



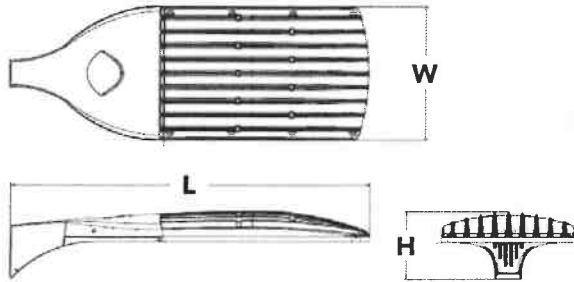
D-Series Size 2 LED Area Luminaire



d²series

Specifications

EPA:	2.0 ft ² (0.19 m ²)
Length:	40" (101.6 cm)
Width:	15" (38.1 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	39 lbs (17.7 kg)



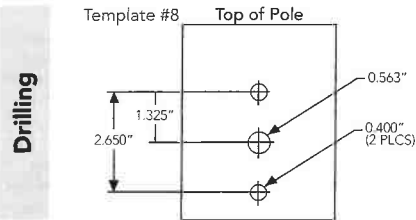
The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. The Size 2 is ideal for replacing 400-1000W metal halide in area lighting applications with energy savings of up to 80% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX2 LED 80C 1000 40K T4M MVOLT SPA DDBXD

Series	Performance Package	Distribution	Voltage	Mounting	Control Options	Other Options	Finish (required)		
DSX2 LED	LEDs 80C 80 LEDs (four engines)	T1S Type I Short	MVOLT ³ 120 ³	Shipped included SPA Square pole mounting		Shipped installed PER NEMA twist-lock receptacle only (no controls)		Shipped installed HS House-side shield ⁹ DBLXD Black	
		T2S Type II Short							
	T3S Type III Short	240 ³							
	T3M Type III Medium	277 ³							
	T4M Type IV Medium	347							
	TFTM Forward Throw Medium	480							
	T5VS Type V Very Short								
	T5S Type V Short								
	T5M Type V Medium								
	T5W Type V Wide								
	Drive current								
	530	530 mA							
700	700 mA								
1000	1000 mA (1 A) ¹								
Color temperature									
30K	3000K								
40K	4000K ²								
50K	5000K								



DSX2 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90°
DM28AS	2 at 180°	DM39AS	3 at 90°
DM49AS	4 at 90°	DM32AS	3 at 120°*

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

Controls & Shields

DSX124F 1.5 TJE U	Photocell - SSL twist-lock (120-277V) ¹¹
REN277-NM1 U	ROAM [®] node (277V) ¹¹
SC U	Shorting cap ¹¹
DSX2HS 80C U	House-side shield for 80 LED unit
DSX2HS 100C U	House-side shield for 100 LED unit
SPA19/MR2 DDBXD U	Square pole DM19 to DM19AS adapter (specify finish)
RPA19/MR2 DDBXD U	Round pole DM19 to DM19AS adapter (specify finish)

For more control options, visit DTL and ROAM online.

Tenon Mounting Slipfitter *

Tenon O.D.	Slipfitter O.D.	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-180	AST20-260	AST20-290	AST20-320	AST20-380	AST20-480
2-7/8"	AST25-180	AST25-260	AST25-290	AST25-320	AST25-380	AST25-480
4"	AST35-180	AST35-260	AST35-290	AST35-320	AST35-380	AST35-480

* For round pole mounting (RPA) only.

NOTES

- Available with 80 LEDs (80C option) only.
- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- 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).
- Not available with 347 or 480V.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
- Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, DMG or WTB.
- Requires an additional switched line.
- Specifies the SensorSwitch SBR-3-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR or WTB.
- Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.



