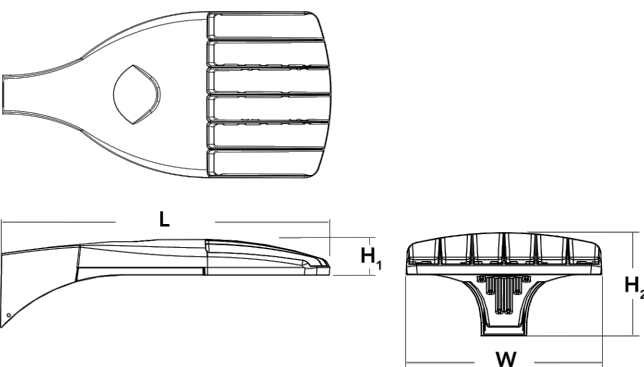


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Specifications

EPA: 0.95 ft² (0.09 m²)
Length: 26" (660 mm)
Width: 13" (330 mm)
Height: 3" (76 mm)
Height: 7" (178 mm)
Weight (max): 16 lbs (7.25 kg)



A+ Capable options indicated by this color background.

Ordering Information EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED					
P1 P4 P7	Forward optics	30K 3000 K	T1S Type I short	T1S Type I short	MVOLT ¹
		40K 4000 K	T2S Type II short	T2S Type II short	120 ¹
		50K 5000 K	T2M Type II medium	T2M Type II medium	208 ¹
			T3S Type II short	T3S Type II short	240 ¹
			T3M Type II medium	T3M Type II medium	277 ¹
P10 P12 P17	Rotated optics		BLC Backlight control ²	BLC Backlight control ²	
			LCCO Left corner cutoff ³	LCCO Left corner cutoff ³	
			RCCO Right corner cutoff ³	RCCO Right corner cutoff ³	
T1T1M T1T1S	Forward throw medium				
			TSVS Type V very short	TSVS Type V very short	

Control options	Other options	Finish required
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ⁹ PIRHN Network, high-flow motion/ambient sensor ⁸ PER Network, high-flow motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 16" ¹⁰ PERES Five-pin receptacle only (control ordered separately) ¹¹ PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separately) ¹¹ DMG 0-10V dimming extend out back of housing for external control (control ordered separately)	PIR High-flow, motion/ambient sensor, 8-15° mounting height, ambient sensor enabled at 16" ¹⁰ PIRHN High-flow, motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 16" ¹⁰ PIR7FCV High-flow, motion/ambient sensor, 8-15° mounting height, ambient sensor enabled at 16" ¹⁰ PIR7FCV High-flow, motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 16" ¹⁰ FAO Field adjustable output ¹²	Shipped installed HS House-side shield ¹⁴ SF Single fuse (120, 277, 347V) ¹ DF Double fuse (208, 240, 480V) ¹ LWS Left rotated optics ¹ RRO Right rotated optics ¹ DOL Diffused drop lens ¹ Shipped separately BS Bird spikes ¹ EGS External glass shield ¹

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Specifications

Diameter: 8" Round (203.1 mm)
Height: 42" (1067.7 mm)
Weight (max): 27 lbs (12.25 kg)



Ordering Information EXAMPLE: DSXB LED 16C 700 40K SYM MVOLT DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Control options	Other options	Finish required
DSXB LED								
DSXB LED	Asymmetric 12C 12 LED ³	350 350 mA	30K 3000 K	ASY Asymmetric ¹	MVOLT ¹	PE Photometric cell, bottom type		White
		450 450 mA ¹⁴	40K 4000 K	SYM Symmetric ²	120 ¹	SF Single fuse (120, 277, 347V) ¹		Natural aluminum
	Symmetric 16C 16 LED ³	530 530 mA	50K 5000 K	DF Double face (208, 240V) ¹	208 ¹	DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)		Dark bronze
		700 700 mA	AMBC Amber phosphor converted	H24 24" overall height	277 ¹	H30 30" overall height		Black
			AMBLW Amber limited wastelight ¹⁵	H36 36" overall height	347 ¹	FG Ground-fault location outlet		Tested dark bronze
						L/AB Without anchor bolts		Tested black
						L/AB 4-bolt retrofit base without anchor bolts ¹		Natural aluminum
						ELCW Emergency battery backup ¹		Tested white

Accessories
Ordered and shipped separately.
MRA8 U Anchor bolts for DSXB¹

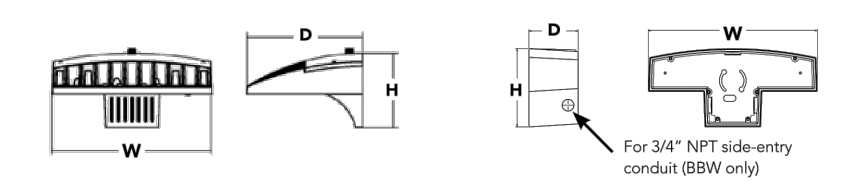
- NOTES
- 1 Only available in the 12C, ASY version.
 - 2 Only available in the 16C, SYM version.
 - 3 Only available with 450 AMBLW version.
 - 4 Not available with ELCW.
 - 5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photoelectric (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 MRA8 U not available with L/AB option.

