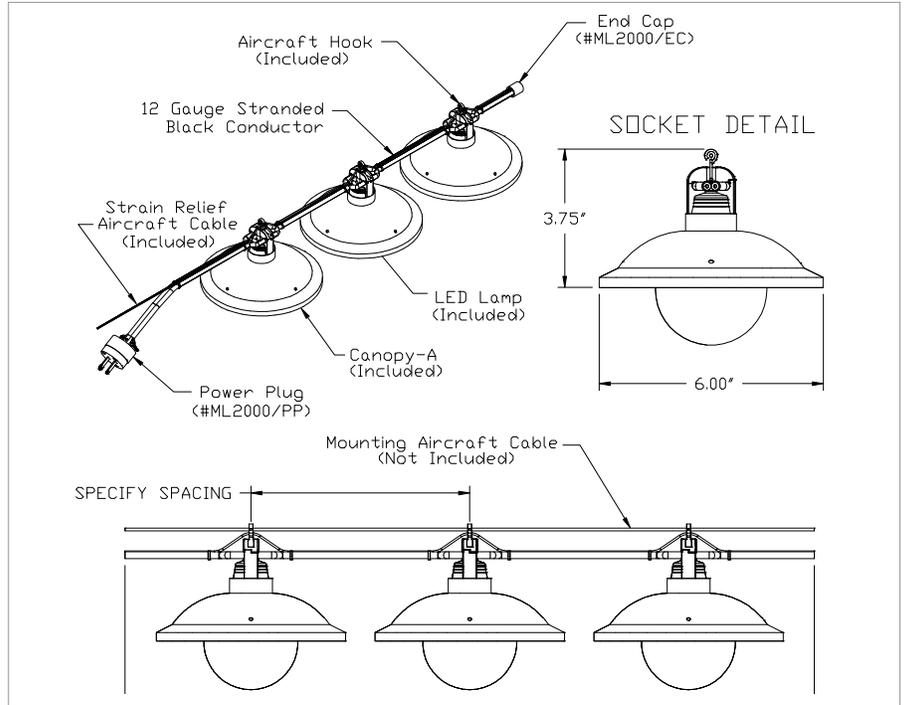
marketLITE is used in: Restaurants, Casinos, Street Decorations, Amusement Parks, Shopping Malls, Promenades, and many more.

ELECTRICAL

marketLITE with LEDs is available in 120 Volts. *marketLITE* is a 20 amp system (12 gauge wire). LEDs consume only 2.5 watts and provide lumen output equal to a 25 watt incandescent lamp. No transformers or drivers are required.

INSTALLATION

marketLITE is an easy-to-install lighting product that can be field cut to meet your lighting requirements.



LAMP SPECIFICATIONS

LAMP NUMBER	DESCRIPTION	LUMENS
LED-2.7K	2700K Warm White	135
LED-5.0K	5000K Cool White	145
LED-A	Amber LED	
LED-R	Red LED	
LED-G	Green LED	
LED-B	Blue LED	
LED-RGB	RGB LED	

HOW TO ORDER OR SPECIFY Product Code: (Fill in the Blanks)

ML2000-CA

SERIES	SPACING	LAMP #	DRY OR WET	CANOPY INSIDE	CANOPY OUTSIDE
<i>Example: ML2000-CA</i>	12"	LED-2.4K	WET	WH	BK
ML2000-CA	12" O/C	LED-2.7K	Indoor (DRY)	Natural (NA)	Natural (NA)
	18" O/C	LED-5.0K	Outdoor (WET)	Chrome (CR)	Chrome (CR)
	24" O/C	LED-R		White (WH)	White (WH)
	36" O/C	LED-G		Black (BK)	Black (BK)
	48" O/C	LED-B		Green (GN)	Green (GN)
	60" O/C	LED-A		Red (RD)	Red (RD)
		LED-RGB		Silver (SR)	Silver (SR)



CALIFORNIA ACCENT LIGHTING, INC.
 2034 E. Lincoln Ave. #431, Anaheim, CA 92806
 ph. 800.921.CALI (2254) or 714.535-7900 \ fx. 714.535.7902
 info@calilighting.com \ calilighting.com

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Pendant



1. CATALOG # 5000-30
5000-42

2. LAMPING
5000-30
I = (4) 60W A-19/MED.
F = (4) CFQ26W/G24Q-3
5000-42
I = (8) 60W A-19/MED.
F = (4) CFTR42W/GX24Q-4
FX = (8) CFTR42W/GX24Q-4

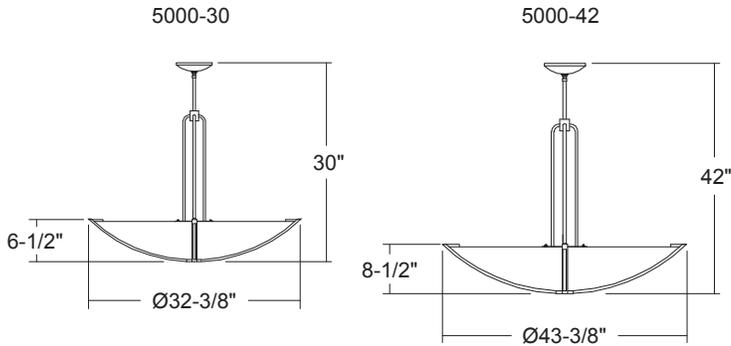
3. VOLTAGE 120V = 120 VOLT (incandescent 120V only)
277V = 277 VOLT

4. LENS OPTION
OA = OPAL ACRYLIC (etched)
FAH4 = WHITE VEIN HAND PAINTED FAUX ALABASTER
FAH5 = ANTIQUE HAND PAINTED FAUX ALABASTER (beige)
FAH6 = GRAY VEIN HAND PAINTED FAUX ALABASTER
FAH7 = BEIGE VEIN HAND PAINTED FAUX ALABASTER

5. FINISH
STANDARD
BAL = BRUSHED ALUMINUM
LBP = LIGHT BRONZE PAINT WITH BRUSHED TEXTURE
CUSTOM
CPF = CUSTOM PAINTED FINISH (consult factory)
CMF = CUSTOM METAL FINISH (consult factory)

6. SPECIAL STD = STANDARD
MOD = MODIFIED

Modification Descriptions: (if needed)



Weight Hanging (lbs.) *

I, F / 5000-30	30 lbs.
I / 5000-42	40 lbs.
F / 5000-42	45 lbs.
FX / 5000-42	46 lbs.

* all pendants over 50 lbs. require additional hanging support.

Notes:

- UL listed and cUL approved 
- Winona Lighting products are union made.
- Custom Sizes and Finishes available upon request.
- All Fluorescent fixtures available in 120V and 277V.
- Winona Lighting reserves the right to make design changes without prior notice.
- Lamps not included.

DESCRIPTION

The 107-P Fabrique Square Cylinder Pendant Luminaire features 26 shade materials, 4 mounting options, 4 Metal Motifs (**Patent Pending**), Metal Panel Frames (**Patent Pending**) and 2 Shade-in-a-Shade options.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Material/Mounting

Cold-rolled steel and aluminum wirebody, painted white. Supplied with white acrylic bottom diffuser with one finial. Optional matte white acrylic top cover.

Single Stem (P1S): 5" canopy with a 1/2" stem self-aligning swivel. One 1/2" stem with a standard hang height of 40" (OA) for 28" Ht., minimum 32" (OA), 54" (OA) for 40" Ht., minimum 44" (OA), and 64" (OA) for 52" Ht., minimum 56" (OA). Maximum overall hang height for one-piece stem assembly is 8' (OA). 9' to 25' (OA) stems are supplied in multiple sections. Supplied with a hang straight swivel canopy which will accommodate up to 34° adjustment. Specify SCA for sloped ceiling applications from 18° to 45°.

Single Stem with Aircraft Cables (P1SAC): One 1/2" stem and three 3/64" cables with a standard hang height of 40" (OA) for 28" Ht., minimum 32" (OA), 54" (OA) for 40" Ht., minimum 44" (OA), and 64" (OA) for 52" Ht., minimum 56" (OA). Maximum overall hang height is 25' (OA). 8' to 25' stems are supplied in multiple sections. Contact factory for lengths above 25' and multi-cylinders. Supplied with a hang straight swivel canopy which will accommodate up to 34° (total) adjustment.

Three Fixture Pendant Cluster (P3FCL):* 22" Square aluminum canopy with three 1/2" stems with a hang straight swivel canopy with a standard hang height of 92" (OA) for 28" Ht., minimum 76" (OA), 122" (OA) for 40" Ht., minimum 108" (OA), and 152" (OA) for 52" Ht., minimum 140" (OA). Contact factory for SCA and MOD OA.

Four Fixture Pendant Cluster (P4FCL):* 22" Square aluminum canopy with four 1/2" stems with a hang straight swivel canopy with a standard hang height of 112" (OA) for 28" Ht., minimum 96" (OA), 152" (OA) for 40" Ht., minimum 138" (OA), and 192" (OA) for 52" Ht., minimum 180" (OA). Contact factory for SCA and MOD OA.

*Shaper clusters are shown with a standard OA and with a specific quantity of fixtures. They can easily be modified to have more fixtures, a variety of fixture lengths, longer or shorter OA's and larger/different mounting plates to meet the needs of specific projects. Please contact the factory for details.

