

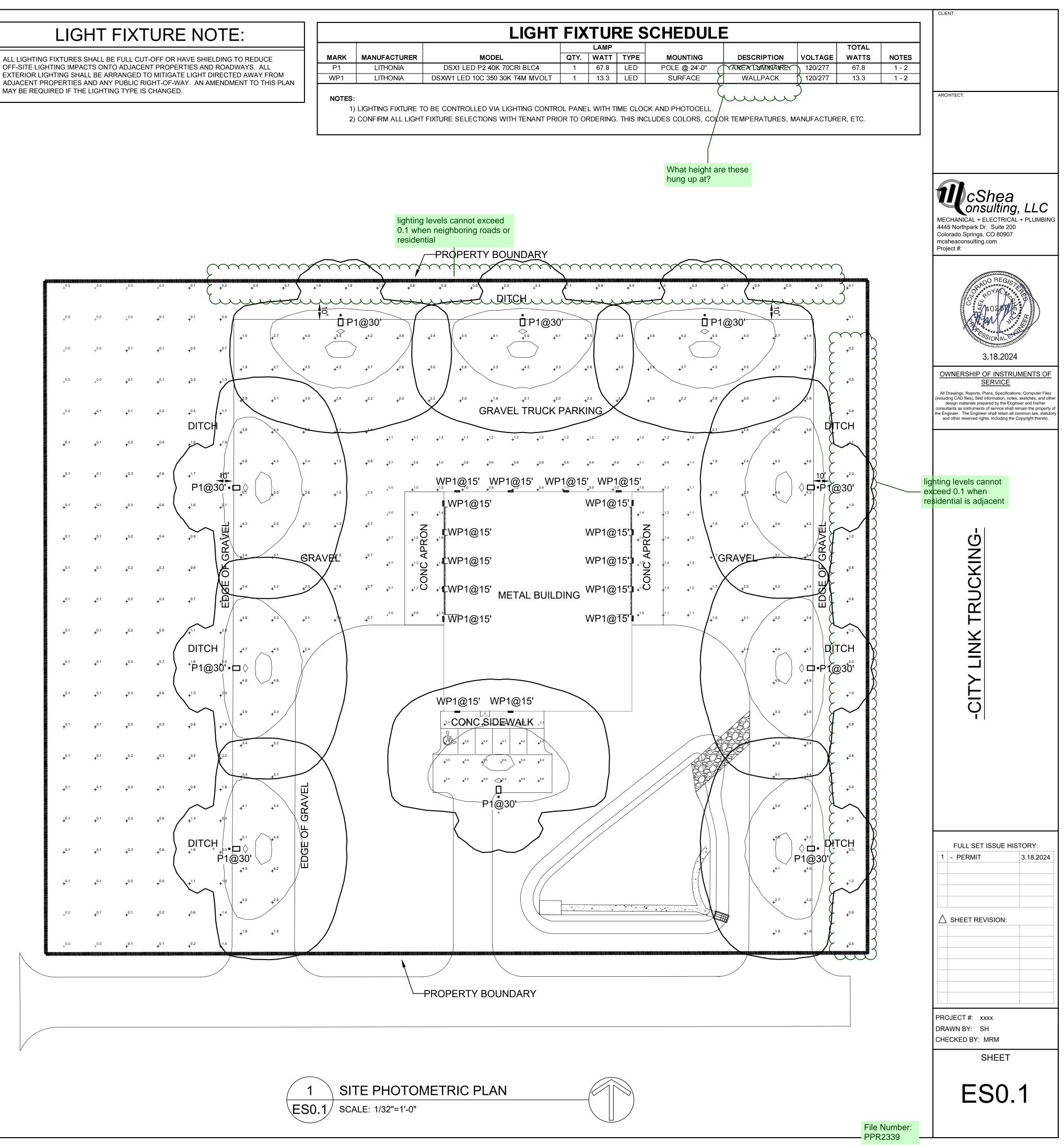


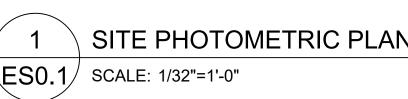




OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE ARRANGED TO MITIGATE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING TYPE IS CHANGED.