Performance Data

Lumen Output

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. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	Performance Package	System Watts	Dist. Type	40K (4000K, 70 CRI)					50K (5000K, 67 CRI)				
					Lumens	B	D	G	EPW	Lumens	B	D	G	EPW
					80C (80 LEDs)									
700	80C 700 --K	188W	T1S	16,714	3	0	3	89	17,647	3	0	3	94	
			T2S	17,233	3	0	3	92	18,196	3	0	3	97	
			T2M	16,839	3	0	3	90	17,779	3	0	3	95	
			T3S	16,818	3	0	3	89	17,757	3	0	3	94	
			T3M	16,970	3	0	4	90	17,918	3	0	4	95	
			T4M	17,201	3	0	4	91	18,162	3	0	4	97	
			TFTM	16,944	3	0	4	90	17,890	3	0	4	95	
			T5VS	17,899	5	0	1	95	18,899	5	0	1	101	
			T5S	18,032	4	0	2	96	19,039	4	0	2	101	
			T5M	18,063	5	0	3	96	19,072	5	0	3	101	
T5W	17,798	5	0	3	95	18,792	5	0	3	100				
1000	80C 1000 --K	275W	T1S	22,771	3	0	3	83	24,137	3	0	3	88	
			T2S	23,479	3	0	3	85	24,887	3	0	3	90	
			T2M	22,941	3	0	3	83	24,317	3	0	3	88	
			T3S	22,912	3	0	3	83	24,287	3	0	3	88	
			T3M	23,120	3	0	4	84	24,508	3	0	4	89	
			T4M	23,435	3	0	4	85	24,841	3	0	4	90	
			TFTM	23,084	3	0	4	84	24,469	3	0	4	89	
			T5VS	24,386	5	0	1	89	25,849	5	0	1	94	
			T5S	24,567	4	0	2	89	26,041	4	0	2	95	
			T5M	24,610	5	0	3	89	26,086	5	0	3	95	
T5W	24,247	5	0	3	88	25,702	5	0	3	93				
100C (100 LEDs)	700	100C 700 --K	218W	T1S	20,722	3	0	3	95	21,883	3	0	3	100
				T2S	21,366	3	0	3	98	22,563	3	0	3	103
				T2M	20,876	3	0	3	96	22,046	3	0	3	101
				T3S	20,850	3	0	3	96	22,019	3	0	3	101
				T3M	21,039	3	0	4	97	22,219	3	0	4	102
				T4M	21,326	3	0	4	98	22,521	3	0	4	103
				TFTM	21,007	3	0	4	96	22,184	3	0	4	102
				T5VS	22,191	5	0	1	102	23,435	5	0	1	108
				T5S	22,356	4	0	2	103	23,609	4	0	2	108
				T5M	22,395	5	0	3	103	23,650	5	0	3	108
T5W	22,065	5	0	3	101	23,302	5	0	3	107				

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

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	DSX2 LED 80C 1000			
	1.0	0.95	0.92	0.88
Lumen Maintenance Factor	DSX2 LED 100C 700			
	1.0	0.98	0.97	0.95

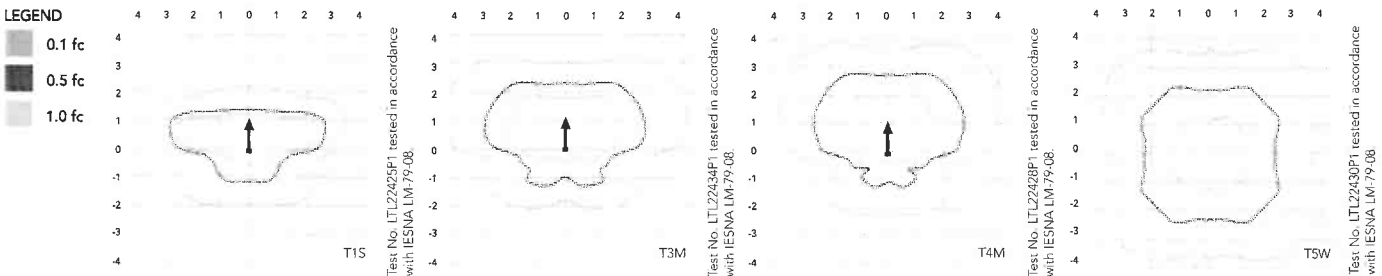
Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
80	530	142W	1.31	0.76	0.66	0.57	0.45	0.33
	700	188W	1.74	1.00	0.87	0.75	0.60	0.44
	1000	275W	2.55	1.47	1.27	1.10	0.88	0.64
100	530	175W	1.62	0.93	0.81	0.70	0.56	0.41
	700	218W	2.02	1.16	1.01	0.87	0.70	0.50

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 2 homepage.