Shades

10" Square Solid cold-rolled steel construction. Material on heavy translucent white styrene. All shades are "Hand-Tucked" except for paper, vinyl and wood options. Note that Shaper's standard material selection is subject to change based on supplier availability. It is common for material manufacturers to be out of stock for long periods of time, change or discontinue materials without notice, based on market trends and/or raw material availability. We will contact the customer to provide the best alternative solution for orders in house if this situation occurs.

Optional Shade-in-a-Shade (CSQSIS, or TSQSIS): Solid cold-rolled steel frame construction with exposed metal painted white, silver or gold to match specified organza. Organza adhered to a heavy clear vinyl backing.

Optional Metal Motifs-[Patent Pending] (MMSQM, MMSQC, MMSQR or MMSQT): Solid aluminum or steel laser-cut construction with integral mounting tabs.

Optional Metal Panel-[Patent Pending] (MPSQ): Solid aluminum or steel panel construction with integral mounting tabs and flat resin inserts.

Finish (Stem, Motifs, Panel, canopy and finial)

Standard: Natural Aluminum (NA) [Sustainable Design].

Premium: Matte White (MW), Aluminum Paint (ALP), Bronze Metallic Paint (BM), Gold Metallic Paint (GM), Lacquered Satin Aluminum (SAL), Satin Brass (SB), Polished Brass* (PB), Oxidized Brass (OBRS), Satin Chrome (SC), Polished Chrome* (PC), Satin Copper (SCP), Polished Copper* (PCP), Oxidized Copper (OCP), Satin Nickel (SN), Polished Nickel* (PN), Gun Metal (GNM) or Custom Color (CC).

Contact Factory for multi-finishes (i.e. MW finial with SC stems/canopy).

*Note: Plated Polished finishes are not available with Metal Motif options.

Materials

Standard: Silk White (SIW).

Premium: Shantung White - 28" & 40" only (SWH), Shantung Eggshell

(SEG), Chintz Chocolate (CCT), Chintz Onyx (CXH), Shantung Beige (SBG), Apex (APX), Glasgow Flax - 28" & 40" only (GFX), Paper Leaf - 28" & 40" only (PPF), Nutmeg Shimmer (NGS), Bronze Shimmer (BZS), Linen Alabaster - 28" & 40" only (LAT), Linen Biscuit - 28" & 40" only (LBS), Linen Chopsticks - 28" & 40" only (LCK), Grass Cloth - 28" only (GSH), Silk Ivory (SIY), White Krinkle - 28" & 40" only (WHK), White Corona (WCA), Heather Grey (HTG), Aluminium Shimmer (AMS), Golden Honey - Vinyl Coated - 28" & 40" only (GHY), Natural Flax - Vinyl Coated - 28" & 40" only (NFX), Alabaster - Vinyl Coated - 28" & 40" only (ABR), FSC** Natural Bamboo (NLB) [Sustainable Design], FSC** Variegated Bamboo (VDB) [Sustainable Design] or FSC** Amber Bamboo (ABB) [Sustainable Design] or Customer Supplied Fabric (CSCC). Note that the Bamboo is horizontal on the 106 shade.

Optional Shade-in-a-Shade (CSQSIS or TSQSIS): Earth Dust (EDT), White Mist (WMT) or Silver Moon (SMO).

Optional Metal Panel (MP): Earth Dust - Resin (EDTR), White Mist - Resin (WMTR) or Silver Moon - Resin (SMOR).

*Many additional stock fabrics are available as a MOD, contact the factory for details. Shaper can accommodate "Customer Supplied Fabric" (CSCC) orders. Please contact your representative for details and minimum quantities.

**Forest Stewardship Council's (FSC) role is to bring together people, organizations and businesses of the Global South and North to develop consensus-based solutions that promote responsible stewardship of the world's forests. Visit www.fsc.org for more details. Natural materials and textiles are subject to inconsistency in color/pattern, texture, shape and may vary from dye lots. They may also change in appearance over time. Many materials appear differently when illuminated. As an example, the wood appears to be more amber when illuminated. It is recommended to view all samples illuminated prior to making final selection. Please contact your representative for a color sample chip.



107-P SERIES

Pendant Luminaire
Fabrique
Square Cylinder



Fabrique

Shaper now offers a wide variety of architectural fabric luminaires. All of the shades have been designed to have minimal or no visible hardware or structural trim, and are available with the latest in lamp and ballast technology (T5/CFL with dimming ballasts).

SUSTAINABLE DESIGN

Shaper has a long-standing history of offering environmentally-friendly fixtures. The copper and bronze alloys used in our exterior luminaires feature up to 98% recycled content, contribute less undesirable air emissions compared to painted aluminum and are easy to recycle.

ARRA

Shaper Lighting certifies that its products satisfy the requirements of Section 1605 of the American Recovery and Reinvestment Act (also known as the ARRA Buy American provision).

SPECIFICATION FEATURES (CONT'D.)

Optics

Refer to shaperlighting.com for complete photometrics.

Ballast

Integral electronic HPF, multi-volt 120/277V (347V Canada), thermally protected with end-of-life circuitry to accommodate the specified lamp wattage 120/277V DM only. Contact factory for 347V DM.

Standard dimming ballasts: Advance-HO Mark 7 (DMA7), Mark 10 (DMA10) or Lutron (DML).

Lamp/Socket

28": Three (3) 14W or 24W HO T5 linear fluorescents lamps.

40": Three (3) 21W or 39W HO T5 linear fluorescents lamps.

52": Three (3) 28W or 54W HO T5 linear fluorescents lamps.

Note: When specifying the Advance dimming option, only Advance Mark 7 (DMA7) or Mark 10 is available and specify the (3) 54WHO T5 (106-52-WMTA) lamping. T5HO lamps are recommended for use with medium to dark materials.

Lamps furnished by others.

Installation

Supplied with a universal integral mounting strap for a standard 4" J-box or plaster ring. Integral safety cable provided. Contractor to provide appropriate structural support for fixture weight. Refer to shaperlighting.com for installation sheets.

Cleaning recommendation: Use a soft clothes brush or a vacuum brush to dust the outside of the lamp shade and a clean soft white flannel cloth for the inside of the lamp shade.

Options

FL T5 Dimming Ballast: Advance Mark 7 (DMA7) or Mark 10 (DMA10) - Available with (3) 54WHO T5 (107-52-P) only or Lutron (DML). Sloped Ceiling Adaptor (SCA), Matte White Acrylic Top Cover (TC), Remote Emergency Ballast (REM), Top Square Shade-in-a-Shade (TSQSSIS) or Center Square Shade-in-a-Shade (CSQSSIS) + EDT, WMT or SMO, "European Mushroom" Pleat (EMP), "Casual Box" Pleat (CBP), Metal Motif Square Mondrian (MMSQM), Metal Motif Square Curvilinear (MMSQC), Metal Motif Square Rhombus (MMSQR) or Metal Motif Square Tangent (MMSQT). Floating Frame - Metal Panel Square (MPSQ) + EDTR, WMTR or SMOR. (Contact factory for NFP701 Fire Resistent or Stain Guard fabric coating.

Labels

U.L. and C.U.L. approved for interior locations only.

Modifications

Shaper's skilled craftspeople, with their depth of experience, offer the designer the flexibility to modify standard Fabrique pendant luminaires for project-specific solutions. Contact the factory regarding scale options, unique finishes, mounting, additional materials/colors or decorative detailing.

ORDERING INFORMATION

Sample Number (Fixture): 107-40-P1SAC-T5/3/21-277V-OC-SCA18-TC-52

Series 107 = Square Cylinder Pendant ¹	Mounting Types P1S P1SAC 3FCL 4FCL	Lamp T5/3/14 ² T5/3/24HO ² T5/3/21 ³ T5/3/39HO ³ T5/3/28 ⁴ T5/3/54HO ⁴	Finish Standard NA = Natural Aluminum	Options DMA7 = Dimming Ballast (Advance Mark 7) ⁴ DMA10 = Dimming Ballast (Advance Mark 10) ⁶ DML = Dimming Ballast (Lutron) MMSQM = Metal Motif, Square, Mondrian ^{8, 11} MMSQC = Metal Motif, Square, Curvilinear ^{8, 11} MMSQR = Metal Motif, Square, Rhombus ^{8, 11} MMSQT = Metal Motif, Square, Tangent ^{8, 11} MPSQ-EDTR = Metal Panel Square, Earth Dust Resin ⁸ MPSQ-WMTR = Metal Panel Square, White Mist Resin ⁸ MPSQ-SMOR = Metal Panel Square, Silver Moon Resin ⁸ REM = Remote Emergency Ballast ⁹ SCA = Sloped Ceiling Adaptor ¹⁰ TC = Matte White Acrylic Top Cover TSQIS-EDT = Top Square Shade-in-Shade, Earth Dust ⁷ TSQIS-WMT = Top Square Shade-in-Shade, White Mist ⁷ TSQIS-SMO = Top Square Shade-in-Shade, Silver Moon ⁷ CSQIS-EDT = Center Square Shade-in-Shade, Earth Dust ⁷ CSQIS-WMT = Center Square Shade-in-Shade, White Mist ⁷ CSQIS-SMO = Center Square Shade-in-Shade, Silver Moon ⁷
Size 28" 40" 52"	Voltage 120V 277V 347V	Premium ALP = Aluminum Paint BM = Bronze Metallic Paint CC = Custom Color GM = Gold Metallic Paint GNM = Gun Metal MW = Matte White OBRS = Oxidized Brass OCP = Oxidized Copper	Options PB = Polished Brass ⁵ PC = Polished Chrome ⁵ PCP = Polished Copper ⁵ PN = Polished Nickel ⁵ SAL = Lacquered Satin Aluminum SB = Satin Brass SC = Satin Chrome SCP = Satin Copper SN = Satin Nickel	Options OA (P1S & P1SAC) (P3FCL) (P4CL) 28" Ht. = 40"OA 28" Ht. = 92"OA 28" Ht. = 112"OA 40" Ht. = 52"OA 40" Ht. = 122"OA 40" Ht. = 152"OA 52" Ht. = 64"OA 52" Ht. = 152"OA 52" Ht. = 192"OA or specify or specify or specify

Notes:

- Fabric Kit is not included. Please specify Fabric Kit (below) to complete specification.
- Available in 28".
- Available in 40".
- Available in 52".
- Not available with Metal Motif options.
- Available in T5/3/54HO (107-52-P) lamping only.
- Shade-in-Shade (SIS) is not available with Vinyl Coated or Bamboo materials.
- Patent Pending.
- Supplied by others. Please specify REM Ballast.
- Specify for sloped ceiling applications from 18° to 45°.
- Not available in polished metal finishes.

