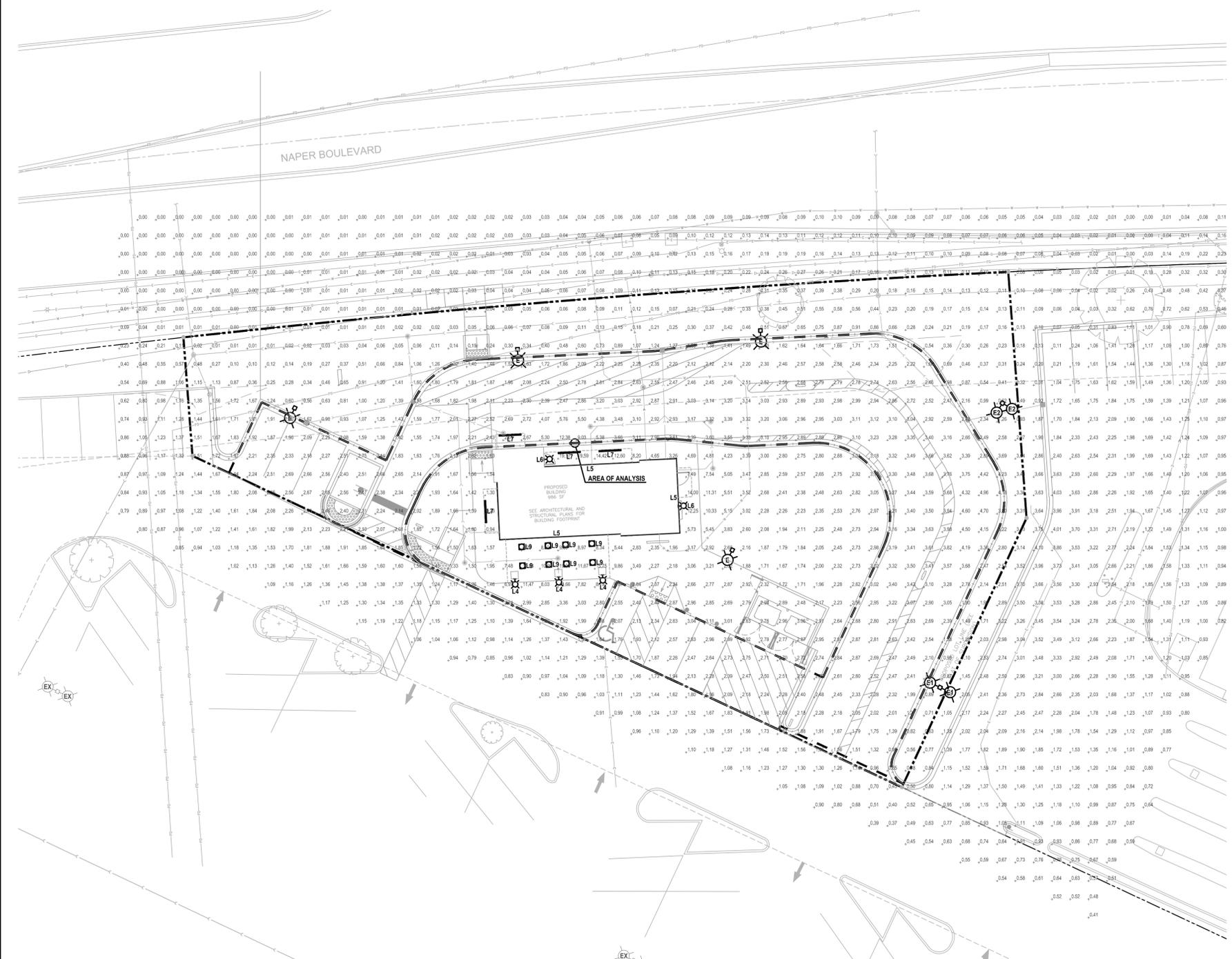


NOTES:
 1. LIGHTING ANALYSIS IS WITH NEW FIXTURES ONLY. NO EXISTING FIXTURES ARE INCLUDED IN LIGHTING ANALYSIS.