Isfootcandle plots for the DSX2 LED 80C 1000 40K. Distances are in units of mounting height (30').



FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Area Size 2 reflects the embedded high performance LED technology. It is ideal for applications like car dealerships and large parking lots adjacent to malls, transit stations, grocery stores, home centers, and other big-box retailers.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (2.0 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000K (80 min. CRI), 4000K (70 min. CRI), or 5000K (65 min. CRI) configurations. The D-Series Size 2 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of 80 or 100 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L95/100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily-serviceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 2 to withstand up to a 2.0 G vibration load rating per ANSI C136.31. The D-Series Size 2 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. and international patents pending.

WARRANTY

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

Note: Specifications subject to change without notice.

Product Description

The Philips Hadco RD6 and RF6 bollard is now equipped with state-of-the-art LED lighting solutions that deliver a better quality of light while also providing energy savings.

Construction

RF6 head is 1100-0 spun aluminum alloy. RD6 head is 356 HM high-strength low copper, proprietary cast aluminum alloy, secured to the lower housing with a single stainless steel allen head screw providing easy removal for relamping. Easy access to lamp. Lower body is 6" diameter extruded aluminum tubing with a 0.125" wall thickness.

The **Philips EnduraLED A19** lamp is 2700K warm white, delivers 800 lumens and is also dimmable.* 120 volt and ETL, cETL listed.

* For dimmer capabilities, consult factory.



Integrated Module Spec.

10 LEDs @ 700 mA

Color Temperature:

3,000K (3K) delivering 66 lumen per LED

4,000K (4K) delivering 100 lumen per LED

(10 LEDs = 25 Watts)



RD6



RF6

Ordering Guide

Example: RD6 A K5 12L W E

Model	Finish	Optics	Wattage	(CCT)	Voltage
RD6	A - Black	KF - Cone	12L - 12.5W (LED / Med. Socket)	N - Neutral	A - 120 to 277V
RF6	H - Bronze I - Grey	K5 - Type V Refractor	10 - 25W (10 LED / Module)	W - Warm	E - 120V
()	()	()	12L	W	E
()	()	KF	10	()	A

RD6 and RF6 Specifications

RD6 and RF6 Bollards

Dimensions:

RD6

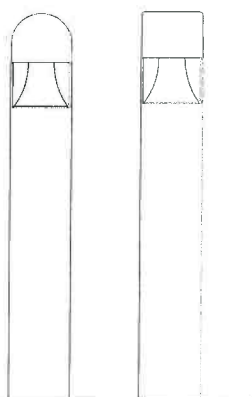
6" (Round) x 38 1/8" (H)

RF6

6" (Square) x 37 3/4" (H)



Bolt Circle: 3"



RD6

RF6

PHILIPS
HADCO

www.hadco.com

100 Craftway Drive, P.O. Box 128, Littlestown, PA 17340

Phone: 1-866-423-2658 • Fax: 717-359-0618

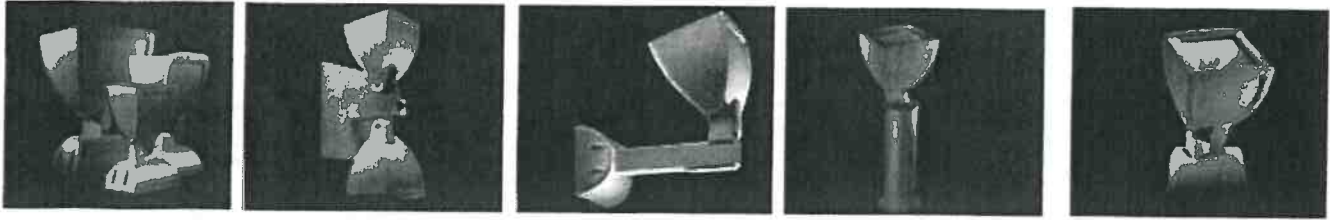
Printed in U.S.A. PH-1137-1202-25H

Full specification sheets, IES files, ISO files and ordering guide information can be found at www.hadco.com.