Sample Number (Fabric Kit): 107-40-SHD-SWH-CBP

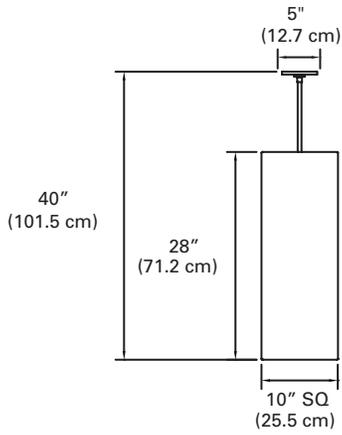
Series 107 = Square Cylinder Pendant ¹	Size 28" 40" 52"	SHD	Options EMP = European "Mushroom Pleat" ⁹ CBP = "Casual" Box Pleat ⁹
Materials Standard SIW = Silk White	Premium ABB = FSC Amber Bamboo ^{5, 6} ABR = Alabaster - Vinyl Coated ^{2, 3} AMS = Aluminium Shimmer APX = Apex BZS = Bronze Shimmer CCT = Chintz Chocolate CSF = Customer Supplied Fabric ⁴ CXH = Chintz Onyx GFX = Glasgow Flax ^{2, 3} GHY = Golden Honey - Vinyl Coated ^{2, 3} GSH = Grass Cloth ² HTG = Heather Grey ⁶ LAT = Linen Alabaster ^{2, 3}	Options LBS = Linen Biscuit ^{2, 3} LCK = Linen Chopsticks ^{2, 3} NFX = Natural Flax - Vinyl Coated ^{2, 3} NGS = Nutmeg Shimmer NLB = FSC Natural Bamboo ^{5, 6} PPF = Paper Leaf ^{2, 3} SBG = Shantung Beige SEG = Shantung Eggshell SIY = Silk Ivory SWH = Shantung White ^{2, 3} VDB = FSC Variegated Bamboo ^{5, 6} WCA = White Corona WHK = White Krinkle ^{2, 3}	Options MMSQM = Metal Motif, Square, Mondrian ^{8, 10} MMSQC = Metal Motif, Square, Curvilinear ^{8, 10} MMSQR = Metal Motif, Square, Rhombus ^{8, 10} MMSQT = Metal Motif, Square, Tangent ^{8, 10} MPSQ-EDTR = Metal Panel Square, Earth Dust Resin ⁸ MPSQ-WMTR = Metal Panel Square, White Mist Resin ⁸ MPSQ-SMOR = Metal Panel Square, Silver Moon Resin ⁸ TSQIS-EDT = Top Square Shade-in-Shade, Earth Dust ⁷ TSQIS-WMT = Top Square Shade-in-Shade, White Mist ⁷ TSQIS-SMO = Top Square Shade-in-Shade, Silver Moon ⁷ CSQIS-EDT = Center Square Shade-in-Shade, Earth Dust ⁷ CSQIS-WMT = Center Square Shade-in-Shade, White Mist ⁷ CSQIS-SMO = Center Square Shade-in-Shade, Silver Moon ⁷

Notes:

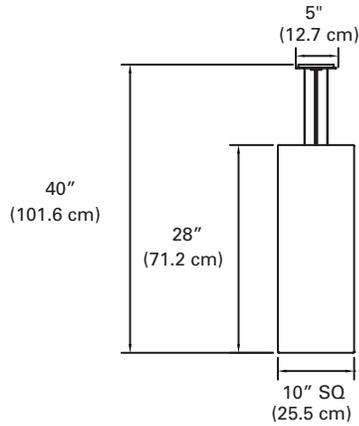
- Fixture is not included. Please specify Fixture (above) to complete specification.
- Available in 28".
- Available in 40".
- Shaper can accommodate "Customer Supplied Fabric" orders. Please contact your representative for details and minimum quantities.
- Forest Stewardship Council's (FSC) role is to bring together people, organizations and businesses of the Global South and North to develop consensus-based solutions that promote responsible stewardship of the world's forest. Visit www.fsc.org for more details.
- Many materials appear differently when illuminated. As an example, the wood appears to be more amber when illuminated. It is recommended to view all samples illuminated prior to making final selection.
- Shade-in-Shade (SIS) is not available with Vinyl Coated or Bamboo materials.
- Patent Pending.
- Please note: Cannot be added to bamboo, vinyl-coated fabric, or paper options.
- Not available in polished metal finishes.

107-P FABRIQUE SQUARE CYLINDER PENDANT LUMINAIRE

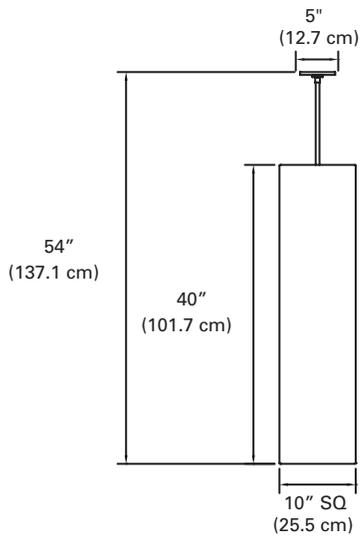
MOUNTING TYPES



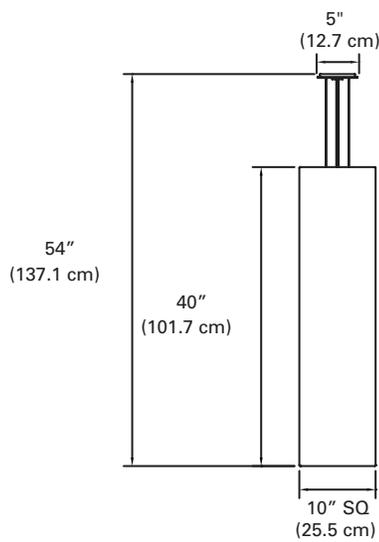
**107-28-P1S
(SINGLE STEM)**



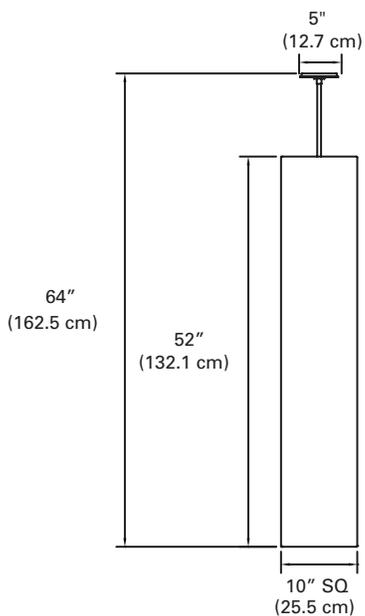
**107-28-P1SAC (SINGLE STEM
WITH AIRCRAFT CABLES)**



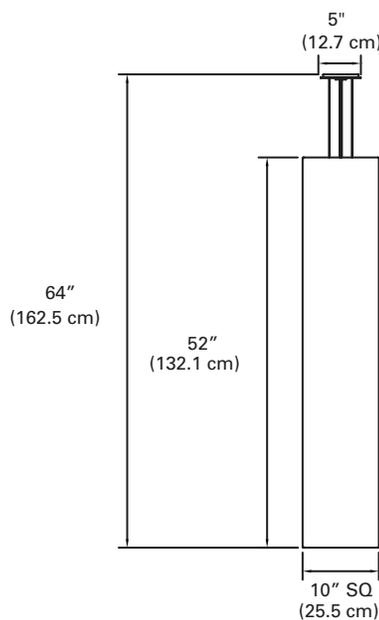
**107-40-P1S
(SINGLE STEM)**



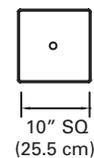
**107-40-P1SAC (SINGLE STEM
WITH AIRCRAFT CABLES)**



