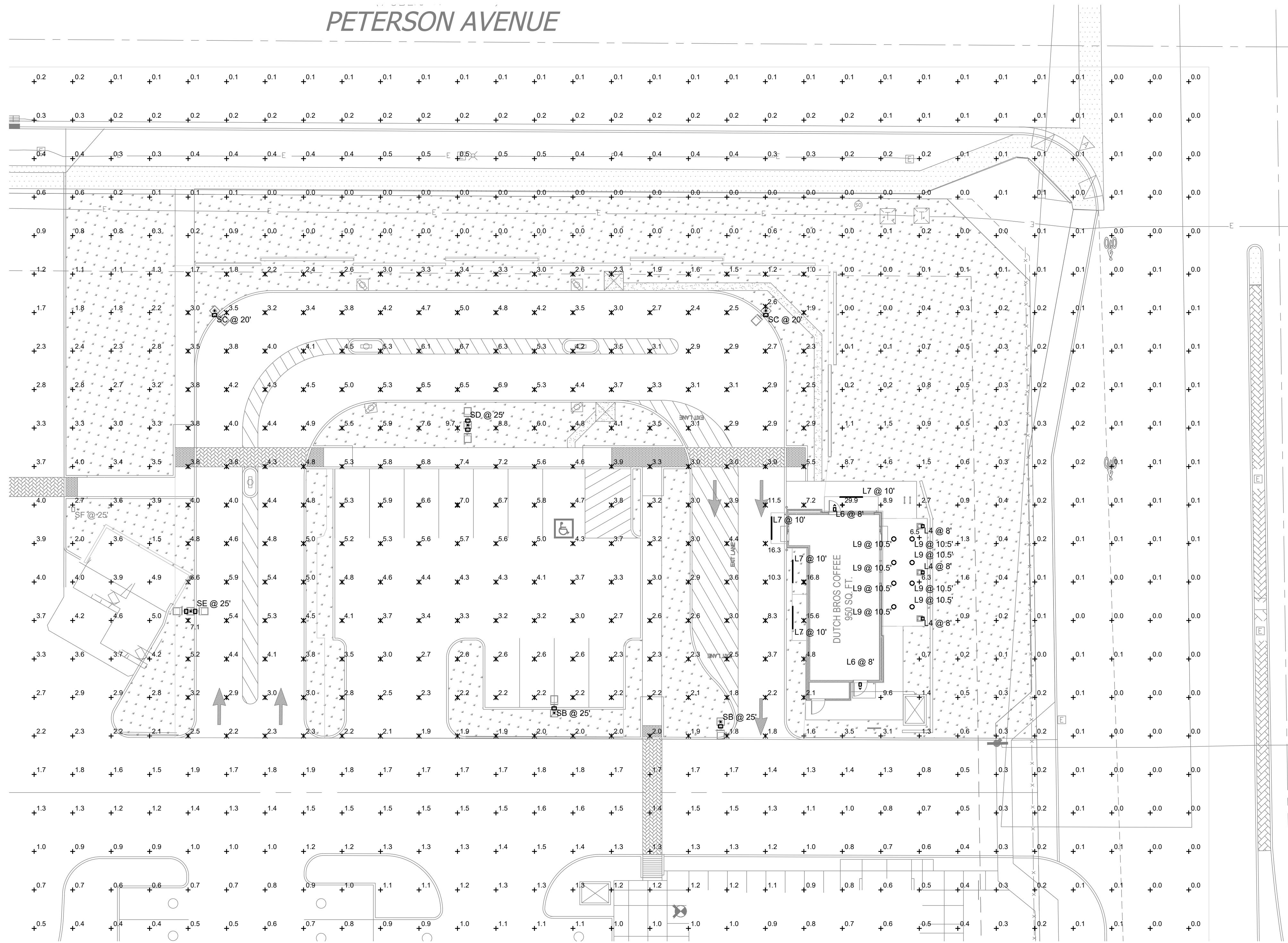


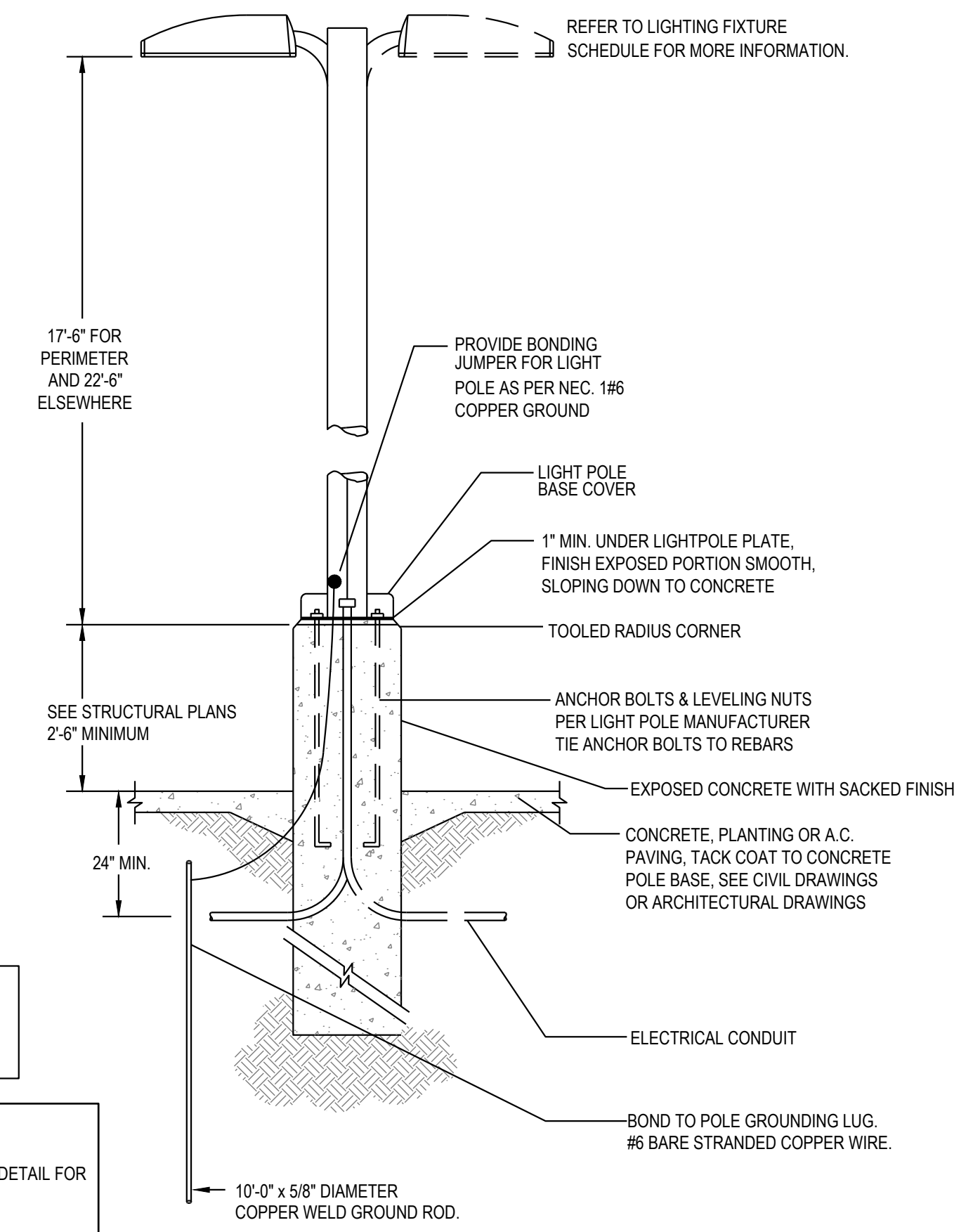
PETERSON AVENUE



1 ELECTRICAL PHOTOMETRIC PLAN
SCALE: 1/16" = 1'-0"
NORTH

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
□	L4	3	LIGMAN	MT-31426-N-W30	Matrix 4 one side square wall luminaire	1	1087	0.91	14.3
^	L6	2	RAB LIGHTING INC.	WPLED26V-WPLED26V/D10 (WALLPACK) - ALED26V-ALED26V/D10 (AREA LIGHTER)	CAST FINNED METAL HOUSING, MOLDED PLASTIC REFLECTOR WITH SEMI-SPECULAR FINISH	1	3295	0.91	29.7
	L7	4	Self		CROWN-L144-277V 840_BA110	1	6300	0.91	60
○	L9	8	DMF LIGHTING	DRDS-4R-07930	DRDS-4R-07930	1	757	0.91	8.37
□	SB	2	Lithonia Lighting	DSX0 LED P6 30K 80CRI T5W	D-Series Size 0 Area Luminaire P6 Performance Package 3000K CCT 80 CRI Type 5 Wide	1	15838	0.91	137
□	SD	1	Lithonia Lighting	DSX0 LED P6 30K 80CRI T3M	D-Series Size 0 Area Luminaire P6 Performance Package 3000K CCT 80 CRI Type 3 Medium	2	14926	0.91	274
