



D-Series Size 1 LED Area Luminaire

Specifications:
 Efficacy: 120 lm/W
 Length: 14.25"
 Width: 14.25"
 Height H1: 7.88"
 Height H2: 2.72"
 Weight: 34 lbs

Introduction:
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

Photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information: EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAR2 PIRHN DDXB

Level	Qty	Color Temperature	Color Rendering Index	Mounting	Height	Mounting
DSX1 LED	3	4000K	90	DSX1	25'	DSX1

Ordering options:

Option	Description	Option	Description
DSX1 LED	DSX1 LED luminaire	DSX1 LED	DSX1 LED luminaire
DSX1 LED	DSX1 LED luminaire	DSX1 LED	DSX1 LED luminaire

CYL-UPDN Up/Down Cylinder Luminaire

Project: _____
Type: _____
Catalog #: _____

STANDARD: IESNA, FC, UL, ENEC, CE, RoHS

FEATURES:

- Available in 3000K (warm white), 4000K (neutral white), and 5000K (cool white) color temperatures.
- Long life LEDs provide up to 153,000 hours of operation with at least 70% of initial lumen output (L70).
- CYL-UPDN provides a range of 2.448 to 2.509 nominal lumens and 82 lumens per watt (lm/W).
- Internal switch allows a choice of down light or up/down light.
- 120 AC voltage (50/60Hz) is standard.
- Power factor > 0.90
- Color rendering index > 80
- Aluminum housing and glass lenses.
- Dark bronze power coat finish.
- Easy installation in new construction or retrofit.

WARRANTY & LISTINGS:

- ETLus listed for wet locations.
- Energy Star qualified.
- Complies with FCC Part 15, Class B.
- Complies with EMI/RFI 4-5 surge immunity protection (1kV).
- RoHS compliant.
- 5-year warranty of all electronics and housing.

ORDERING INFORMATION:
 Example: CYL-UPDN-2L-3K-120V

Series	Nominal Lumen Output	Color Temperature	Voltage
CYL-UPDN	2L	3K	120V
		4K	120V
		5K	120V

Dimensions: Diameter: 4.3", Height: 11.8", Weight: 2.7 lbs.

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS:

FEATURES:

- ETLus listed for wet locations.
- Energy Star qualified.
- Complies with FCC Part 15, Class B.
- Complies with EMI/RFI 4-5 surge immunity protection (1kV).
- RoHS compliant.
- 5-year warranty of all electronics and housing.

ORDERING INFORMATION:
 Example: CYL-UPDN-2L-3K-120V

ANCHOR BASE POLES: SQUARE STRAIGHT ALUMINUM

SSA

SCALE: 1" = 20'

DATE: APRIL 23, 2024

SCALE: 1" = 20'

GENERAL NOTES:

- THESE PLANS ARE BASED ON THE ALTA/NSPS LAND TITLE AND TOPOGRAPHIC SURVEY (SURVEY PROJECT #21-22354 DATED 08/16/2021) PREPARED BY: GENTILE AND ASSOCIATES, INC. 550 E. ST. CHARLES PLACE, LOMBARD, ILLINOIS 60148 (630) 916-6262
- ALL RADIUS DIMENSIONS ARE TO BACK OF CURB.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- ALL STRIPING TO BE DOUBLE COATED 4" YELLOW PAINT UNLESS OTHERWISE NOTED.
- WHERE PEDESTRIANS HAVE TO CROSS A TAPERING RAMP OR CURB RAMP THE FACE AND TOP OF CURB ARE TO BE PAINTED USING YELLOW, SLIP RESISTANT PAINT.

QUANTITIES

FIXTURE TYPE:	SYMBOL	QUANTITY
DSX1 LED P7 40K 70CRI T3M EGS (POLE MOUNTED)	☒	3
DSX1 LED P7 40K 70CRI T3M EGS (BUILDING MOUNTED)	☒	4
IES-CYL-UPDN-2L-3K-120V-26-Nov-2019 (DECORATIVE BUILDING MOUNTED) (6"-8" MOUNTING HEIGHT)	☒	9
DSX1 LED P7 40K 70CRI T3M HS (POLE MOUNTED)	☒	1
SSA 23 5G (POLE COLOR, MOUNTING, ETC TO BE SELECTED BY OWNER. FIXTURE SUPPLIER TO DETERMINE IF POLE IS COMPATIBLE WITH FIXTURE)	●	4

PHOTOMETRIC SUMMARY

VEHICULAR USE AREA:

AVERAGE	1.6
MAXIMUM	4.1
MINIMUM	0.1
AVG/MIN	16.0:1

NOTES:

- THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE CRITERIA SHOWN IN THE "QUANTITIES" NOTE, LOCATED ON THIS SHEET. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF WATERMARK ENGINEERING RESOURCES, LTD.
- MOUNTING HEIGHT OF FIXTURES = 25'. MOUNTING HEIGHT INCLUDES A 2' HIGH CONCRETE BASE, TO BE PROVIDED BY THE CONTRACTOR AS PART OF THIS PLAN, AND A 23' HIGH POLE.
- DISTANCE BETWEEN READINGS 10'
- FOOTCANDLE LEVELS SHOWN ARE MAINTAINED. MAINTENANCE FACTOR USED ON THIS DRAWING IS 1.00
- FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ON ADJOINING PROPERTIES OR ROADWAYS.
- HOUSE SIDE SHIELDS ARE NOT ALWAYS ABLE TO BE MODELED DUE TO THE UNAVAILABILITY OF THE PROPER IES FILES. IN THESE INSTANCES OTHER MANUAL ACCOMMODATIONS MAY BE MADE DURING THE MODELING PROCESS TO SIMULATE CUT OFF AT PROPERTY LINES OR ELSEWHERE.
- CONTRACTOR TO VERIFY PROPER ORDERING INFORMATION INCLUDING BUT NOT LIMITED TO, VOLTAGE AND MOUNTING. PRIOR TO ORDERING OR INSTALLING SPECIFIED LUMINAIRES AND/OR POLES. ALL LIGHT FIXTURES TO BE FULL CUT OFF.
- LOCATE WALL PACKS AS NOTED, CONTRACTOR SHALL FIELD ADJUST MOUNTINGS ON BUILDING TO DETERMINE A UNIFORM HEIGHT AND SPACING. WALL PACKS SHALL BE PLACED IN A SYMMETRICAL PATTERN TO MATCH BUILDING ARCHITECTURE AND FINAL LOCATION SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO INSTALLATIONS.
- ALL LIGHTING INSTALLATION AND ASSOCIATED WORK SHALL MEET BUILDING AND ELECTRICAL CODE.
- CONTRACTOR IS RESPONSIBLE TO VERIFY AND CONFIRM MATERIALS AND LABOR FOR ALL ELECTRICAL, CONDUIT, SLEEVES, CONCRETE FOUNDATIONS, POLES, LUMINAIRES, AND ALL NECESSARY PARTS FOR PROPER LIGHTING INSTALLATIONS. ALL PROPOSED LIGHTING WORK SHALL NOT INTERFERE OR INTERRUPT EMERGENCY INGRESS AND EGRESS LIGHTING FIXTURES OR SECURITY SYSTEMS.
- PROPOSED LIGHTING SHALL INCLUDE PHOTOCELL ON/OFF SWITCHING. CONTRACTOR TO VERIFY IF ANY LIGHTS NEED MANUAL OR WIRELESS ON/OFF SWITCHES WITH OWNER'S REPRESENTATIVE.
- THIS PLAN IS FOR LIGHTING PERFORMANCE. ALL MEANS, METHODS, AND ASSOCIATED EQUIPMENT IS THE RESPONSIBILITY OF THE INSTALLER TO DETERMINE AND AT THEIR DISCRETION. ALL INSTALLATIONS SHALL BE COMPLETE AND FINISHED. ANY GAPS OR EXPOSED MOUNTINGS WILL BE REJECTED.
- ALL PROPOSED CONDUIT AND WIRE SERVICES SHALL BE CONCEALED AND HIDDEN SO AS NOT TO BE SEEN OR VISUALLY NOTICEABLE. FINAL LOCATION SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL PAINTING NEEDS SHALL BE DONE BY A PROFESSIONAL COLORIST AND TYPES OF PAINT SHALL MATCH ACCORDINGLY TO ADJACENT COLORS AND MATERIALS. VERIFY AND COORDINATE WITH OWNER'S REPRESENTATIVE ALL WORK.
- ALL RESTORATION SHALL BE DONE TO THE SATISFACTION OF THE OWNER AT NO CHARGE OR EXPENSE TO THE OWNER.
- WHETHER NOTED ON THE PLANS OR NOT ALL ASSOCIATED WORK WITH THE PHOTOMETRIC PLAN INSTALLATION AND CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INSTALL AS NEEDED.
- CONTRACTOR SHALL FIELD ADJUST BASED ON ELECTRICAL SUPPLY AND PROVIDE WIRING AS NEEDED FOR PROPER INSTALLATION. IF NEEDED, CONTRACTOR SHALL CONSULT AN ELECTRICAL ENGINEER.
- CONTRACTOR RESPONSIBLE FOR ALL LUMINAIRE INSTALLATIONS, REPLACEMENTS, CONSTRUCTION REMOVALS AND DISPOSALS.
- CONTRACTOR SHALL FIELD ADJUST AS APPROVED BY OWNER. CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE FOR ALL RESTORATION OR FABRICATIONS NEEDS. SHOP DRAWINGS OR MATCH UPS MAYBE NECESSARY FOR APPROVALS PRIOR TO INSTALLATIONS. VERIFY AS NEEDED.
- ANY FABRICATIONS SHALL BE DONE WITH NON-CORROSIVE EXTERIOR GRADE MATERIALS AND FINISHES TO PROTECT BUILDING FROM ANY STAINING.

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Prepared By:

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PROJECT NO.: 21-055

PHOTOMETRIC PLAN

1 of 1

CHECKED BY: J. MILLER
DESIGN BY: J. MILLER
DRAWN BY: JOSH MILLER
DATE: APRIL 23, 2024
SCALE: 1" = 20'

PROJECT NO.: 21-055

PHOTOMETRIC PLAN

1 of 1