		LIG
MARK	MANUFACTURER	MODEL
P1	LITHONIA	DSX1 LED P2 40K 70CRI BLC
WP1	LITHONIA	DSXW1 LED 10C 350 30K T4M M





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

		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	77°C	1.00
30°C	86°F	0.99
35℃	95°F	0.98
40°C	104°F	0.97

## Projected LED Lumen Maintenance Data references the extrapolated performance projections for the platforr ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80 IESNA TM-21-11).

ating hours below. For other lumen maintenance values, contact factory.				
	Lumen Maintenance Factor			
0	1.00			
25,000	0.95			
50,000	0.90			
100.000	0.81			

## FAO Dimming Settings

8	100%	100%
7	93%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

package data. When calculating new values for given FAO position, use maximum published values by package listed on specification sheet (input watts and lumens by optic type).

orms noted in a <b>25°C</b> 80-08 and projected per		P9	60	1400	279	2.31	1.33	1.15	1.00	0.80	0.58
		P10	60	530	101	0.84	0.49	0.42	0.37	0.29	0.21
the desired number of ctory.	Rotated Optics (Requires L90		60	700	135	1.12	0.65	0.56	0.49	0.39	0.28
tenance Factor	or R90)	P12	60	1050	206	1.72	0.99	0.86	0.74	0.59	0.43
.00		P13	60	1400	279	2.30	1.33	1.15	1.00	0.79	0.57
.95									I		
.81											
	LED Col	or Tempei	rature	/ Color	Rend	ering	Multi	pliers	5		
		70 CRI			80CRI			90CRI			
		Lumen Multiplier	Availabili	ty Lumen Mu	ltiplier	Availab	oility	Lume	n Multiplier	Avai	lability

Electrical Load

(Non-Rotated)

	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability	
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)	
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)	
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)	
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)	
2700K	94%	(see note)	85%	85% Extended lead-time		(see note)	
Note: Some L	ED types are availabl	e as per spec	ial request. Contact 7	Fechnical Support for m	ore information.		

Wattage 120V 208V 240V 277V 347V 480V

P1 30 530 51 0.42 0.24 0.21 0.18 0.15 0.11

P2 30 700 68 0.56 0.33 0.28 0.24 0.20 0.14

P3 30 1050 104 0.85 0.49 0.43 0.37 0.29 0.21

P4 30 1250 125 1.03 0.60 0.52 0.45 0.36 0.26

P5 30 1400 142 1.15 0.66 0.58 0.50 0.40 0.29

P6 40 1250 167 1.38 0.79 0.69 0.60 0.48 0.34

P7 40 1400 188 1.54 0.89 0.77 0.67 0.53 0.38

P8 60 1100 216 1.80 1.04 0.90 0.78 0.62 0.45

FILOTO	lietric Diagrams	
lsofootcandle p	olots for the DSX1 LED P9 40K 70CRI. Distances are	in units of mounting heigh
LEGEND 0.1 fc 0.5 fc 1.0 fc		2

# Motion Sensor Default Settings

	~					
		High Level (when occupied)	Phototcell Operation	Dwell Time	Ramp-up Time	
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
NLTAIR2 PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

## **Controls Options**

Nomenclature	Description		Primary control device	
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS (not available on DSX0)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PER5 or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rSBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclypse.	nLight Air rSBG	Llight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UVOLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