□	SC	2	Lithonia Lighting	DSX0 LED P3 30K 80CRI T3M HS	D-Series Size 0 Area Luminaire P3 Performance Package 3000K CCT 80 CRI Type 3 Medium HouseSide Shield	1	6641	0.91	68.95
□	SE	1	Lithonia Lighting	DSX0 LED P5 30K 80CRI T4M	D-Series Size 0 Area Luminaire P5 Performance Package 3000K CCT 80 CRI Type 4 Medium	2	10689	0.91	180.24
□	SF	1	Lithonia Lighting	DSX0 LED P6 30K 80CRI T3M	D-Series Size 0 Area Luminaire P6 Performance Package 3000K CCT 80 CRI Type 3 Medium	1	14926	0.91	137

Descriptions	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking	X	3.6 fc	7.0 fc	1.9 fc	3.7:1	1.9:1
Site	+	1.8 fc	29.9 fc	0.0 fc	N/A	N/A
Drive Thru	X	4.2 fc	16.8 fc	1.0 fc	16.8:1	4.2:1



PROVIDE A CONCRETE CRISTY BOX WITH TRAFFIC RATED COVER BY EACH LIGHT POLES FOR THE INTERFACE OF CONDUITS

NOTE:
REFER TO STRUCTURAL/ARCHITECTURAL DETAIL FOR ADDITIONAL REQUIREMENT.

POLE BASE DETAIL
SCALE: N.T.S.

