

EXTERIOR LIGHT FIXTURE SCHEDULE										
FIXT. TAG	DESCRIPTION	MANUFACT.	CATALOG NUMBER	LAMP	BALLAST	VOLTAGE	WATTS	MOUNTING	LUMEN OUTPUT	NOTES
DF	LED WALL PACK - FORWARD THROW - FULL CUT OFF	LITHONIA	DSXW1 LED 10C 1000 30K TFTM 120 DDBXD	39W LED	INCLUDED	120	39	SURFACE MOUNTED ON WALL	3,673	
DW	LED WALL PACK - WIDE DISTRIBUTION - FULL CUT OFF	LITHONIA	DSXW1 LED 10C 1000 30K T2M 120 DDBXD	39W LED	INCLUDED	120	39	SURFACE MOUNTED ON WALL	3,512	
E2	LED DOWNLIGHT	GOTHAM	EVO6-30/07-PR-MWD-LSS-120-GZ1	14.7W LED	INCLUDED	120	15	RECESSED	750	
QHS	LED POLE LIGHT - FULL CUT OFF	LITHONIA	KAD LED 40C 1000 40K R4 208 HS	141W LED	INCLUDED	208	141	POLE MOUNTED @ 25'-0"	15,000	

CALCULATION SUMMARY				
CALCULATION ZONE	AVERAGE	MAXIMUM	MINIMUM	MAX/MIN
PARKING LOT	1.3	3.5	0.1	35.1
PROPERTY LINE	0	0.2	0	NA
SITE	0.7	6.7	0	NA

ALL LEVELS ARE IN FOOTCANDLES

01 SITE PHOTOMETRIC PLAN

SCALE: 1:20

NO.	REVISION	DATE

P inc
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464069 SR 200
YULEE, FL 32097

JOB NUMBER:
FL 12450
PROJECT MANAGER:

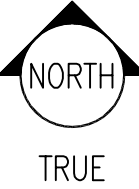
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DRAWN BY:
RMC

SHEET TITLE:
SITE PHOTOMETRIC PLAN

DATE: 09/15/2022

SHEET NUMBER:

ES1.0


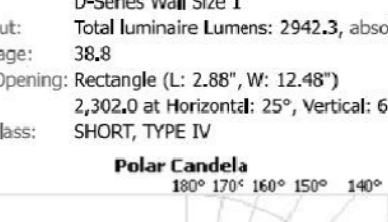


NASSAU COUNTY COMMENT NOTE:
PHOTOMETRIC REPORTS SHOW
FIXTURES QHS, DF AND DW ARE
FULL CUTOFF AND DO NOT EMIT
ANY DIRECT UPLIGHT (NO LIGHT
EMITTED ABOVE HORIZONTAL).

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DSKW1 LED 10C 1000 30K T17M VMOLT HS

Test ID: L17L25759105
 Test Label: SCALED PHOTOMETRY
 Scaled From Absolute Test: L17L25755
 Catalog: DSKW1 LED 10C 1000 30K T17M VMOLT HS
 DSKW1 LED WITH (1) 30 LED LIGHT ENGINE, TYPE T17M OPTIC,
 3000K, @ 1000MA WITH HOUSE-SIDE SHIELDS,
 D-Series Wall Size 1
 Total Luminaires Lumens: 29423, absolute photometry *

Series:
 Lamp Output:
 Input Wattage:
 Luminous Output: Rectangle (L: 2.88", W: 12.48")
 Max Cd: 2,304cd at Horizontal: 25°, Vertical: 675°
 Raychive Class: SNKTR, TYPE IV

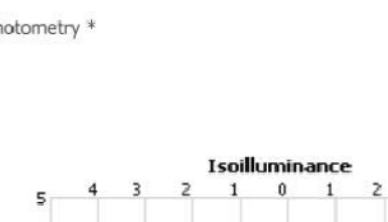
Polar Candela

180° 170° 160° 150° 140°

130°
120°
100°
90°
80°
70°
60°
50°
40°

2,400
2,000
1,600
1,200
800
400
0
400
800
1,200
1,600
2,000
2,400

■ - Max Cd: 25° H
 ■ - 0° H
 ■ - 90° H



Illuminance

5 4 3 2 1 0 1 2 3 4

5
4
3
2
1
0
1
2
3
4
5

■ 20 ft
 ■ 10 ft
 ■ 5 ft
 ■ 0.5 ft

Distance in units of mount height (20ft) ... Max Cd

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DSKW1 LED 10C 1000 30K T2M MYVOLT HS