**107-52-P1S
(SINGLE STEM)**

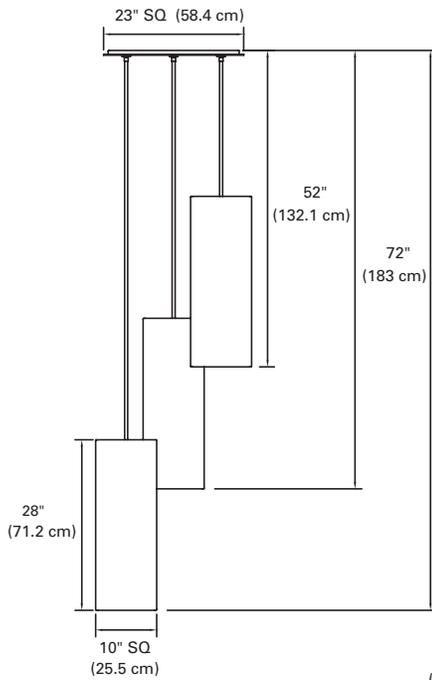


**107-52-P1SAC (SINGLE STEM
WITH AIRCRAFT CABLES)**

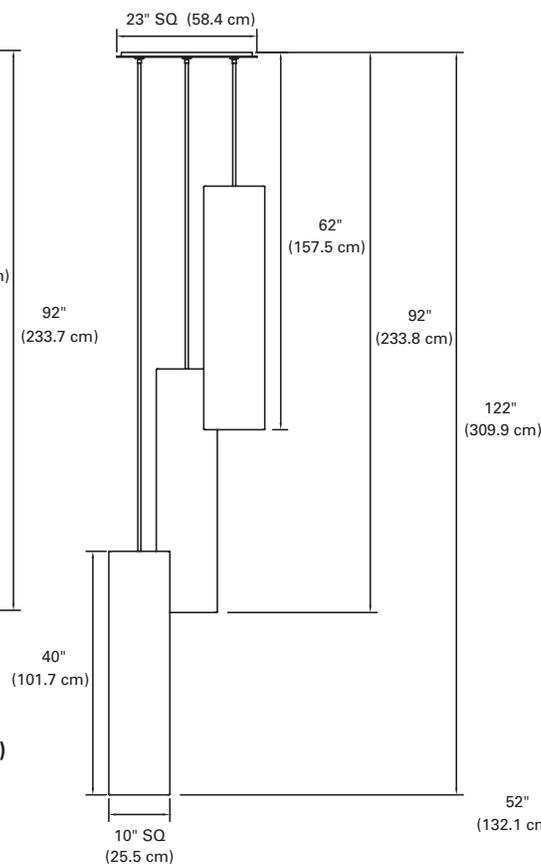


**107-P
PLAN VIEW**

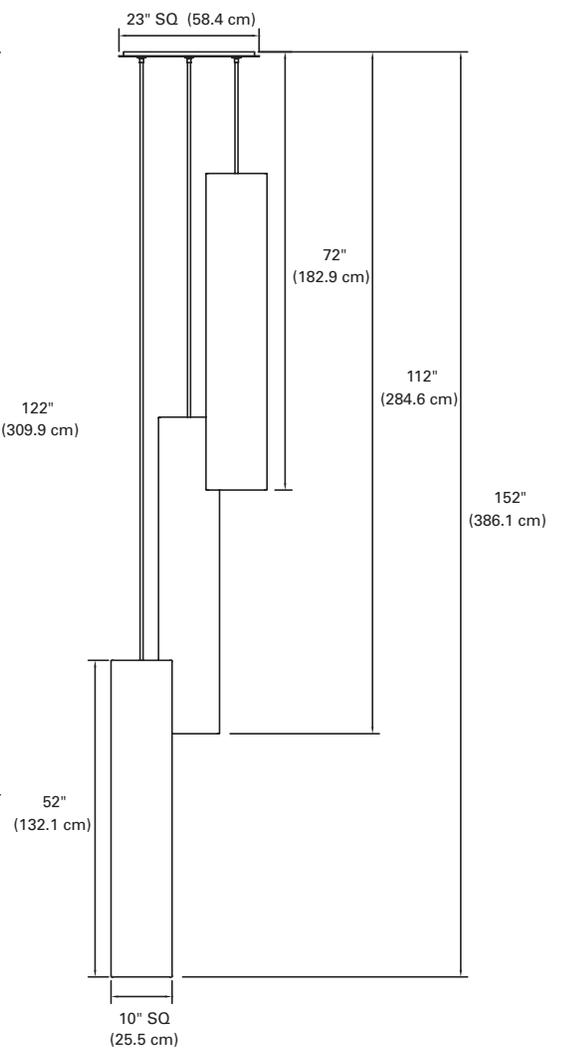
MOUNTING TYPES (CONT'D.)



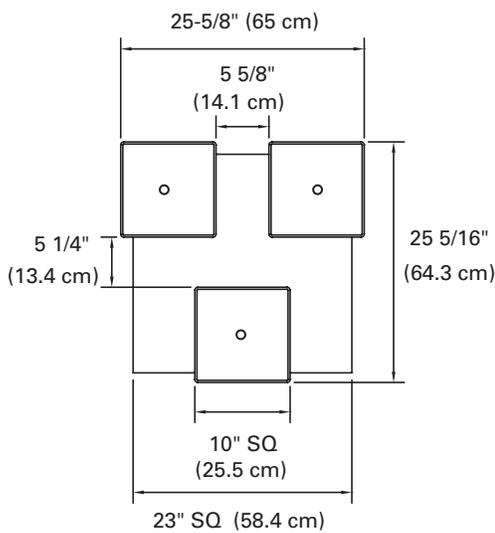
107-28-3FCL
(MULTI-HEAD CYLINDER PENDANT)



107-40-3FCL
(MULTI-HEAD CYLINDER PENDANT)

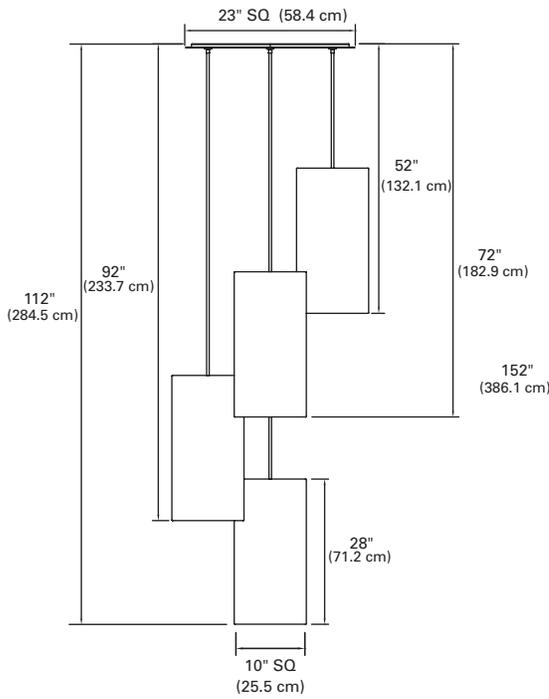


107-52-3FCL
(MULTI-HEAD CYLINDER PENDANT)

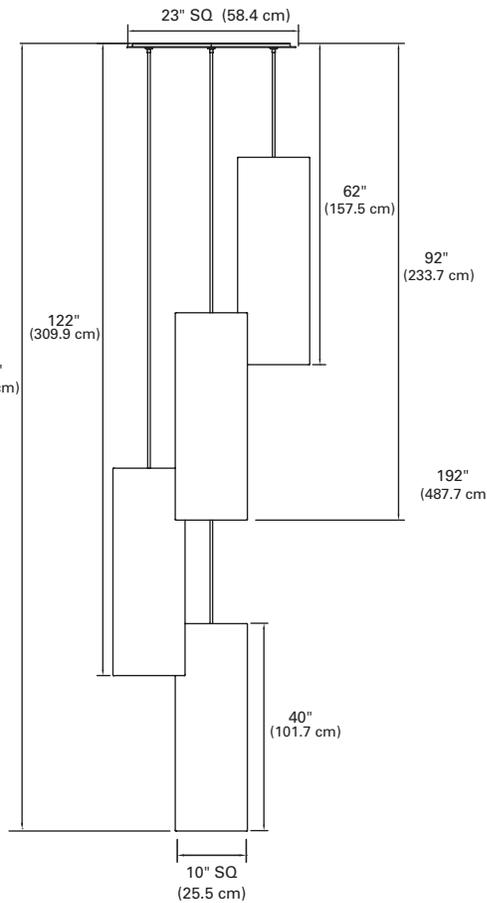


107-3FCL-PLAN VIEW
(MULTI-HEAD CYLINDER PENDANT)

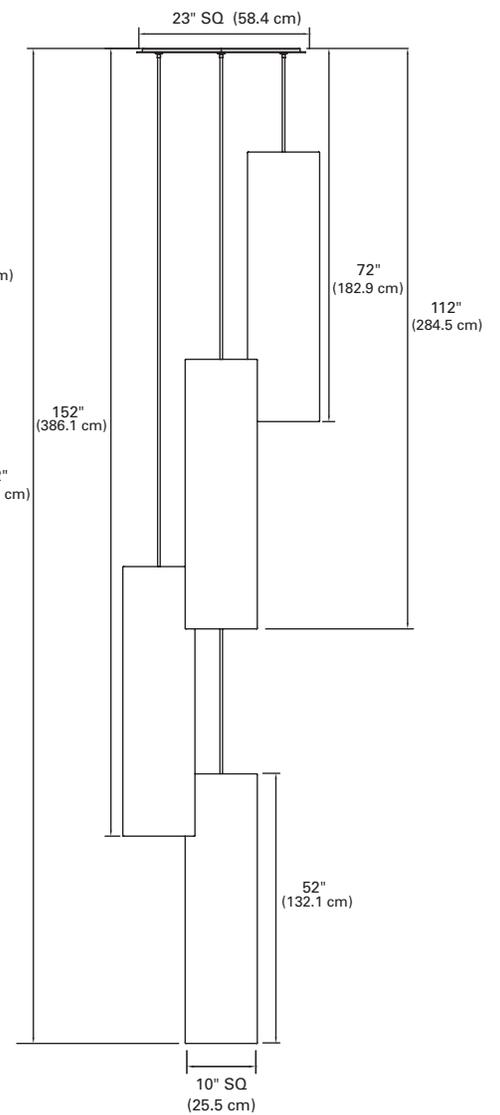
MOUNTING TYPES (CONT'D.)