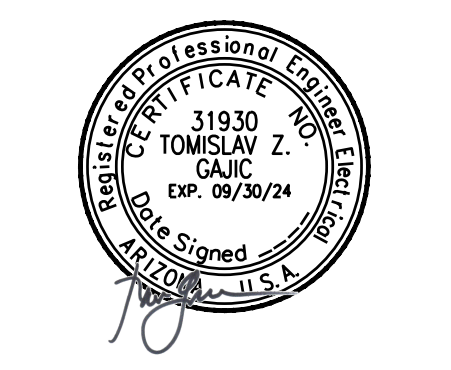


ARMÉT DAVIS NEWLOVE & ASSOCIATES, AIA ARCHITECTS

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Project No: AZ1408
Dutch Bros Coffee - New Freestanding Store
DB2550 - A2 PROTOTYPE
ELLSWORTH ROAD AND PETERSON AVENUE
MESA, AZ 85212

DATE: 08/04/2023
REV: DATE: DESCRIPTION:

SHEET NAME:

PHOTOMETRIC SITE PLAN

SHEET NUMBER:
E0.02


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DRD5S & SurfaceFrame


Surface Mount LED Downlight
New Construction
DRDHNO Octagonal Junction Box

Project: _____ Type: _____
Product Code: _____ Date: _____
Spec Sheet V-01.10.22



- Thinnest-in-class DRD5S delivers the pure, smooth light and the elegant look of a high-end recessed downlight
- Features multiple ratings to meet the demands of a wide range of situations
- Ultra-low profile allows it to install in as little as 2" of ceiling space when 5/8" drywall is used