LITHONIA LIGHTING. COMMERCIAL OUTDOOR

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LL-SOL	Drive	System	Dist.	ned in accore	OK (300				4	0K (4
	Current (mA)		Туре			U	G	LPW	Lumens	
(****)			T2S	1,415	0	0	1	109	1,520	0
			T2M	1,349	0	0	1	104	1,448	(
	350mA	13W	T3S	1,399	0	0	1	108	1,503	(
		1511	T3M	1,385	0	0	1	107	1,488	(
			T4M	1,357	0	0	1	104	1,458	(
			TFTM	1,411	0	0	1	109	1,515	(
			T2S	2,053	1	0	1	108	2,205	
			T2M	1,957	1	0	1	103	2,102	
	530 mA	19W	T3S	2,031	1	0	1	107	2,181	
			T3M	2,010	1	0	1	106	2,159	$\vdash$
10C			T4M TFTM	1,970 2,047	1	0	1	104 108	2,115 2,198	┝
			T2S	2,623	1	0	1	108	2,198	F
(10 LEDs)			T23	2,023	1	0	1	96	2,684	┝
			T3S	2,593	1	0	1	100	2,084	┢
	700 mA	26W -	T3M	2,555	1	0	1	99	2,757	┢
			T4M	2,507	1	0	1	97	2,701	F
			TFTM	2,614	$\frac{1}{1}$	0	1	101	2,808	F
			T2S	3,685	1	0	1	94	3,957	t
			T2M	3,512	1	0	1	90	3,771	t
			T3S	3,644	1	0	1	93	3,913	F
	1000 mA	39W	T3M	3,607	1	0	1	92	3,873	F
			T4M	3,534	1	0	2	91	3,796	F
			TFTM	3,673	1	0	1	94	3,945	Γ
			T2S	2,820	1	0	1	123	3,028	
		mA 23W	T2M	2,688	1	0	1	117	2,886	
	350mA		T3S	2,789	1	0	1	121	2,994	L
		2.511	T3M	2,760	1	0	1	120	2,965	L
			T4M	2,704	1	0	1	118	2,905	L
			TFTM	2,811	1	0	1	122	3,019	
			T2S	4,079	1	0	1	117	4,380	L
			T2M	3,887	1	0	1	111	4,174	
	530 mA	35W	T3S	4,033	1	0	1	115	4,331	
			T3M	3,993	1	0	2	114	4,288	┝
200			T4M	3,912	1	0	2	112	4,201	
			TFTM T2S	4,066	1	0	2	116 113	4,366 5,572	
(20 LEDs)			T23	4,945		0	2	108	5,309	┢
			T3S	5,131		0	2	108	5,509	┝
	700 mA	46W	T3M	5,078	1	0	2	112	5,454	┝
			T4M	4,975	1	0	2	108	5,343	┝
			TFTM	5,172	1	0	2	112	5,554	┢
			T2S	7,204	1	0	2	99	7,736	
			T2M	6,865	1	0	2	94	7,373	
			T3S	7,125	1	0	2	98	7,651	
	1000 mA	73W	T2M	.,	1	0		07	.,	