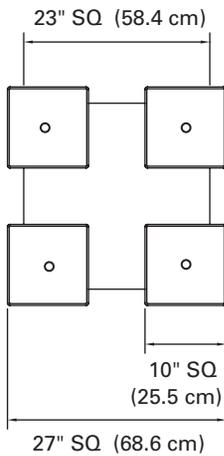
107-28-4FCL
(MULTI-HEAD CYLINDER PENDANT)



107-40-4FCL
(MULTI-HEAD CYLINDER PENDANT)



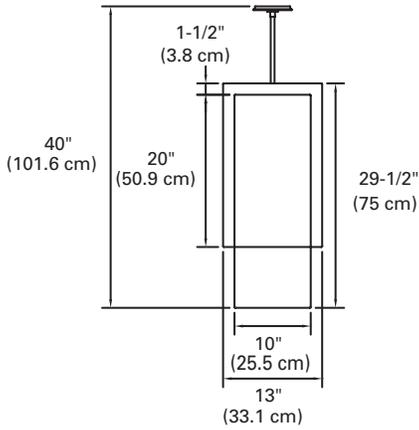
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(MULTI-HEAD CYLINDER PENDANT)



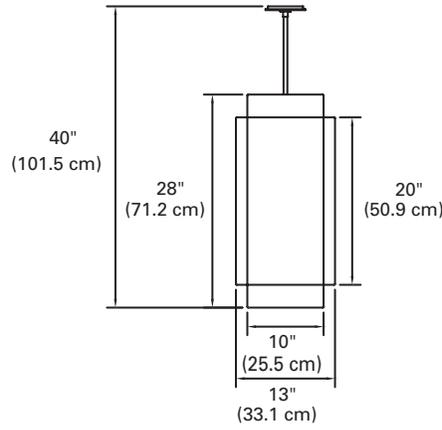
107-4FCL-PLAN VIEW
(MULTI-HEAD CYLINDER PENDANT)

107-P FABRIQUE SQUARE CYLINDER PENDANT LUMINAIRE

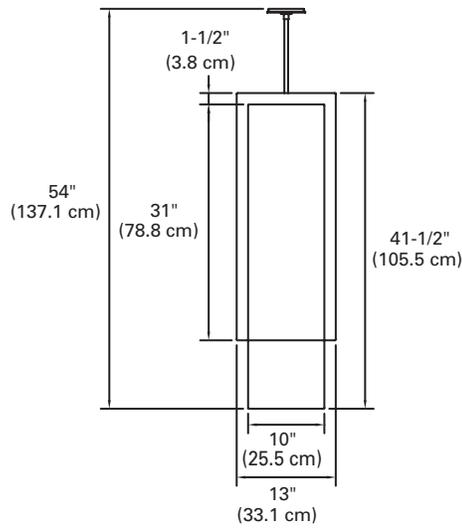
OPTIONS



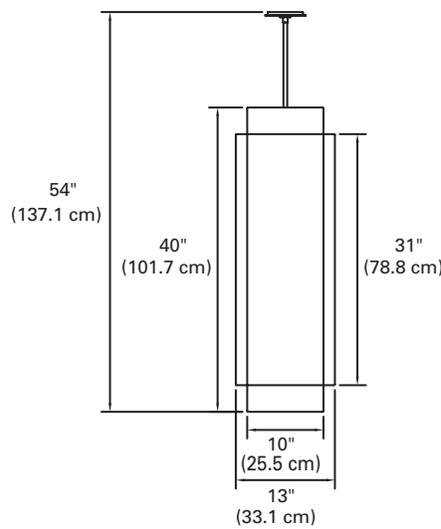
107-28-P1S-TSQSIS (TOP SQUARE SHADE-IN-SHADE)



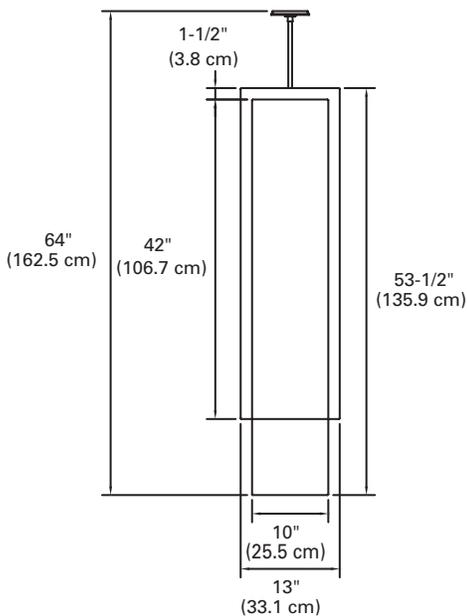
107-28-P1S-CSQSIS (CENTER SQUARE SHADE-IN-SHADE)



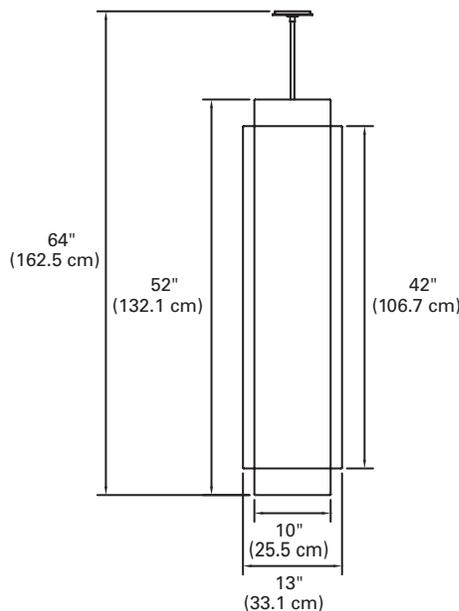
107-40-P1S-TSQSIS (TOP SQUARE SHADE-IN-SHADE)



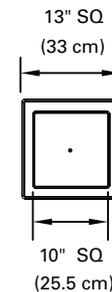
107-40-P1S-CSQSIS (CENTER SQUARE SHADE-IN-SHADE)



107-52-P1S-TSQSIS (TOP SQUARE SHADE-IN-SHADE)

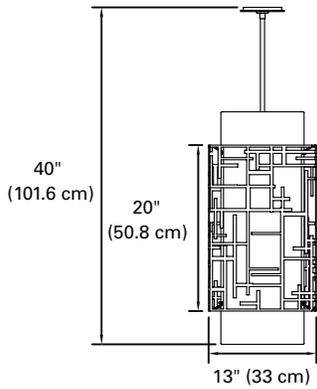


107-52-P1S-CSQSIS (CENTER SQUARE SHADE-IN-SHADE)

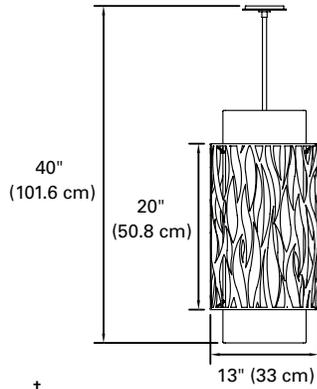


107-P-SIS PLAN VIEW

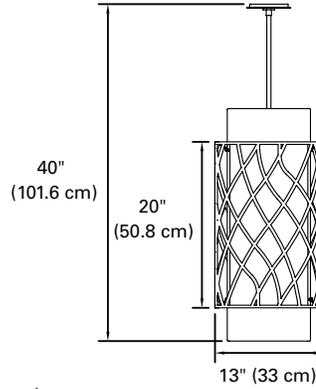
OPTIONS (CONT'D)



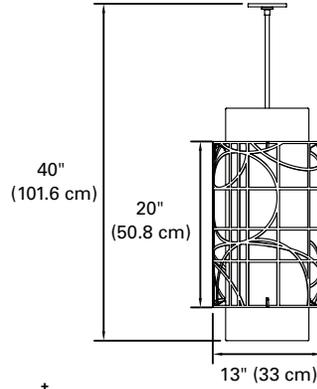
107-28-P1S-MMSQM
(METAL MOTIF
SQUARE MONDRIAN)



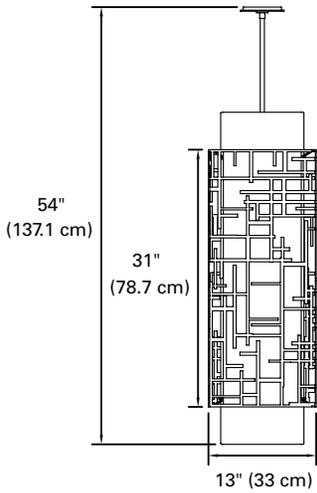
107-28-P1S-MMSQC[†]
(METAL MOTIF
SQUARE CURVILINEAR)