Application New Construction	Aperture 4" Octagonal Junction Box
Delivered Lumens 750 lm (9.0W), 1000 lm (12.0W)	Color Quality 90+ CRI, < 3-step SDCM
Color Temperature 2700K 3000K 3500K	Optics General
Input Voltage 120V only (TRIAC/ELV), 120/277V (0-10V)	Dimming TRIAC/ELV 5% 0-10V 1%
Shape Round, Square	Finish White
Housing Ratings Code compliant for use in appropriate fire-rated assemblies up to a maximum of 2-hours	Emergency Lighting Optional Emergency LED Driver with integrated Test Switch for lighting up to 90 minutes in event of power failure
Standards UL 875, UL 159, UL 157, UL 158, UL 159, UL 158, UL 157	Module Ratings UL Closet Rating Compliant (750 lm only)
Guarantee 50,000 hrs 5 years	Additional Options Non-Conductive Dead Front

dmflighting.com 

DRD5S & SurfaceFrame

Surface Mount LED Downlight
General New Construction
DRDHNO Octagonal Junction Box

PRODUCT BUILDER

HOUSING

PRODUCT CODE	APPLICATION	APERTURE	OPTION
DRDH	Housing	N New Construction	JO SurfaceFrame Octagonal Junction Box
			[Blank] Integrated Driver
			7OSEM EM Driver ¹ , 0-10V, 750 lm
			100SEM EM Driver ¹ , 0-10V, 1000 lm

LED MODULE

PRODUCT CODE	APERTURE	SHAPE	LUMENS	CRI	CCT	DRIVER
DRD5S	4" Aperture	R Round	07 750 lm	9 90+ CRI	27 2700K	T Integrated TRIAC/ELV, 120V only
		S Square	10 1000 lm		30 3000K	O Integrated 0-10V, 120/277V
					35 3500K	TDF Integrated TRIAC/ELV, 120V only, Non-Conductive ²
						ODF Integrated 0-10V, 120/277V, Non-Conductive ²
						EM Emergency ¹ w/ Test Switch

¹ EM option (housing) and Emergency driver (module) must be selected together
² Only available for Round shape, 750 lm, 2700K or 3000K CCT

DMF LIGHTING 1118 E. 223rd St. Carson, CA 90745 800.441.4422 dmflighting.com
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Imperial Lighting L6

Job: Dutch Bros Coffee Prototype
Descr: Exterior Wallpack

WPLED26Y/E



26 Watt LED wallpack with emergency backup battery that will last for 90 minutes during power interruption. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.
Color: Bronze Weight: 14.0 lbs

Project: _____	Type: _____
Prepared By: _____	Date: _____

Driver Info	LED Info
Type: Constant Current	Watts: 26W
120V: 0.26A	Color Temp: 3000K
208V: 0.16A	Color Accuracy: 71 CRI
240V: 0.14A	L70 Lifespan: 100000
277V: 0.12A	Lumens: 3096
Input Watts: 29W	Efficiency: 112 LPW
Efficiency: 89%	

Technical Specifications

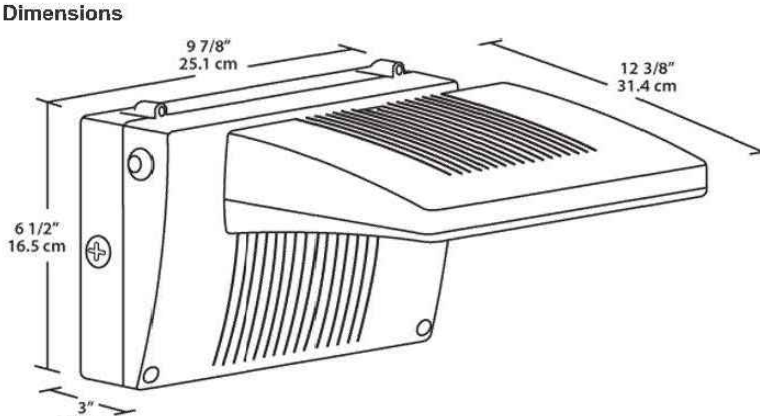
Other
Battery Backup: Minimum starting temperature is 0°C/32°F.
Patents: The WPLED design is protected by U.S. Patent D634879 and Patents pending in the U.S., Canada, China, Taiwan and Mexico.
Equivalency: Equivalent to T8H Metal Halide.
FTC Country of Origin: This product was assembled in the USA by RAB using imported components.
Buy American Act Compliance: This product complies with the Buy American Act.
Listings: This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P0001750
UL Listing: Suitable for Wet Locations as downlight. Wall Mount Only. Battery Backup UL 924 Listed Emergency Lighting Power Supply.