COMMERCIAL OUTDOOR



Image: Description of the D-Series Size 1   Description of the D-Series features   Image: Description of the D-Series features and seamless of the service meters.   Image: Description of the D-Series features and seamless of the service meters.   Image: Description of the D-Series features and seamless of the service meters.   Image: Description of the D-Series features and seamless of the service meters.	CLIENT: ARCHITECT:
Width:       14.26" (B6.2 cm)         Height H1:       7.88" (20.0 cm)         Height H2:       2.73" (6.9 cm)         Weight:       34 lbs (15.4 kg)         Weight:       34 lbs (15.4 kg)         Cordering Information       EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD	MECHANICAL + ELECTRICAL + PLUMBING 4445 Northpark Dr. Suite 200 Colorado Springs, CO 80907 mcsheaconsulting.com
Series       LEDs       Color temperature <sup>2</sup> Color Rendering Index <sup>2</sup> Distribution       Voltage       Mounting         DSX1 LED       Forward optics P1       P1       P6       30K       3000K       70CRI       AFR       Automotive front row TS       TSM       Type I medium       TSL       Type V medium       MVOLT       (120V-277V) <sup>4</sup> Shipped included       Snipped included       Snip	Project #:
Control options       Other options       Finish (required)         Shipped installed NLTAIR2 PIRHN       N.Light AlR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>11, 12, 20, 21</sup> PR7       Seven-pin receptade only (controls ordered separate) <sup>14, 21</sup> Shipped installed SPD20KV       Shipped installed SPD20KV       DDBXD       Dark Bronze         PIR       High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>13, 20, 21</sup> BPR7       Field adjustable output <sup>15, 21</sup> Bl30       B-level switched dimming, 50% 6-7 Bl30       B-level switched dim	OWNERSHIP OF INSTRUMENTS OF SERVICE All Drawings, Reports, Plans, Specifications, Computer Files (including CAD files), field information, notes, sketches, and other design materials prepared by the Engineer and his/her consultants as instruments of service shall remain the property of the Engineer. The Engineer shall retain all common law, statutory and other reserved rights, including the Copyright thereto.
<page-header><page-header><page-header><page-header><image/><image/><image/><section-header><section-header></section-header></section-header></page-header></page-header></page-header></page-header>	-CITY LINK TRUCKING-
EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD         DSXW1 LED       Drive Current       Color temperature       Distribution       Voltage       Mounting       Control Options         DSXW1 LED       10C       10 LEDs       350       350 mA       300 K       400 K       T25       Type II Medium       NV0LT <sup>2</sup> Shipped included       PE       Photoelectric cell, button type 4         DSXW1 LED       10C       10 LEDs       350       350 mA       300 K       400 K       T25       Type II Medium       208 3       Shipped included       PE       Photoelectric cell, button type 4       DMG       0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)       PIR       180° motion/ambient light sensor, 15' mig ht <sup>17</sup> engine)       20 C       20 LEDs       ft/w       Type II Medium       208 3       208 3       204 3       277 3       1000       1000 mA (1A) <sup>1</sup> Filt       Filt       Forward Throw       277 3       277 3       277 3       277 3       1011111111111111111111111111111111111	FULL SET ISSUE HISTORY:
Other Options       Finish (requested)         Shipped installed SF       Single fuse (120, 277 or 347V) <sup>130</sup> DF       Double fuse (208, 240 or 480V) <sup>130</sup> VG       Vind al guard DDL       DDBXD       Dark bronze       DSSXD       Sandstone       DWH6XD       Textured white         SF       Single fuse (120, 277 or 347V) <sup>130</sup> HS       HS       Bit DD       DBXD       Dark bronze       DSSXD       Sandstone       DWH6XD       Textured white         SF       Single fuse (120, 277 or 347V) <sup>130</sup> HS       HS       Bit DD       DBXD       Dark bronze       DSSXD       Sandstone       DWH6XD       Textured black         DF       Double fuse (208, 240 or 480V) <sup>130</sup> HS       HS       DL       Diffused drop lens       DWHXD       Natural aluminum       DBLBXD       Textured black         DF       Double fuse (208, 240 or 480V) <sup>130</sup> HS       DL       Diffused drop lens       DWHXD       White       DNATXD       Textured black         DF       202 (1000 is not available with PIR, PIRH, PIRHCS3V or PIRHFICS3V (DF) requires 120, 277 or 347 voltage option.       Double fuse (DF) requires 120, 277 or 347 voltage option.       Single fuse (SF) requires 120, 277 or 347 voltage option.       Not available with fair, Not available with 437 or 480 voltage option.         DSWMSU       Modernet space (DF) requires 120, 277 or 347 voltage option.       Double fuse (DF) requires 202, 203,	1       -       PERMIT       3.18.2024         □       □       □       □
COMMERCIAL OUTDOOR       One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com       DSXW1-LED         © 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.       Rev. 1/18/23	PROJECT #: XXXX DRAWN BY: SH CHECKED BY: MRM SHEET ESO.2