Text #1: LTL2574967105
 Text Lab: SCALED PHOTOMETRY
 Text Notes: SCALED FROM ABSOLUTE TEST: LTL25749
 Catalog: DSKW1 LED 10C 1000 30K T2M MYVOLT HS
 Description: DSKW1 LED WITH (1) 10 LED LIGHT ENGINES, TYPE T2M OPTIC, 3000K, @ 1000mA WITH HOUSE-SIDE SHIELDS,
 D-Series Wall Size 1
 Total Luminaires Lumens: 3029, absolute photometry *

Series: 38.8
 Lamp Output:
 Input Voltage:
 Luminous Opening: Rectangle (L: 2.88", W: 12.48")
 Max Cd: 2,830.4 at Horizontal: 70°, Vertical: 72.5°
 Roadway Class: MEDIUM, TYPE III

OUTDOOR PHOTOMETRIC REPORT
CATALOG: KAD LED 40C 1000 40K R4 MVOLT HS

Test #:
 Test Lab:
 Catalog:
 Description:

Sellies:
 Lamp Output:
 Input Wattage:
 Luminous Opening:
 Max Cd:
 Roadway Class:

LTL26038720
 SCALED PHOTOMETRY
 KAD LED 40C 1000 40K R4 MVOLT HS
 KAD LED 40 LED, 1 AMP MVOLT DRIVER, 4000K, TYPE 4
 OPTICS WITH HOUSE SIDE SHIELDS
 KAD-LED
 Total Luminaire Lumens: 11667.1, absolute photometry *
 141
 Rectangle (L: 7.68", W: 11.88")
 8,105.3 cd Horizontal: 37.5°, Vertical: 65°
 SHORT, TYPE III

Polar Diagram

8,200
6,833
5,467
4,091
2,733
1,367
0.00
1,367
2,733
4,091
5,467
6,833
8,200

180° 170° 160° 150° 140°
130°
120°
110°
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°

37.5° H
65° V

■ : Max Cd: 37.5° H
 ■ : 0° H
 ■ : 90° H

Isolux Diagram

5 4 3 2 1 0 1 2 3 4 5

5
4
3
2
1
0
1
2
3
4
5

20 fc 10 fc 5 fc 2.5 fc 1.5 fc 1.0 fc 0.5 fc 0.1 fc

■ 20% Max Cd
 ■ 50% Max Cd
 ■ 90% Max Cd

Distance in units of mount height (20%) --- Max Cd

NO.	REVISION	DATE	 <p>PLUMP ENGINEERING INC. ARCHITECTURAL, SURVEYING M.E.P., CIVIL, STRUCTURAL 914 E. KATELLA AVENUE, ANAHEIM, CA 92805 (714) 385-1835 www.peinc.com</p>	 <p>ADAM T. FRANKS P.E. 76324 03/13/2023 STATE OF FLORIDA PROFESSIONAL ENGINEER STAMP</p>	<p>CONSULTANT</p>  <p>Dialectic, Inc. 710-997-9601 310 W 20th Street, Suite 100 Clematis City, MO 64118 DialecticEng.com Florida Certificate of Authorization Number 808 Copyright 2022</p> <p>This sheet is part of the construction documents. Drawings, specifications and other sheets apply and need to be reviewed in total. Items shown are for design purposes; representation and may not be used or used as a shop drawing. Project modifications required to conform to site conditions, equipment and material used. Verify locations and dimensions as shown and structural and structural elements per their respective documents, as these drawings are shown only for reference, and not for construction prior to fabrication or construction. Engineer has no liability for the accuracy of these associated elements, nor for any work the engineer has not signed and sealed.</p>	<p>DISCLAIMER: THIS DRAWING IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF DISCOUNT TIRE COMPANY AND SHALL REMAIN THEIR PROPERTY. THE USE OF THIS DRAWING SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH IT WAS PREPARED. PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH.</p>	<p>JOB NUMBER: FL 12450</p> <p>PROJECT MANAGER:</p> <p>PREPARED BY: DIALECTIC, INC. PH: (816) 997-9601 FAX: (816) 997-9602</p> <p>DRAWN BY: RMC</p>	<p>SHEET TITLE: SITE PHOTOMETRIC INFORMATION</p> <p>DATE: 09/15/2022</p>	<p>SHEET NUMBER: ES11</p>