LED Characteristics
Lifespan: 100,000-hour LED lifespan based on IES LM 80 results and TM-21 calculations.
LED: Two (2) 13W high-output, long-life LEDs.
Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent lighting-to-fixture color.
Color Stability: LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.
Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.37-2017.
Electrical
Battery Mode: Light output uses LED of 75 to simulate light output during battery mode operation.
Driver: Constant Current, Class 2, 50/60 Hz, 120 - 277VAC 0.4 Amps.

Battery Backup
Backup Battery: Two field-replaceable, high temperature, maintenance-free, nickel-cadmium batteries.
Construction
Ambient Temperature: Suitable for use in 30°C (95°F) ambient temperatures.
Gaskets: High temperature silicones.
Housing: Precision die-cast aluminum housing, lens frame and mounting arm.
Finish: Formulated for high durability and long lasting color.
Green Technology: Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
Optical
BUG Rating: B1 US C0

Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com
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WPLED26Y/E



Dimensions: 9.78" (25.1 cm) x 12.38" (31.4 cm) x 6.12" (15.5 cm) x 7.6 cm

Features:
Backup battery UL 924 listed
UL listed for wet locations
90 minutes illumination time during power interruption
Includes test switch and charge indicator light
Universal input voltage
5-year warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Battery Backup	Photocell
WPLED	26 = 26W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	IE = Battery Backup IEC = Cold Start Battery Backup	Blank = No Photocell IPC = 120V Swivel IPC2 = 277V Swivel

Verify required

Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com
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UMT-31426

Matrix 4 Surface

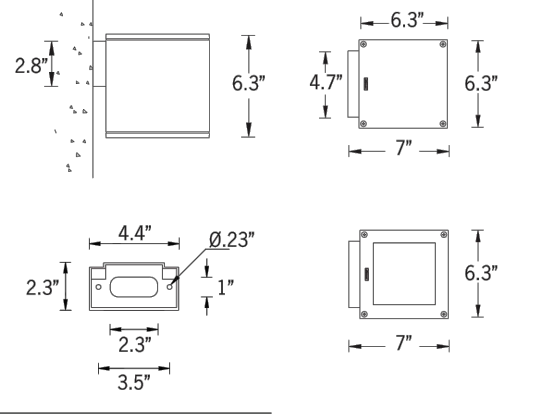



14w COB 1128 Lumens
IP65 - Suitable For Wet Locations
IK07 - Impact Resistant
Weight 5 lbs