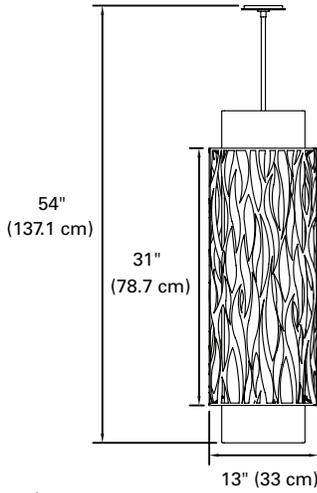
107-28-P1S-MMSQR[†]
(METAL MOTIF
SQUARE RHOMBUS)



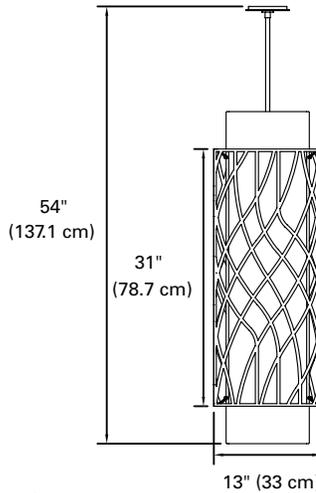
107-28-P1S-MMSQT[†]
(METAL MOTIF
SQUARE TANGENT)



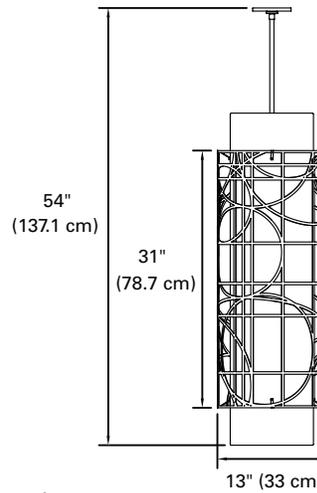
107-40-P1S-MMSQM[†]
(METAL MOTIF
SQUARE MONDRIAN)



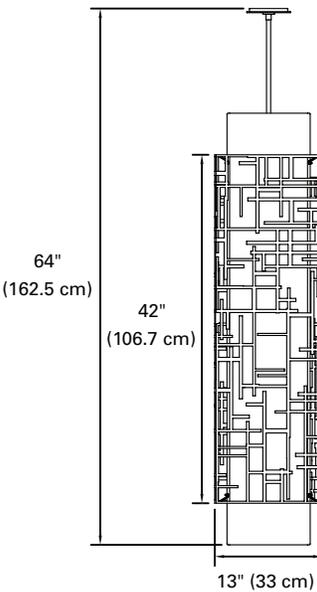
107-40-P1S-MMSQC[†]
(METAL MOTIF
SQUARE CURVILINEAR)



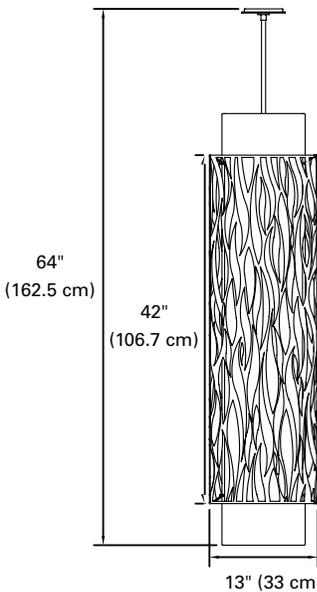
107-40-P1S-MMSQR[†]
(METAL MOTIF
SQUARE RHOMBUS)



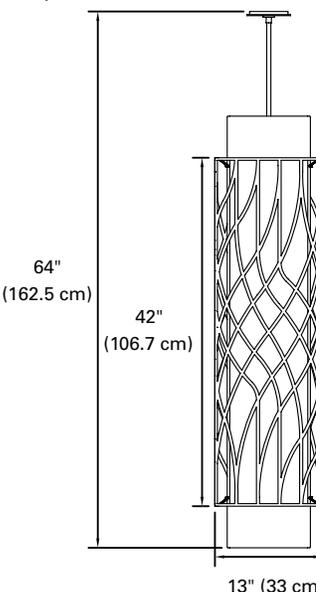
107-40-P1S-MMSQT[†]
(METAL MOTIF
SQUARE TANGENT)



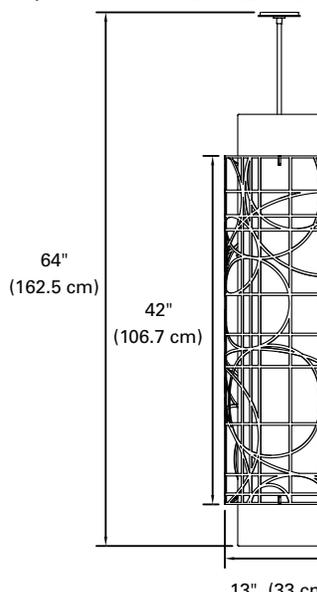
107-52-P1S-MMSQM[†]
(METAL MOTIF
SQUARE MONDRIAN)



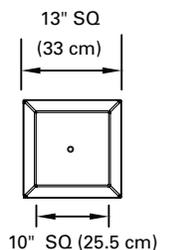
107-52-P1S-MMSQC[†]
(METAL MOTIF
SQUARE CURVILINEAR)



107-52-P1S-MMSQR[†]
(METAL MOTIF
SQUARE RHOMBUS)



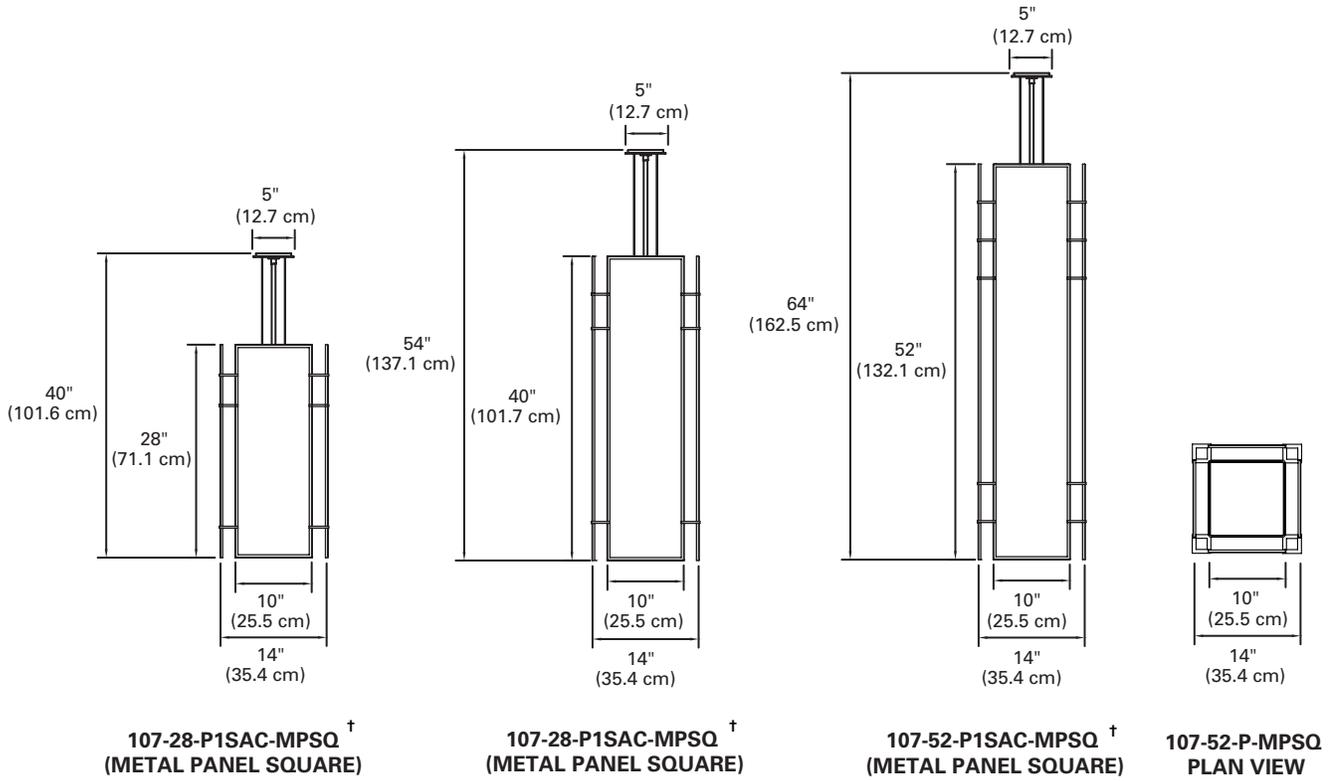
107-52-P1S-MMSQT[†]
(METAL MOTIF
SQUARE TANGENT)



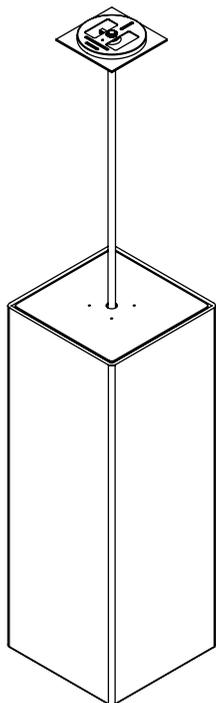
107-MMSQT
PLAN VIEW

[†] PATENT PENDING

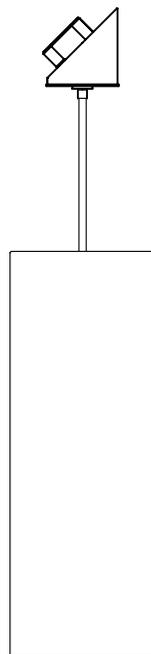
OPTIONS (CONT'D.)