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

**LIGHTING ANALYSIS NOTES:
 (NAPERVILLE REQUIREMENTS)**

1. AVERAGE FOOTCANDLES:	2.4
2. MAXIMUM FOOTCANDLES:	NA
3. MINIMUM FOOTCANDLES:	> 0.6
4. MAXIMUM/MINIMUM RATIO:	NA
5. AVERAGE/MINIMUM RATIO:	< 4:1
6. MAXIMUM MOUNTING HEIGHT:	25'
7. LIGHT LOSS FACTOR:	0.8

**LIGHTING ANALYSIS NOTES:
 (PAVED AREAS ONLY)**

1. AVERAGE FOOTCANDLES:	2.58
2. MAXIMUM FOOTCANDLES:	12.38
3. MINIMUM FOOTCANDLES:	0.88
4. MAXIMUM/MINIMUM RATIO:	14.1:1
5. AVERAGE/MINIMUM RATIO:	2.9:1
6. MOUNTING HEIGHT:	25'
7. LIGHT LOSS FACTOR:	0.8

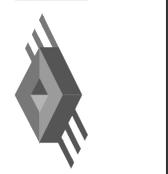
**LIGHTING ANALYSIS NOTES:
 (ENTIRE PROPERTY)**

1. AVERAGE FOOTCANDLES:	2.46
2. MAXIMUM FOOTCANDLES:	19.59
3. MINIMUM FOOTCANDLES:	0.01
4. MAXIMUM/MINIMUM RATIO:	NA
5. AVERAGE/MINIMUM RATIO:	NA

No.	Description	Date
1	ISSUED FOR PERMIT	05/22/25
	PERMIT REVIEW COMMENTS	06/27/25

PHOTOMETRIC SITE PLAN
DUTCH BROS. COFFEE
SHOREWOOD DEVELOPMENT GROUP
NAPERVILLE, ILLINOIS

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DAVID B. KORNACKI
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS
 062.052986
David B. Kornacki
 Date: 06/27/25
 Lic. Exp.: 11/30/25

AS NOTED
25101
E2

FIXTURE SCHEDULE

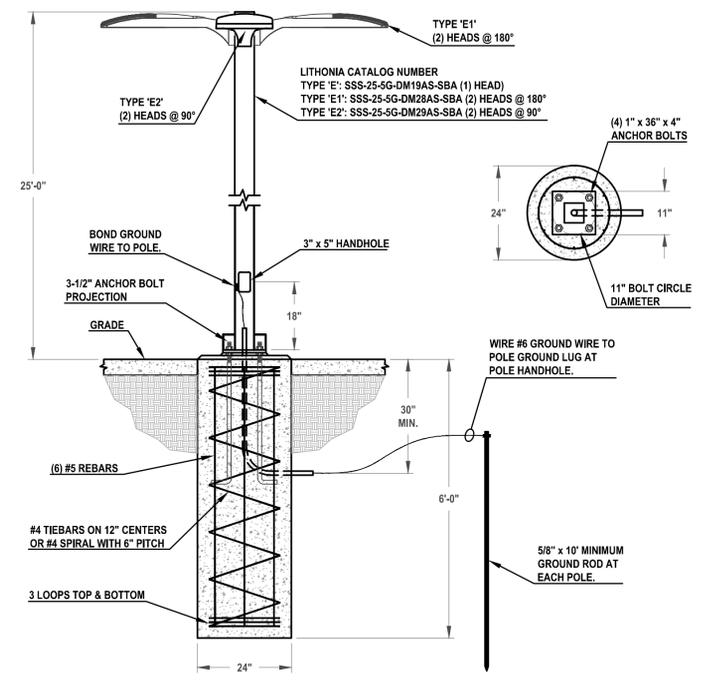
25101

TYPE	INPUT WATTS	VOLTS	LUMENS	COLOR TEMP	CRI			DESCRIPTION	MANUFACTURER	CATALOG NUMBER	BUG RATING	SHIELDING	FINISH	MOUNTING	CONTROLS		SEE NOTES
					70+	80+	90+								INTEGRAL	REMOTE	
E	137	120	12873	4000K	●			POLE & LUMINAIRE	LITHONIA	DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
E1	(2) 137	120	12873	4000K	●			POLE & (2) LUMINAIRES	LITHONIA	(2) DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
E2	(2) 137	120	12873	4000K	●			POLE & (2) LUMINAIRES	LITHONIA	(2) DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
L4								WALL SCONCE	PROVIDED BY OWNER/OWNER'S E.C.								
L5								NEON STRIP	PROVIDED BY OWNER/OWNER'S E.C.								
L6								WALL BRACKET	PROVIDED BY OWNER/OWNER'S E.C.								
L7								STRIP	PROVIDED BY OWNER/OWNER'S E.C.								
L9								DOWNLIGHT	PROVIDED BY OWNER/OWNER'S E.C.								