Construction

Aluminum
Less than 0.1% copper content - Marine Grade 6061 extruded & LME Aluminum high pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.
Paint
8 step degrease and phosphate process that includes descaling and etching as well as a zinc and nickel pre-paint process before product painting.
Memory Retentive Silicon Gasket
Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains its gaskets' exact profile and seal over years of use and thermal management.
LME Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by LIGMAN used in conjunction with the driver, controls thermal below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.
Surge Suppression
Standard line surge suppressor provided with all fixtures.
BUG Rating
B1 US C02
Finishing
All LIGMAN products go through an extensive finishing process that includes finishing to improve paint adherence.
Paint
UV Stabilized 4MM thick powder coat paint and baked at 200 Deg. C. This process ensures that LIGMAN products can withstand harsh environments. Rated for use in motor rooms.
Inspired by Nature Finishes
The Inspired by Nature Finishing is a unique system of decorative powder coating. Our metal decorative finishes can easily transform the appearance of metal or aluminum product into a look that resembles wood grain, stone, or other natural materials. This patented technology enables the simulation of wood grain, and even marble or granite finish through the use of decorative powder coating.
The wood grain finish is so realistic that it's almost undistinguishable from real wood, even from a close visual inspection. The system of coating pretreats the entire surface of the coil and as a result, the coating cannot be removed by normal rubbing, chipping, or scratching.
The Coating Process
After pretreatment the prepared parts are powder coated with a specially formulated polyurethane powder. This powder provides protection against wear, abrasion, impact, and corrosion and acts as the relief base color for the finished metal decoration.
Wood grain coating can create beautiful wood looking products of any sort. There are over 300 combinations of decorative finishes available.
Our powder coatings are certified for indoor and outdoor applications and are backed by a comprehensive warranty. These coatings rise to the highest conceivable standard of performance, endurance and design innovation.
Added Benefits
• Resistance to salt and acid rain, accelerated aging
• Inhibits water, lime and condensed water moisture
• Anti-Grime, Anti-Slip, Anti-Microbial, Anti-Scratch
• Super durable UV resistant
• TPOC free (non-toxic)
Hardware
Provided hardware is Marine grade 316 Stainless steel.
Anti-Seize Screw Holes
Tapset holes are filled with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.
Crystal Clear Low Iron Glass Lens
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.
Optics & LED
Precision optic design provides exceptional light control and precise distribution of light. LED CRI = 80
Lumen Maintenance Life
LED 50,000 hours (this means that at least 90% of the LED still achieve 80% of their original flux)

Mounting Detail



dmflighting.com 

UMT-31426

Matrix 4 Surface

PROJECT

DATE

QUANTITY

TYPE NOTE

ORDERING EXAMPLE || UMT - 31426 - 14w - N - W30 - 02 - 120/277v - Options

UMT-31426	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	14w COB 1128 Lumens	N - Narrow 20" M - Medium 25" W - Wide 36" VW - Very Wide 74"	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify

INSPIRED BY NATURE FINISHES

SW01 - OAK FINISH	SW02 - WALNUT FINISH	SW03 - PINE FINISH	DP - DOUGLAS FIR FINISH	CW - CHERRY WOOD FINISH	NW - NATIONAL WALNUT FINISH	SU01 - CONCRETE FINISH	SU02 - SOFTSCAPE FINISH	SU03 - STONE FINISH	SU04 - CORTEN FINISH
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THERE IS AN ADDITIONAL COST FOR THESE FINISHES


ADDITIONAL OPTIONS

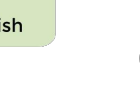
NAT - Natatorium Rated	COLORED DICHROIC FILTERS
F - Frosted Lens	RD - Red Lens
KJ - Mounting Plate for 4" Junction Box	BL - Blue Lens
DIM - 0-10v Dimming	GR - Green Lens
	AM - Amber Lens
	[Specify Other Color]

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times

Oak	Cherry	Beech	Carbon
Walnut	Chestnut	Bamboo	Galvanized
Pine	Mahogany	Birch	Steel

Example: Inspired by Nature Finish 

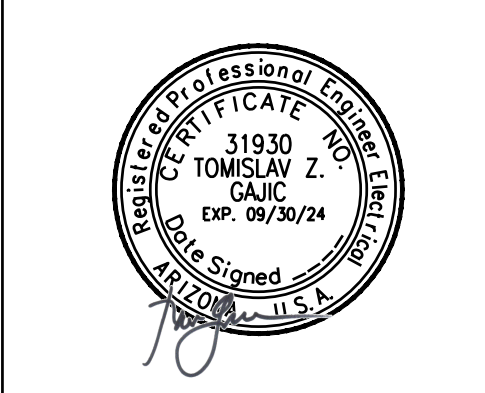
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Project No: AZ1408
Dutch Bros Coffee - New Freestanding Store
DB2550 - A2 PROTOTYPE
ELLSWORTH ROAD AND PETERSON AVENUE
MESA, AZ 85212

DATE: 08/04/2023
REV: DATE: DESCRIPTION:
SHEET NAME:
EXTERIOR LIGHTING CUTSHEETS
SHEET NUMBER:
E0.04