FLAGPOLE UPLIGHT MASQUE

CERAMIC METAL HALIDE AND AND PULSE START METAL HALIDE

EXTERIOR ARCHITECTURAL FACADE LIGHTING



SPECIFICATIONS	
OPTICS	<p>Narrow Wash (10°) Asymmetric Narrow Spot (10°)</p> <p>Medium Narrow Wash (20°) Horizontal Offset Wide Spot (20°)</p> <p>Deep Wash (65°-74°) Symmetric Offset</p>
LIGHT SOURCES	<p>MASQUE 1 Ceramic Metal Halide 20W, 39W & 70W</p> <p>MASQUE 2 Ceramic Metal Halide 70W & 150W</p> <p>MASQUE 4 Ceramic Metal Halide 150W, 210W & 315W Pulse Start Metal Halide 250W & 400W</p>
ELECTRICAL	<p>Input Voltage: 120V to 277V. All ballasts are integral to the fixture. All fixtures are tested prior to shipment.</p> <p>Ceramic Metal Halide ballasts are electronic, high power factor, "A" sound rated and have a THD of less than 10%, available in 120V or 277V. See ordering information for details.</p> <p>Pulse Start Metal Halide ballasts are HPF core/coil assemblies available in 120V - 347V. See ordering information for details.</p>
PHYSICAL	<p>Dimensions (Height X Width X Depth) MASQUE 1 - SM Mounting: 9-5/8" x 5-1/8" X 6-3/4" MASQUE 2 - SM Mounting: 12-3/4" x 5-3/4" X 7-1/8" MASQUE 4 - SM Mounting: 21" x 9-1/2" X 13-1/8"</p> <p>Weight MASQUE 1 - SM Mounting: 7 lbs (3.17 kg) MASQUE 2 - SM Mounting: 12 lbs (5.44 kg) MASQUE 4 - SM Mounting: 47 lbs (21.32 kg)</p> <p>Housing: Heavy duty die-cast aluminum, powder-coated finish</p> <p>EPA MASQUE 1 - SM Mounting: 0.551 FT² MASQUE 2 - SM Mounting: 0.891 FT² MASQUE 4 - SM Mounting: 2.269 FT²</p> <p>Lens: Tempered glass</p>
CERTIFICATION	Certification: UL/CUL for Use in Wet Locations

EXTERNAL SHIELD OPTIONS



ECB
Cross Baffle
Shielding in vertical and horizontal planes.



EAH
Adjustable Horizontal Baffle
Glare cutoff in the vertical plane. Field adjustable.



EHB
Horizontal Baffle
Glare cutoff in the vertical plane.



EAV
Adjustable Vertical Baffle
Glare cutoff in the horizontal plane.



EVB
Vertical Baffle
45° shielding for low brightness lateral cutoff.



VS
Cutoff Visor
Shielding for cutoff in front of the luminaire.



BD
Barn Doors
Flexible framing of the beam pattern.



FS
Adjustable Framing Snoot
Glare control for precise beam framing.



