File: I:\24\24-0409_Super Star Colorado Springs\4.Production\Civil3D\PlanSheets\C7.0 PHOTOMETRIC PLAN.dwg Layout: PHOTOMETRIC User: JohrendtA Plotted: Mar 16, 2023 - 10:00am

MEADOWBROOK PARKWAY

on site lighting levels cannot exceed 10 foot candles unless for loading or unloading platforms.
Please revise.

Section 6.2.3.B1.d

Foot candle levels at the property boundary lines CANNOT exceed 0.1 foot candles, please adjust accordingly.
Section 6.2.3.B.1.e

MARKSHEFFEL RD

LIGHTING SUMMARY

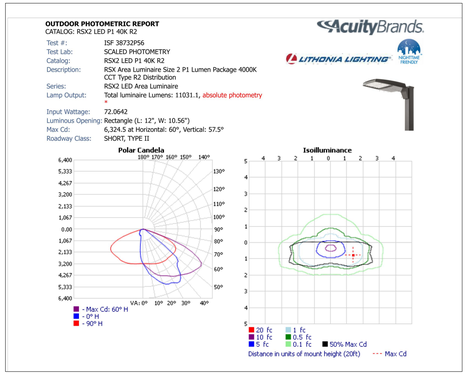
	AVERAGE	MIN.	AVE./MIN.
PARKING LOT LIGHTING	3.0 FC	0.2 FC	15.0:1

GENERAL NOTES

1. LIGHTING CALCULATIONS WERE MADE USING A LIGHT LOSS FACTOR OF 1.0
2. CALCULATIONS POINTS ARE TAKEN AT GRADE LEVEL ON 8'X8' GRID. CALCULATIONS DO NOT TAKE INTO ACCOUNT FOR GRADE ELEVATION CHANGES.
3. CONTRIBUTION FROM EXTERNAL LIGHTING SOURCES ARE NOT TAKEN INTO ACCOUNT ON THESE CALCULATIONS.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND OBTAIN ENGINEER'S APPROVAL PRIOR TO ORDERING MATERIALS

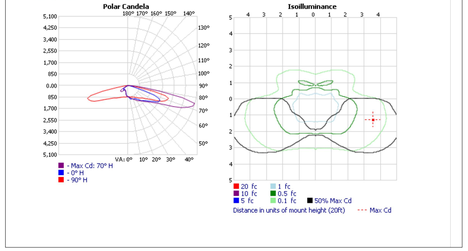
OUTDOOR PHOTOMETRIC REPORT
CATALOG: RSX2 LED P1 40K R2

Test #: ISF 38732P56
Test Lab: SCALED PHOTOMETRY
Catalog: RSX2 LED P1 40K R2
Description: RSX Area Luminaire Size 2 P1 Lumen Package 4000K CCT Type R2 Distribution
Series: RSX2 LED Area Luminaire
Lamp Output: Total luminaire Lumens: 11031.1, absolute photometry *
Input Wattage: 72.0642
Luminous Opening: Rectangle (L: 12", W: 10.56")
Max Cd: 6,324.5 at Horizontal: 60°, Vertical: 57.5°
Roadway Class: SHORT, TYPE II



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DSXW2 LED 20C 1000 50K T3M MVOLT

Test #: 22606P103
Test Lab: SCALED PHOTOMETRY
Test Notes: SCALED FROM ABSOLUTE TEST: 22606P0
Test Date: 11/5/2012
Catalog: DSXW2 LED 20C 1000 50K T3M MVOLT
Description: DSXW2 LED WITH 2 LIGHT ENGINES, 20 LED's, 1000mA DRIVER, 5000K LED, TYPE 3 MEDIUM OPTIC
Series: D-Series Wall Size 2
Lamp Catalog: NICHIA 219B 5000K
Lamp: LED
Lamp Output: Total luminaire Lumens: 7750.7, absolute photometry *
Ballast / Driver: LEDINTA350C210DHO
Input Wattage: 73
Luminous Opening: Rectangle (L: 3", W: 11.04")
Max Cd: 5,070.7 at Horizontal: 70°, Vertical: 75°
Roadway Class: MEDIUM, TYPE IV



SITE LEGEND

	LABEL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	POLE HEIGHT	LAMPS	COLOR
G	G	LITHONIA LIGHTING	RSX2 LED P1 40K R2	RSX Area Luminaire Size 2 P1 Lumen Package 4000K CCT Type R2 Distribution	20'	1	BRONZE
B	B	LITHONIA LIGHTING	DSXW2 LED 20C 1000 50K T3M MVOLT	DSXW2 LED WITH 2 LIGHT ENGINES, 20 LED's, 1000mA DRIVER, 5000K LED, TYPE 3 MEDIUM OPTIC	20'	1	BRONZE
D-TWIN	D-TWIN	LITHONIA LIGHTING	RSX2 LED P1 40K R2	RSX Area Luminaire Size 2 P1 Lumen Package 4000K CCT Type R2 Distribution	20'	2	BRONZE

N

0 10 20 40
GRAPHIC SCALE IN FEET

AYRES ASSOCIATES
3665 JFK PARKWAY
BUILDING 2, SUITE 100
FORT COLLINS, CO
80525
262.522.4901
www.AyresAssociates.com

SUPERSTAR CAR WASH

REVISION	DATE

SUPERSTAR CARWASH
MEADOWBROOK PKWY
COLORADO SPRING, CO 80915

PHOTOMETRIC PLAN

Drawn By: AJJ
Checked By: SEM
Date: 03/16/2023
Project No. 24-0409

Sheet Number

C7.0