FIXTURE SCHEDULE NOTES:
 1. EACH LIGHT FIXTURE TO HAVE MOTION SENSOR CONTROL. LIGHT FIXTURES TO DIM TO 33% IN UNOCCUPIED MODE. ALL LIGHTS TO COME TO FULL BRIGHTNESS WHEN ONE MOTION SENSOR IS ACTIVATED.

SYMBOLS / ABBREVIATIONS

	WALL BRACKET/WALL SCONCE FIXTURE - SEE FIXTURE SCHEDULE
	SURFACE/PENDANT FIXTURE - SEE FIXTURE SCHEDULE
	RECESSED DOWNLIGHT FIXTURE - SEE FIXTURE SCHEDULE
	POLE & LUMINAIRE(S) FIXTURE - SEE FIXTURE SCHEDULE
	SWITCHED CIRCUIT
	BRANCH CIRCUIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTER
AMP	AMPERES/AMPERAGE
AV	AUDIO VISUAL
BB	BATTERY BACKUP
BFC	BELOW FINISHED CEILING
BOL	BUILT-IN OVERLOAD
BRKR	BREAKER
BWE	BAKED WHITE ENAMEL
CBA	COLOR BY ARCHITECT
CP	CONTROL PANEL
CRCT	CIRCUIT
CTL	CONTROL
DCP	DOCK EQUIPMENT CONTROL PANEL
DISC	DISCONNECT
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
ER	EXISTING RELOCATED
ETC	ELECTRONIC TIME CLOCK CONTROL
EX	EXISTING TO REMAIN
EXD	EXISTING TO BE DEMO'D
EXR	EXISTING TO BE RELOCATED
EWC	ELECTRIC WATER COOLER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FLSW	FLOAT SWITCH
FPC	FIRE PROTECTION CONTRACTOR
FURN	FURNISHED
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GROUND
HQA	HAND-OFF-AUTOMATIC SWITCH
HP	HORSEPOWER
HVAC	HEATING AND VENTILATING CONTRACTOR
IG	ISOLATED GROUND
INT	INTEGRAL
IR	IN ROOM
IU	IN UNIT
JB	JUNCTION BOX
KW	KILOWATTS
LCP	LIGHTING CONTROL PANEL
LOC	LOCATION
LT	LOW TEMPERATURE
LTSW	LIGHT SWITCH
LVT	LOW VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCA	MINIMUM CIRCUIT AMPS
MSPL	MANUAL STARTER WITH PILOT LIGHT
NL	NIGHT LIGHT
NU	NEAR UNIT
OHP	OVERHEAT PROTECTION
OS	OCCUPANCY SENSOR
OU	ON UNIT
PB	PUSH BUTTON
PC	PLUMBING CONTRACTOR
PESW	PNEUMATIC ELECTRIC SWITCH
PHOTO	PHOTOCELL
PW	PREWIRED
RC	REFRIGERATION CONTRACTOR
RCC	REFRIGERATION CONTROL CONTRACTOR
RECEPT	RECEPTACLE
SBA	SELECTED BY ARCHITECT
SC	SEPARATE CIRCUIT
SPSW	SPEED SWITCH
SS	SOFT START
ST	SHUNT TRIP
SW	SWITCH
T	LINE VOLTAGE THERMOSTAT
TBD	TO BE DETERMINED
TC	TIME CLOCK
TCC	TEMPERATURE CONTROL CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
UM	UNIT MANUFACTURER
UNO	UNLESS NOTED OTHERWISE
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WP	WEATHER PROOF ("WHILE-IN-USE")
XFMR	TRANSFORMER



1 ELECTRICAL FIXTURE TYPES 'E, E1, E2' MOUNTING DETAIL NOT TO SCALE

<p>JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd., Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com</p>		<p>SCHEDULES</p>	
		<p>DUTCH BROS. COFFEE SHOREWOOD DEVELOPMENT GROUP NAPERVILLE, ILLINOIS</p>	
<p>Corporation Registration #184.005374</p>		<p>KORNACKI & ASSOCIATES, INC. Electrical Design Consultants 262-784-3323 2645 S. Moorland Rd., New Berlin, WI 53151</p>	
<p>AS NOTED</p>		<p>25101</p>	
<p>E4</p>		<p>Date: 06/27/25 Lic. Exp.: 11/30/25</p>	