**EXTERIOR ARCHITECTURAL
FACADE LIGHTING**

FACADE LIGHTING

MASQUE

CERAMIC METAL HALIDE AND AND PULSE START METAL HALIDE

ORDERING INFORMATION

SUBMIT COLOR
SAMPLES FOR
SELECTION

PREFIX (WATTAGE/LIGHT SOURCE)	OPTICS	MOUNTING	VOLTAGE	FINISH	OPTIONS & ACCESSORIES
<p>MASQUE 1 CERAMIC METAL HALIDE</p> <p>MQ1-20CMH 20W CMH, T4.5, G8.5 ANSI156</p> <p>MQ1-39CMH 39W CMH, T4, G8.5 ANSI130</p> <p>MQ1-70CMH 70 CMH, T4, T4.5, G8.5 ANSI139</p>	<p>MASQUE 1 OPTICS</p> <p>NW = Narrow Wash (10°) *</p> <p>MW = Medium Narrow Wash (20°)</p> <p>DWW = Deep Wallwash (65°-74°)</p> <p>ASY = Asymmetric</p> <p>HO = Horizontal Offset</p> <p>SO = Symmetric Offset</p> <p>NS = Narrow Spot (10°) *</p> <p>WS = Wide Spot (20°)</p>	<p>MASQUE 1</p> <p>SM = Surface Mount, Wall or Ground</p> <p>CM = Conduit Mount</p> <p>EX-X = Extended Arm, X = Arm length</p> <p>WM2-X = Wall Mount, Twin Fixture Uplight & Downlight X = Arm length</p> <p>ST-X = Stanchion, X = Stanchion height</p>	<p>MASQUE 1</p> <p>1 = 120V</p> <p>2 = 277V</p>	<p>TW = Textured White</p> <p>TBL = Textured Black</p> <p>TBR = Textured Bronze</p> <p>TLB = Textured Light Bronze</p> <p>TN = Textured Natural</p> <p>TS = Textured Sandstone</p> <p>SF = Specify Finish #</p> <p>CC = Custom Color #</p> <p>*Contact factory. Additional charges will apply.</p>	<p>FASCIAS</p> <p>Fascia options are limited by lamp and/or optics. Please contact factory for details</p> <p>EXTERNAL SHIELDS</p> <p>ECB = Cross Baffle</p> <p>EAH = Adjustable Horizontal Baffle</p> <p>EHB = Horizontal Baffle</p> <p>EAV = Adjustable Vertical Baffle</p> <p>EVB = Vertical Baffle</p> <p>BD = Barn Doors</p> <p>VS = Cutoff Visor</p> <p>WG = Wire Guard</p> <p>FS = Adjustable Snoot</p> <p>SN = Snoot • SN is available with Masque 1 & 2 only. Contact factory for availability with Masque 4</p> <p>CFS = Color Filter/Snoot • Contact factory for filter color selections.</p> <p>• CFS is available with Masque 1 & 2 only</p> <p>OPTIONS</p> <p>TP = Tamper Proof Fasteners</p> <p>CRF = Corrosion Resistant Finish</p> <p>• CRF is recommended for coastal or extreme exterior environments.</p> <p>• Contact factory for available finishes.</p>
<p>MASQUE 2 CERAMIC METAL HALIDE</p> <p>MQ2-70CMH 70W CMH, T6, G12 ANSI139</p> <p>MQ2-150CMH 150 CMH, T6, G12 ANSI142</p>	<p>MASQUE 2 OPTICS</p> <p>NW = Narrow Wash (10°) *</p> <p>MW = Medium Narrow Wash (20°)</p> <p>DWW = Deep Wallwash (65°-74°)</p> <p>ASY = Asymmetric</p> <p>HO = Horizontal Offset</p> <p>SO = Symmetric Offset</p> <p>NS = Narrow Spot (10°) *</p> <p>WS = Wide Spot (20°)</p>	<p>MASQUE 2</p> <p>SM = Surface Mount, Wall or Ground</p> <p>CM = Conduit Mount</p> <p>EX-X = Extended Arm, X = Arm length</p> <p>WM2-X = Twin Fixture, Wall Mount Uplight & Downlight X = Arm length</p> <p>ST-X = Stanchion, X = Stanchion height</p>	<p>MASQUE 2</p> <p>1 = 120V</p> <p>2 = 277V</p>	<p>TW = Textured White</p> <p>TBL = Textured Black</p> <p>TBR = Textured Bronze</p> <p>TLB = Textured Light Bronze</p> <p>TN = Textured Natural</p> <p>TS = Textured Sandstone</p> <p>SF = Specify Finish #</p> <p>CC = Custom Color #</p> <p>*Contact factory. Additional charges will apply.