† PATENT PENDING



107-P-TC
(TOP COVER)



107-P-SCA (SLOPED
CEILING ADAPTOR)

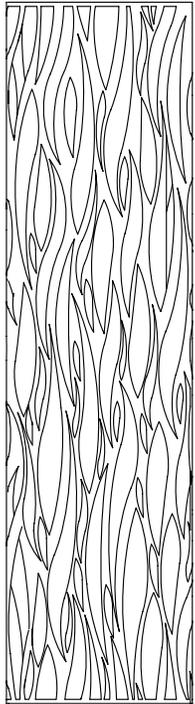


CASUAL "BOX" PLEAT (CBP)

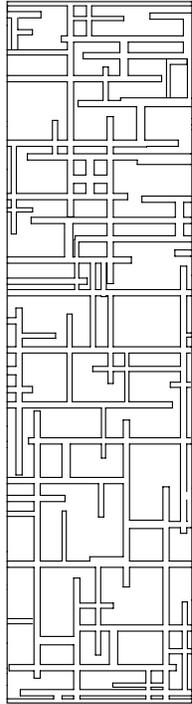


EUROPEAN "MUSHROOM"
PLEAT (EMP)

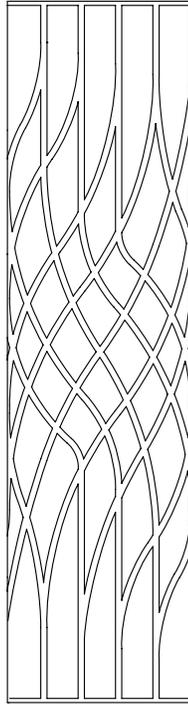
OPTIONAL METAL MOTIFS (CLOSE-UP - PATENT PENDING)



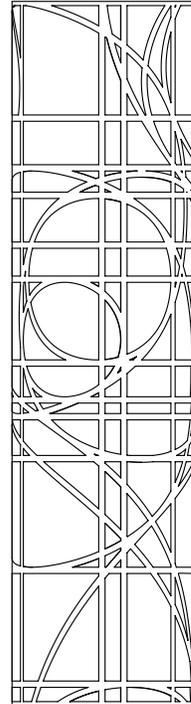
CURVILINEAR † - 52"



MONDRIAN † - 52"



RHOMBUS † - 52"



TANGENT † - 52"

† PATENT PENDING

COMPANION PRODUCTS



101-S



103



104-SRT



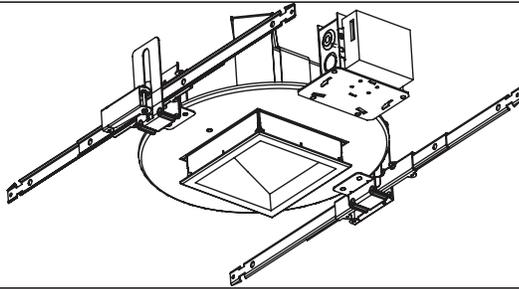
105



109-S



111



Gotham Architectural Downlighting
Compact Fluorescent Downlights

6" SQFW
Square Lensed Wallwash

Double Twin-Tube or Triple-Tube lamp

FEATURES

OPTICAL SYSTEM

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish.
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom.
- One piece trim eliminates mitered flange corners and inside corner gaps.
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency.
- Dual kicker design along with proprietary Gotham spread lens delivers a uniform distribution of light to the wall.

MECHANICAL SYSTEM

- 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2" thick ceiling materials.
- Patented adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim-to-trim alignment.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed. Post-installation adjustment possible without the use of tools from above or below ceiling.

- Secondary housing adjustment system for precise, final ceiling to flange alignment.
- Galvanized steel junction box with hinged access covers and spring latch. Three combination 1/2"-3/4" and two 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

ELECTRICAL SYSTEM

- Horizontally-mounted, four-pin, positive-latch, thermoplastic socket.
- Class P, thermally protected, high power factor electronic ballast mounted to the junction box.

LISTING

- Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: SQFW 1/32TRT 6AR MVOLT

Series	Wattage/Lamp	Aperture/Trim color	Finish	Voltage	Ballast ⁵
SQFW	1/18DTT ¹	6AR Clear	(blank) ³ Semi-specular	MVOLT ⁴	(blank) Electronic ballast (standard)
	1/26DTT ¹	6PR Pewter	LD Matte-diffuse	120	ECOS EcoSystem™ electronic dimming ballast. Minimum dimming level 5%.
	1/18TRT	6WTR Wheat		277	ADEZ ⁶ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	1/26TRT	6DSR Stepped		347	ADZT Advance Mark 7 electronic dimming ballast. Minimum dimming level 5%
	1/32TRT	6PDSR Pewter stepped			
	1/42TRT	6WDSR Wheat stepped			
		6WR ² White			
	6BR ² Black				

Options

ELR ⁷	Emergency battery pack. Remote test switch	WLP	With 3500 K lamp (shipped separately)
ELRSD ⁷	Emergency battery pack with self-diagnostics. Remote test switch provided	NEPP ¹²	Interface for Sensor Switch® nLight® network provided with integral power supply. Refer to TN-623-01 .
GMF ⁸	Single, slow-blow fuse	RRL	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.
GLR ⁸	Single, fast-blow fuse	TRW ¹³	White painted flange
CP	Chicago plenum	TRBL ¹⁴	Black painted flange
BDP ⁹	Ballast disconnect plug		
MFLG ¹⁰	Microflange trim		
SQMT ¹¹	Square metal trim		

ACCESSORIES order as separate catalog numbers (shipped separately)

NSP5 D ER KIT Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to [NSP5 D ER KIT](#).

6" SQFW

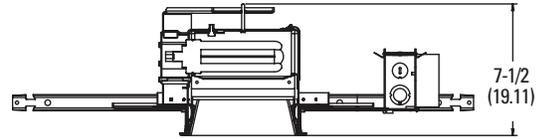
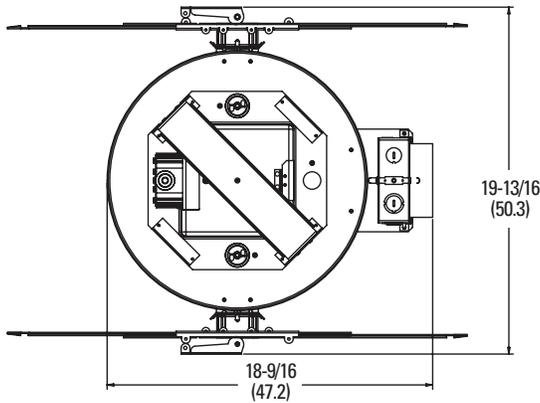
Square Lensed Wallwash

Double Twin-Tube or Triple-Tube lamp



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



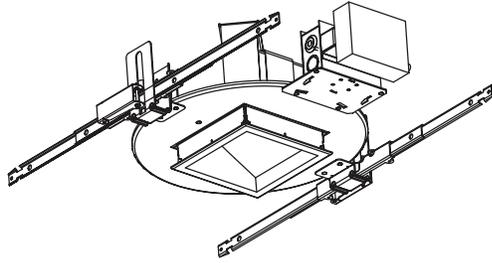
Aperture: 6 (15.2)
Ceiling Opening: 6-5/8 (16.8)
Overlap Trim: 7-3/16 (18.3)

NOTES

ORDERING NOTES

1. Requires 4-pin lamp. Ships as TRT fixture.
2. Not available with matte-diffuse finishes.
3. Available with WR and BR trim colors and SQMT metal trim option.
4. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
5. For additional ballast types, refer to [Technical Bulletins](#).
6. Available in 120V or 277V only.
7. For dimensional changes, refer to [TECH-140](#).
8. Not available with MVOLT. Must specify voltage.
9. Meets codes that require in-fixture disconnect.
10. Order ships as 3 components: housing, trim and microflange gypsum board.
11. Not available with stepped reflector or MFLG option.
12. For emergency generator/inverter applications order non-nLight enabled fixture and NSP5 D ER KIT as an accessory. Refer to [NSP5 D ER KIT](#).
13. Not available with white reflector.
14. Not available with black reflector.





Gotham Architectural Downlighting
HID Downlights

6" SQHZW
Square Lensed Wallwash

ED17 Lamp

FEATURES

OPTICAL SYSTEM

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish.
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom.
- One piece trim eliminates mitered flange corners and inside corner gaps.
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency.
- Dual kicker design along with proprietary Gotham spread lens delivers a uniform distribution of light to the wall.

MECHANICAL SYSTEM

- 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2" thick ceiling materials.
- Patent pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed.

- Post-installation adjustment possible without the use of tools from above or below ceiling.
- Secondary housing adjustment system for precise, final ceiling to flange alignment.
- Galvanized steel junction box with hinged access covers and spring latch. Three combination 1/2"-3/4" and two 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

ELECTRICAL SYSTEM

- Medium-base porcelain socket with nickel-plated screw shell.
- Pre-wired, electronic, 120 or 277V ballast module is standard. Module can be attached before or after mounting of mounting/plaster frame.
- Thermally-activated insulation detector.