DAVID B. KORNACKI
 062.052986
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS

D-Series Size 0 LED Area Luminaire

Specifications

EPA: 0.44 ft² (0.04 m²)

Length: 26.18" (0.67 m)

Width: 14.06" (0.37 m)

Height H1: 2.26" (0.7 m)

Height H2: 7.46" (0.19 m)

Weight: 23 lbs (10.4 kg)

Ordering Information

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DBXBD

Series	LED	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
DSX0 LED	Forward optics (this section 70CRI only)	P1 P5	30K 3000K	70CRI	MVOLT (120V-277V)	Shipped included
		P2 P6	40K 4000K	70CRI	MVOLT (147V-480V)	
		P3 P7	50K 5000K	70CRI	MVOLT (277V-480V)	
DSX0 LED	Retained optics	P10 P12	27K 2700K	80CRI	TSM Type Y medium	SPK Square pole mounting (8" drilling, 3" min. HD pole)
		P11 P13	30K 3000K	80CRI	TSM Type Y wide	
		P14	35K 3500K	80CRI	TSM Type II medium	

Control options

Shipped installed

Other options

Finish options

LITHONIA LIGHTING

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

DSX0-LED Rev. 04/29/25 Page 1 of 9

SSS Square Straight Steel Poles

E, E1, E2

ORDERING INFORMATION Lead times vary depending on options selected. Consult with your sales representative. Example: SSS 20 SC DM28AS DBXBD

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting	Options	Finish
SSS	10'-3"	4" 4" (1g @ 120")	Tenon mounting	Shipped installed	Super durable paint colors
	12'-0"	4" 4" (1g @ 120")	FT	Open top (includes top cap)	D08D Dark bronze
	14'-0"	5" 5" (1g @ 120")	T10	2-3/8" O.D. (2" NPS)	D08L Black
	16'-0"	5" 5" (1g @ 120")	T12	2-3/8" O.D. (2" NPS)	D08M Natural aluminum
	18'-0"	6" 6" (1g @ 120")	T15	3-1/2" O.D. (3" NPS)	D08W White
	20'-0"	6" 6" (1g @ 120")	T18	3-1/2" O.D. (3" NPS)	D08S Sandstone
	22'-0"	6" 6" (1g @ 120")	T21	3-1/2" O.D. (3" NPS)	D08C Charal grey
	24'-0"	6" 6" (1g @ 120")	T24	3-1/2" O.D. (3" NPS)	D08G Tennis green
	26'-0"	6" 6" (1g @ 120")	T27	3-1/2" O.D. (3" NPS)	D08R Bright red
	28'-0"	6" 6" (1g @ 120")	T30	3-1/2" O.D. (3" NPS)	D08B Steel blue

Accessories: Order as separate catalog number.

Notes:

PHOTOMETRICS

LITHONIA LIGHTING

POLE-SSS

OUTDOOR One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) TechSupport.Lighting@acuitybrands.com www.lithonia.com ©1994-2025 Acuity Brands Lighting, Inc. All rights reserved. Rev. 02/27/25

UMT-31416 Matrix 3 Surface

LIGMAN LIGHTING USA

PROJECT: [] DATE: []

QUANTITY: [] TYPE: L4 NOTE: []

ORDERING EXAMPLE || UMT - 31416 - 14/14w - W30 - 02 - 120/277v - Options

UMT-31416	LAMP	BEAM UP	BEAM DOWN	LED COLOR	FINISH COLOR	VOLTAGE
14"/New COB	N - Narrow 20'	N - Narrow 20'	N - Narrow 20'	W27 - 2700K	G1 - BLACK RAL 9011	120/277V
128 Lumens Down	M - Medium 25'	M - Medium 25'	M - Medium 25'	W30 - 3000K	O2 - DARK GREY RAL 7043	Other - Specify
128 Lumens Up	W - Wide 36'	W - Wide 36'	W - Wide 36'	W35 - 3500K	O3 - WHITE RAL 9003	
	VW - Very Wide 74'	VW - Very Wide 74'	VW - Very Wide 74'	W40 - 4000K	O4 - METALLIC SILVER RAL 9006	