</p>	<p>FASCIAS</p> <p>Fascia options are limited by lamp and/or optics. Please contact factory for details</p> <p>EXTERNAL SHIELDS</p> <p>ECB = Cross Baffle</p> <p>EAH = Adjustable Horizontal Baffle</p> <p>EHB = Horizontal Baffle</p> <p>EAV = Adjustable Vertical Baffle</p> <p>EVB = Vertical Baffle</p> <p>BD = Barn Doors</p> <p>VS = Cutoff Visor</p> <p>WG = Wire Guard</p> <p>FS = Adjustable Snoot</p> <p>SN = Snoot • SN is available with Masque 1 & 2 only. Contact factory for availability with Masque 4</p> <p>CFS = Color Filter/Snoot • Contact factory for filter color selections.</p> <p>• CFS is available with Masque 1 & 2 only</p> <p>OPTIONS</p> <p>TP = Tamper Proof Fasteners</p> <p>CRF = Corrosion Resistant Finish</p> <p>• CRF is recommended for coastal or extreme exterior environments.</p> <p>• Contact factory for available finishes.</p>
<p>MASQUE 4 CERAMIC METAL HALIDE</p> <p>MQ4-150CMH 150 CMH, T6, G12, ANSI142</p> <p>MQ4-210CMH 210 CMH, T9, ANSI M183</p> <p>MQ4-315CMH 315 CMH, T9, ANSI M182</p> <p>PULSE START METAL HALIDE</p> <p>MQ4-250MH 250 PSMH, ED28, ANSI153</p> <p>MQ4-400MH 400 PSMH (ED28), ANSI155</p>	<p>MASQUE 4 OPTICS - CMH</p> <p>NS = Narrow Spot 150W (6°), 210/315W (11°)</p> <p>NW = Narrow Wash 150W (6°), 210/315W (11°)</p> <p>DWW = Deep Wall Wash 210W/315W (65-74°)</p> <p>MASQUE 4 OPTICS - PSMH</p> <p>MW = Medium Narrow Wash (25°)</p> <p>DWW = Deep Wallwash (65°-74°)</p> <p>VO = Vertical Offset</p> <p>HO = Horizontal Offset</p> <p>SO = Symmetric Offset</p> <p>WS = Wide Spot (25°)</p>	<p>MASQUE 4</p> <p>SM = Surface Mount Wall or Ground</p> <p>CM = Conduit Mount</p> <p>EX-X = Extended Arm X = Arm length</p> <p>ST-X = Stanchion, X = Stanchion height</p>	<p>MASQUE 4</p> <p>150W CMH 1 = 120V</p> <p>2 = 277V</p> <p>210W - 315W CMH 2 = 277V</p> <p>250W - 400 PSMH 1 = 120V</p> <p>2 = 277V</p> <p>7 = 347V</p>	<p>TW = Textured White</p> <p>TBL = Textured Black</p> <p>TBR = Textured Bronze</p> <p>TLB = Textured Light Bronze</p> <p>TN = Textured Natural</p> <p>TS = Textured Sandstone</p> <p>SF = Specify Finish #</p> <p>CC = Custom Color #</p> <p>*Contact factory. Additional charges will apply.</p>	<p>FASCIAS</p> <p>Fascia options are limited by lamp and/or optics. Please contact factory for details</p> <p>EXTERNAL SHIELDS</p> <p>ECB = Cross Baffle</p> <p>EAH = Adjustable Horizontal Baffle</p> <p>EHB = Horizontal Baffle</p> <p>EAV = Adjustable Vertical Baffle</p> <p>EVB = Vertical Baffle</p> <p>BD = Barn Doors</p> <p>VS = Cutoff Visor</p> <p>WG = Wire Guard</p> <p>FS = Adjustable Snoot</p> <p>SN = Snoot • SN is available with Masque 1 & 2 only. Contact factory for availability with Masque 4</p> <p>CFS = Color Filter/Snoot • Contact factory for filter color selections.</p> <p>• CFS is available with Masque 1 & 2 only</p> <p>OPTIONS</p> <p>TP = Tamper Proof Fasteners</p> <p>CRF = Corrosion Resistant Finish</p> <p>• CRF is recommended for coastal or extreme exterior environments.</p> <p>• Contact factory for available finishes.</p>
ORDERING EXAMPLE MQ1-20CMH / MW / SM / 1 / TW / BD					
PREFIX (WATTAGE/LIGHT SOURCE)	OPTICS	MOUNTING	VOLTAGE	FINISH	OPTIONS & ACCESSORIES