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Specifications

Width: 13-3/4" (34.9 cm)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)



Ordering Information EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED							
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines) ¹	350 350 mA	30K 3000 K	T2S Type II Short	MVOLT ¹	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ¹	Shipped installed FE Photoelectric cell, button type ¹ DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15° mg to 1° PIR7 Motion/ambient sensor, 8-15° mounting height, ambient sensor enabled at 16" ¹⁰ PIR7FCV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 16" ¹⁰ ELCW Emergency battery backup (includes external component enclosure), CA Title 20 Noncompliant ¹⁸
		530 530 mA	40K 4000 K	T2M Type II Medium	120 ¹		
		700 700 mA	50K 5000 K	T3S Type II Short	208 ¹		
		1000 1000 mA (1 A) ¹	AMBC Amber phosphor converted	T3M Type II Medium	240 ¹		
				T4M Type IV Medium	277 ¹		
				T1T1M Forward throw medium	347 ¹		
				ASYDF Asymmetric diffuse	480 ¹⁴		

Driver Options	Finish required
Shipped installed SF Single fuse (120, 277 or 347V) ¹⁴ DF Double fuse (208, 240 or 480V) ¹ HS House-side shield ¹¹ SPD Separate surge protection ¹⁵	DDBK Dark bronze BSW Bad-deckent spikes DNG Natural aluminum DWB White DOL Diffused drops

- Accessories**
Ordered and shipped separately.
DSXBV1 House-side shield (one per light engine)
DSXBW1 Bad-deckent spikes
DSXBW2 Wire guard assembly
DSXBW3 Head guard assembly
- NOTES
- 1 20C, 1000 is not available with PIR, PIRN, PIR7FCV or PIR7HFCV.
 - 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
 - 3 Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
 - 4 Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRN.
 - 5 Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
 - 6 Photocell (FE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRN).
 - 7 Reference Motion Sensor table on page 3.
 - 8 Cold weather (SCW) issue. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode (ES) listed on product page at www.lithonia.com.
 - 9 Not available with SPD.
 - 10 Not available with ELCW.
 - 11 Also available as a separate accessory; see Accessories information.
 - 12 Not available with ELCW.

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FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting-plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-1/4" total adjustment. Two combination 1/2-24" and four 1/2" knockouts for straight-through conduit runs. Capacity 8 (4 in, 4 out), No. 12 AWG conductors, rated for 90°C.
Accommodates 12"-24" post spacing.
Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
Max ceiling thickness 1-1/2".
Self-flanged avoided reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 7% minimum dimming level available.
OPTICS — LEDs are housed in a 3-step SDCM 80 CRI minimum. LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.
Self-flanged avoided reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.lithonia.com/customer-service/terms_and_conditions.aspx
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: LDN6 35/15 LOGAR LSS MVOLT E210

Series	Color temperature	Lumens ¹	Aperture/Trim Color	Finish	Voltage
LDN6					
LDN6 6" round	27/ 2700K	05 500 lumens	L06 Downlight	AR Clear	MVOLT Multi-volt
	30/ 3000K	10 1000 lumens	L06 Wallwash	WR White	120 120V
	35/ 3500K	15 1500 lumens		WB White	277 277V
	40/ 4000K	20 2000 lumens		BR Black	347 ¹ 347V
	50/ 5000K	50 5000 lumens			

Driver	Options	
GE10 0-10V driver dims to 10%	SE ¹ Single fuse	NB0 ¹ nLight™ Lumen Compensation
GE11 0-10V driver dims to 1%	TBW ² Black painted flange	NPSB0Z ² nLight™ dimming pack controls 0-10V e-dsLED drivers (E210, E211, ER controls features on emergency circuit).
E210 0-10V e-dsLED driver with smooth and flicker-free deep dimming performance down to 10%	ELR Emergency battery pack with integral test switch. Not Certified in CA Title 20 MAEDBS	NPSB0ZER ³ nLight™ dimming pack controls 0-10V e-dsLED drivers (E210, E211, ER controls features on emergency circuit).
E21 0-10V e-dsLED driver with smooth and flicker-free deep dimming performance down to 1%	ELSD Emergency battery pack with self-diagnostics, integral test switch. Not Certified in CA Title 20 MAEDBS	HAQ ⁴ High ambient option
	E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB	CP ⁵ Chicago Plenum
	E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB	WEL Wet location, specify for exterior use applications
	NPP16D ⁶ nLight™ network power/relay pack with 0-10V dimming for non-e-dsLED drivers (GE10, GE11)	RELIC ⁷ ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RIR for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC125.
	NPP16DER ⁶ nLight™ network power/relay pack with 0-10V dimming for non-e-dsLED drivers (GE10, GE11). ER controls features on emergency circuit.	NLTABZ ⁸ nLight™ Air enabled
		NLTABZER ⁸ nLight™ Air/Dimming Pack Wireless. Controls features on emergency circuit
		USPOM US point of manufacture

- Accessories:** Order as separate catalog number.
- EX: CSM 375 Compact Intermittent emergency AC power system
EX: CSM 125 Compact Intermittent emergency AC power system
GRAB6 IZ Over-sized trim ring with 8" outside diameter¹
SCA6 Sloped ceiling adapter. Refer to ECH-SCA for more options.
- Notes
- 1 Overall height varies based on luminaire package; refer to dimensional chart on page 3.
 - 2 Not available with fixtures.
 - 3 Not available with emergency options.
 - 4 Fixture height is 6.5" for all luminaire packages with HAQ.
 - 5 Must specify voltage 120V or 277V.
 - 6 Available with clear (AR) reflector only.
 - 7 Specify voltage. ER for use with generator supply EM power. Will require an emergency hot lead and normal hot lead.
 - 8 Fixture begins at 80% light level. Must be specified with NPSBZ or NPSBZER. Only available with E210 and E211 drivers.
 - 9 Not available with CP, NPSB0Z, NPSB0ZER, NPP160, NPP16DER or NPP160.
 - 10 NLTABZ and NLTABZER not recommended for metal ceiling installation.
 - 11 Must specify voltage for 3000m, 3000m with standard spacing 24" x 24" or 18" x 18". Not available with emergency battery pack option.

DOWNLIGHT LDN6

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JOB NUMBER 19110
DATE 7-17-2019
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E3

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