INSPIRED BY NATURE FINISHES

ADDITIONAL OPTIONS

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times

Example: Inspired by Nature Finish

LITHONIA LIGHTING USA

WPLED26N USA

RAB

Project: [] Type: L6

Prepared By: [] Date: []

Driver Info

Type: Constant Current

120V 0.22A

208V 0.13A

240V 0.11A

277V 0.10A

Input Watts: 28.9W

LED Info

Watts: 26W

Color Temp: 4000K (Neutral)

Color Accuracy: 70 CRI

L00 Lifespan: 100,000 Hours

Lumens: 3,738 lm

Efficacy: 129.3 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for mounting within 4 ft (1.2m) of the ground.

IP Rating:

Ingress protection rating of IP66 for dust and water

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: P0000175P

Performance

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 150W Metal Halide

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.22A, 208V: 0.13A, 240V: 0.11A, 277V: 0.10A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

10.02% at 120V, 10.55% at 277V

Power Factor:

98.3% at 120V, 95.4% at 277V

Construction

Finish:

Formulated for high durability and long-lasting color

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Other

Patents:

The WPLED design is protected by U.S. Pat. D634878, Canada Pat. 134878, China Pat. CN3016499065.

5-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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

Need help? Tech help line: (888) 722-1000 Email: techsupport@rablighting.com Website: www.rablighting.com

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Page 1 of 2

Outdoor Cove Lighting TYPE L7 CROWN

IP66

Dimensions: inches, (mm)

1-3/4" (44.5)

2-1/4" (58.8)

How to order using our catalog numbers

Example: CROWN-1230K11055

Series	Length	CCT (K)	Beam Angle	Finish	Installation
CROWN	12 - 11.8" (300mm)	30K - 3000K	110 - 110°	S - Silver	S - Screw Mounting
	47 - 47" (1120mm)	35K - 3500K			
	70 - 70" (1780mm)	40K - 4000K			

Specifications

Catalog No.	Model	Rated Input (VAC)	Ra	Power (W)	Luminous flux (TYP@4000K)lm
CROWN-1230K11055	CROWN-124-277V	120-277	90	10	1050
CROWN-1235K11055					
CROWN-1240K11055					
CROWN-4730K11055	CROWN-190-277V	120-277	90	40	4200
CROWN-4735K11055					
CROWN-4740K11055					
CROWN-7030K11055	CROWN-1144-277V	120-277	90	60	6300
CROWN-7035K11055					
CROWN-7040K11055					

* Included: 1 pc LED fixture, 2 pcs screws.

Photometrics

Luminous Intensity: cd

Beam Angle: 110°

Beam Diameter: Ø100mm

www.self-electronics.com • SELF •

dmf TYPE L9

S Series

4" Surface Mount Downlight

PRODUCT BUILDER - TRIAC/ELV, 0-10V

HOUSING

FANC 4" New Construction Fire Rated Shallow Junction Box

MODULE

PRODUCT CODE	APERTURE	SHAPE	LUMENS	CRI	CCT	DRIVER	
DRDSS	4			9			
DRDSS	Module	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 ¹
							ODF Integrated 0-10V, 120/277V, Non-Conductive ¹

¹ Only available for Round shape, 750 lm, 2700K or 3000K CCT

PRODUCT BUILDER - EMERGENCY LIGHTING

HOUSING

FANC 4" New Construction Fire Rated Shallow Junction Box

MODULE

PRODUCT CODE	APERTURE	SHAPE	LUMENS	CRI	CCT	DRIVER	
DRDSS	4			9			
DRDSS	Module	4" Aperture	R Round	07 750 lm	9 90+ CRI	27 2700K	EM Emergency with Integrated Test Switch
			S Square	10 1000 lm		30 3000K	
						35 3500K	

DMF LIGHTING 1118 E. 223rd St. Carson, CA 90745 323.934.7779 info@dmflighting.com dmflighting.com

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Page 2 of 8

CUTSHEETS

DUTCH BROS. COFFEE

SHOREWOOD DEVELOPMENT GROUP

NAPERVILLE, ILLINOIS

Corporation Registration #184.005374

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DAVID B. KORNACKI

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