INSIGHT

Tel: 505-345-0888

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FEATURES & SPECIFICATIONS

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .125" or .188". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor Bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

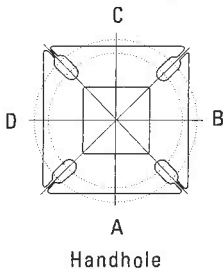
ORDERING INFORMATION

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

Example: SSS 20 5C DM19 DDB

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting ¹	Options	Finish ⁷
SSS	10 – 39 feet (see back page.)	(See back page.)	Tenon mounting PT Open top T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS)	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture) ^{4,5} FDLxx Festoon outlet less electrical ⁴ CPL12xx 1/2" coupling ⁴ CPL34xx 3/4" coupling ⁴ CPL1xx 1" coupling ⁴ NPL12xx 1/2" threaded nipple ⁴ NPL34xx 3/4" threaded nipple ⁴ NPL1xx 1" threaded nipple ⁴ EHHxx Extra handhole ^{4,6}	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum GALV Galvanized finish Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish) ⁷
			Drill mounting² DM19 1 at 90° DM28 2 at 180° DM28PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90°		
			AERIS™/OMERO™ Drill mounting² DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°		
			AERIS™ Suspend drill mounting^{2,3} DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90°		
			OMERO™ Suspend drill mounting^{2,3} DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°		

HANDHOLE ORIENTATION



NOTES:

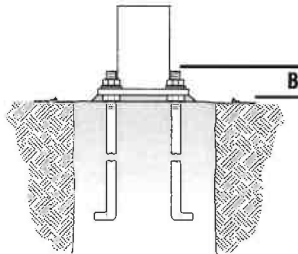
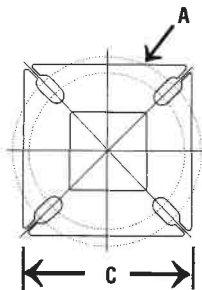
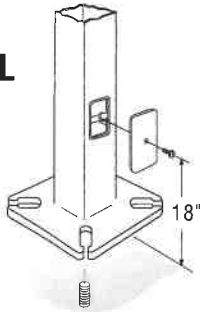
- When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Specify location and orientation when ordering option.
For 1st "x": Specify the height in feet above base of pole.
Example: 5ft = 5 and 20ft = 20
For 2nd "x": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram above.
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
- Combination of tenon-top and drill mount includes extra handhole.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

SSS Square Straight Steel Poles

TECHNICAL INFORMATION

Catalog Number	Nominal shaft length (feet)	Pole Shaft Size (in x ft)	Wall Thickness (inches)	Gauge	EPA (ft ²) with 1.3 gust						Bolt Circle (inches)	Bolt Size (in. x in. x in.)	Approximate ship weight (pounds)
					80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.125	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.125	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.125	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.125	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.125	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.125	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.188	7	14.0	350	11.0	275	8.0	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.125	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.188	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.125	11	4.8	150	2.6	100	1.0	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.188	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.125	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.188	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.188	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.125	11	4.7	150	2.0	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.188	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.188	7	19.0	475	13.2	330	9.0	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.188	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.188	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.188	7	7.2	180	3.0	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



Shaft base size	Pole Data						Anchor bolt and template number
	Bolt circle A	Bolt projection B	Base square	Template description	Anchor bolt description		
4"C	8-1/2"	2-3/4"-4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C	
4"G	8-1/2"	2-3/4"-4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G	
5"	10"-12"	3-3/8"-4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5	
6"	11"-13"	3-3/8"-4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A	

IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

IMPORTANT:

- These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.