LISTING

- Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: SQHZW 70M 6AR 120

Series	Wattage/Lamp ¹	Aperture/Trim	Finish	Voltage	Ballast	Options		
SQHZW	<u>Metal halide (ED17)</u>	6AR Clear	(blank) ³ Semi-specular	120	(blank) Electronic ballast	SF Single fuse		
	50M	6PR Pewter	LD Matte-diffuse	277	EMB Electro-magnetic ballast	LRC⁵ Provides compatibility with Lithonia Reloc® System. Lithonia Reloc System can be installed less this option with connectors provided by others. Access above ceiling required.		
	70M	6WTR Wheat		347⁴				
	100M	6WR² White						
	<u>Color-corrected metal halide (ED17)</u>	6BR² Black						
	50MHC	6DSR Stepped						
	70MHC	6PDSR Pewter stepped						
	100MHC	6WDSR Wheat stepped						
								MFLG⁶ Microflange trim
								SQMT⁷ Square metal trim
							CP Chicago plenum approved	
					WLP 3000 K lamp (shipped separately)			

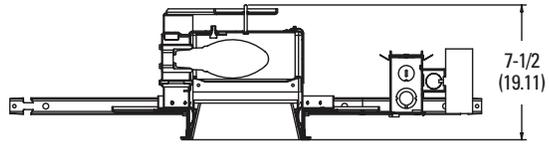
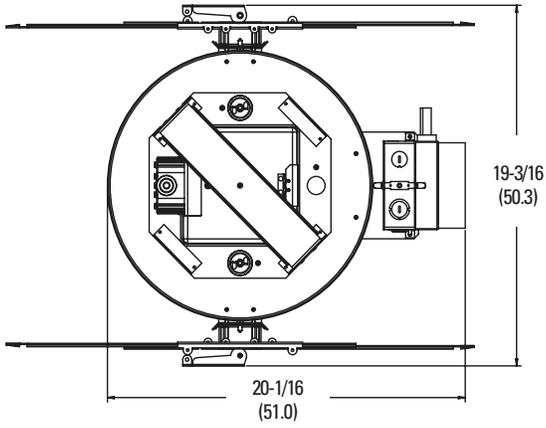
NOTES

ORDERING NOTES

1. Recommended for use with coated lamps. Open rated lamps required.
2. Not available with matte-diffuse finish.
3. Available with WR and BR trim colors and SQMT metal trim option.
4. Available with 70W & 100W electromagnetic ballast only.
5. For compatible Reloc systems, refer to [TECH-110](#).
6. Order ships as 3 components: housing, trim and microflange gypsum board.
7. Not available with stepped reflector or MFLG option.

DIMENSIONAL DATA

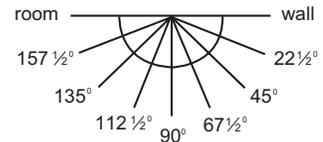
All dimensions are inches (centimeters) unless otherwise noted.



- Aperture: 6 (15.2)
- Ceiling opening: 6-5/8 (16.8)
- Overlap trim: 7-3/16 (18.3)

TECHNICAL INFORMATION

Footcandle values are initial and tables are based on minimum of six units. For fixture-to-wall distance other than those shown, use maximum of one-to-one spacing (distance between fixtures not more than distance to wall) for best results.



Fixture/Lamp	Candlepower Data	Footcandle values
--------------	------------------	-------------------

SQHZW 70M 6AR

70W MHC70/C/U lamp

5800 rated lumens

Test No. LTL16111

Vertical Angle	Plane Angle				Wall
	Room Side	90°	67.5°	45°	
0°	1616	1616	1616	1616	1616
5°	1596	1623	1647	1665	1675
15°	1435	1517	1637	1749	1775
25°	1006	1127	1448	1608	1625
35°	580	653	975	1255	1269
45°	348	369	524	814	855
55°	179	221	283	500	614
65°	62	103	161	270	408
75°	13	24	51	77	164
85°	3	2	2	1	1
90°	0	0	0	0	0

	3 ft. from wall on 3 ft. centers			3 ft. from wall on 4 ft. centers		
	1	27	14	27	25	8
2	48	40	48	42	25	42
3	48	48	48	40	31	40
4	45	48	45	37	33	37
5	40	42	40	31	31	31
6	33	34	33	25	26	25
7	27	28	27	21	21	21
8	22	22	22	17	17	17
9	18	18	18	14	14	14
10	15	15	15	12	12	12

SQHZW 100M 6AR

100W MHC100/C/U lamp

8800 rated lumens

Test No. LTL16115

Vertical Angle	Plane Angle				Wall
	Room Side	90°	67.5°	45°	
0°	2419	2419	2419	2419	2419
5°	2380	2421	2474	2496	2518
15°	2123	2247	2452	2636	2701
25°	1483	1662	2161	2446	2504
35°	860	973	1453	1899	1970
45°	513	545	787	1245	1361
55°	261	322	420	762	976
65°	92	151	238	418	647
75°	20	36	76	117	255
85°	4	4	3	2	1
90°	0	0	0	0	0

	3 ft. from wall on 3 ft. centers			3 ft. from wall on 4 ft. centers		
	1	42	22	42	39	12
2	75	61	75	66	38	66
3	74	72	74	63	47	63
4	70	72	70	57	50	57
5	60	63	60	47	46	47
6	50	51	50	38	39	38
7	41	41	41	31	32	31
8	34	34	34	26	26	26
9	27	27	27	21	21	21
10	22	22	22	17	17	17

SQHZW 70M 6DSR

70W MHC70/C/U lamp

5800 rated lumens

Test No. LTL16112

Vertical Angle	Plane Angle				Wall
	Room Side	90°	67.5°	45°	
0°	1292	1292	1292	1292	1292
5°	1294	1322	1342	1361	1369
15°	1230	1337	1443	1504	1506
25°	902	1059	1334	1482	1446
35°	546	656	941	1198	1160
45°	352	389	542	838	841
55°	211	248	317	531	624
65°	95	144	193	297	428
75°	31	55	83	109	193
85°	7	10	10	11	16
90°	0	0	0	0	0

	3 ft. from wall on 3 ft. centers			3 ft. from wall on 4 ft. centers		
	1	31	19	31	28	12
2	51	44	51	44	28	44
3	49	51	49	41	34	41
4	44	48	44	36	34	36
5	38	40	38	29	30	29
6	31	33	31	24	25	24
7	26	26	26	19	20	19
8	21	21	21	16	16	16
9	17	17	17	13	13	13
10	14	14	14	11	11	11

SQHZW 100M 6DSR

100W MHC100/C/U lamp

8800 rated lumens

Test No. LTL16116

Vertical Angle	Plane Angle				Wall
	Room Side	90°	67.5°	45°	
0°	1944	1944	1944	1944	1944
5°	1942	1991	2028	2055	2067
15°	1830	1998	2173	2280	2297
25°	1331	1570	2005	2253	2226
35°	813	975	1407	1824	1799
45°	520	575	810	1290	1334
55°	310	363	468	818	983
65°	141	211	284	456	670
75°	47	82	120	164	293
85°	11	14	15	15	22
90°	0	0	0	0	0

	3 ft. from wall on 3 ft. centers			3 ft. from wall on 4 ft. centers		
	1	48	29	48	43	18
2	79	67	79	69	43	69
3	76	78	76	64	51	64
4	68	73	68	55	51	55
5	57	61	57	44	45	44
6	48	49	48	36	37	36
7	39	39	39	29	30	29
8	31	31	31	24	24	24
9	25	25	25	19	20	19
10	20	20	20	16	16	16

PHOTOMETRY NOTES

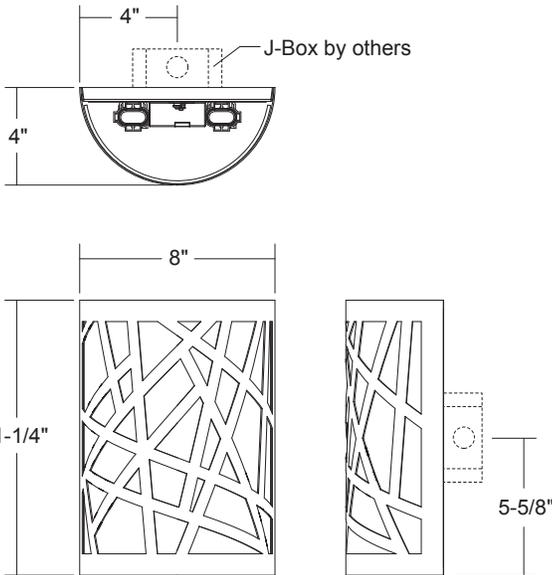
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.

Wall Sconce



QUICK FIND #: QF-3243

ADA



Weight Hanging (lbs.)

F / 6152 8 lbs.

Notes:

- UL listed and cUL approved 
- Winona Lighting products are union made.
- Custom Sizes and Finishes available upon request.
- All Fluorescent fixtures available in 120V and 277V.
- Winona Lighting reserves the right to make design changes without prior notice.
- Lamps not included.

1. **6152**
 CATALOG # 6152

2. **F**
 LAMPING 6152
 F = (2) CFT13W/2GX7

3.
 VOLTAGE 120V = 120 VOLT
 277V = 277 VOLT

4. **OA**
 LENS OPTION OA = OPAL ACRYLIC (*etched*)

5.
 FINISH STANDARD
 BAL = BRUSHED ALUMINUM
 LBP = LIGHT BRONZE PAINT WITH BRUSHED TEXTURE
 CUSTOM
 CPF = CUSTOM PAINTED FINISH (*consult factory*)
 CMF = CUSTOM METAL FINISH (*consult factory*)

6.
 SPECIAL STD = STANDARD
 MOD = MODIFIED

Modification Descriptions: (if needed)