

D-Series Size 2 LED Area Luminaire

Specifications

EPA: 1.56 (3.18 m²)
Length: 40.59" (1031 mm)
Width: 16.76" (425 mm)
Height H1: 8.11" (206 mm)
Height H2: 3.96" (100 mm)
Weight: 46 lbs (20 kg)

Ordering Information

EXAMPLE: DSX2 LED P7 40K 70CRI TSM MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature*	Color Rendering Index*	Distribution	Beam Type	Voltage	Mounting	
DSX2 LED	Forward optics							
	P1	P5	30K 3000K	70CRI	AFR	Automotive beam	TSM	Type II medium
	P2	P6	40K 4000K	70CRI	T15	Type I short	T5G	Type I low glare
	P3	P7	50K 5000K	70CRI	T2M	Type II medium	T5M	Type I wide
DSX2 LED	Recessed optics							
	P4	P8	30K 3000K	80CRI	T3M	Type II medium	BLCA	Type II backlight control
	P10	P13	27K 2700K	80CRI	T4G	Type I low glare	BLCA	Type II backlight control
	P11	P14	30K 3000K	80CRI	T4G	Type I low glare	BLCA	Type II backlight control
DSX2 LED	Recessed optics							
	P12	P15	40K 4000K	80CRI	T5M	Type II medium	LECD	Left corner control
	P13	P16	50K 5000K	80CRI	T5M	Type II medium	LECD	Left corner control
	P14	P17	50K 5000K	80CRI	T5M	Type II medium	LECD	Left corner control

Control options

Shipped installed

Other options

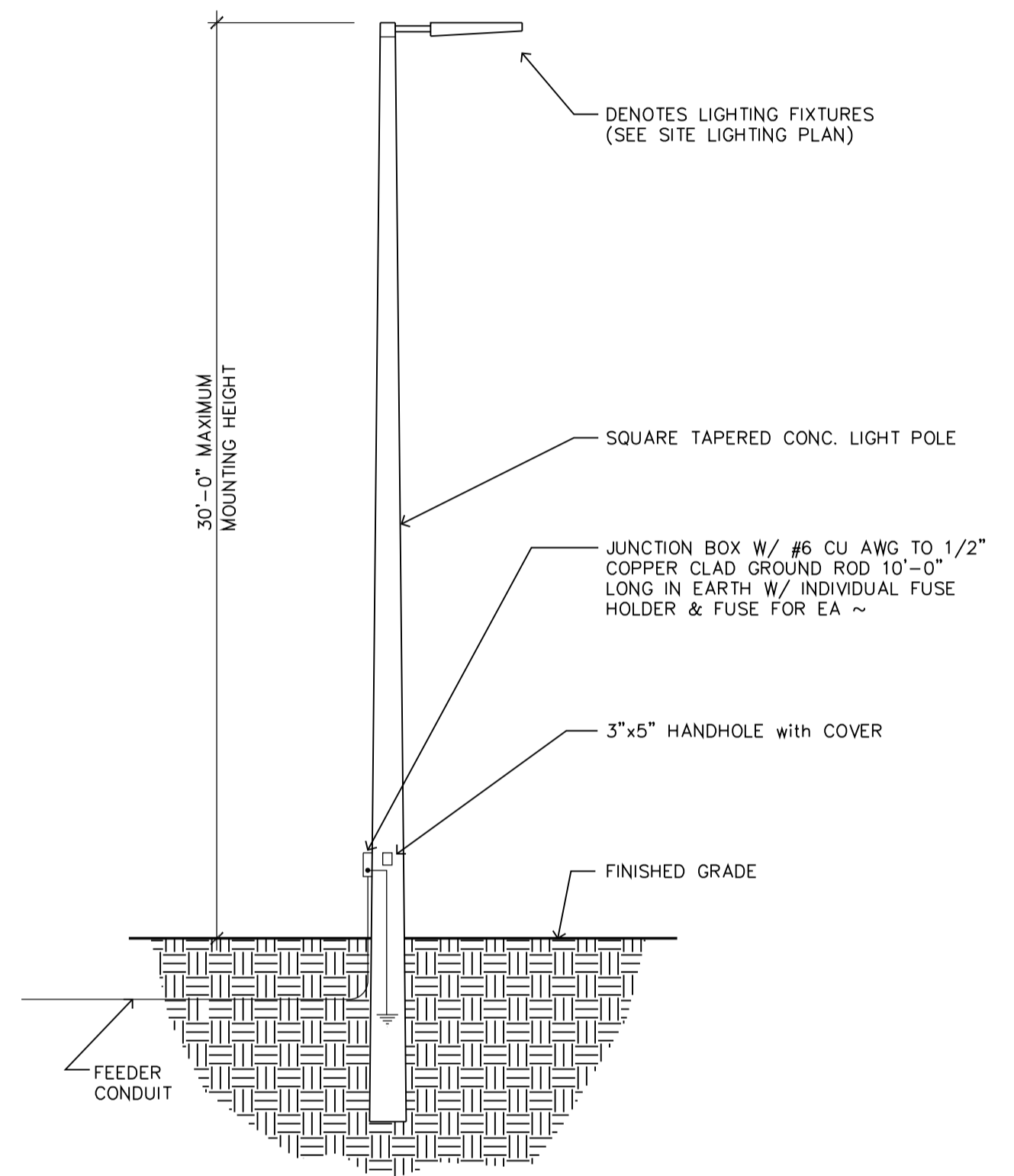
Shipped separately

Finish options

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.

The outstanding 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 up to 80% vs. 1000W HID and expected service life of over 100,000 hours.



SUPPLIER OF POLES SHALL SUBMIT ENGINEERED SHOP DRAWINGS SIGNED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER SIZED FOR THE EFFECTIVE PROJECTED AREA (EPA) OF THE LIGHT FIXTURES ULTIMATELY INSTALLED AND SHALL DETERMINE THE REQUIRED POLE EMBEDMENT DEPTH FOR THE CODE REQUIRED WIND VELOCITY PRESSURE

4 SPEC SHEET

MUNICIPALITY REQUIREMENTS:

CONTRACTOR SHALL OBTAIN LATEST COPY OF REQUIREMENTS FROM THE MUNICIPALITY

MINIMUM FC = 1.0
MAX POLE HEIGHT = 30'
MAXIMUM SPILLAGE = 3.0 FC AT 5 FEET AGL
LUMINAIRE TYPE = FULL CUTOFF







NO SHADE TREE WITHIN 15 FEET OF LUMINAIRE

LIGHT LOSS FACTOR = 0.9
MAX TO MIN RATIO = 12:1
LUMINAIRE TYPE = LED

NOTE: THE SITE PHOTOMETRIC DRAWING WAS DESIGNED UTILIZING THE SPECIFIED LUMINAIRE MANUFACTURER. ANY DEVIATION FROM THE DESIGN DRAWING SHALL REQUIRE PLAN REVISIONS TO THE PERMITTING AGENCIES.

Luminaire Locations

		Location				Aim				
No.	Label	X	Y	Z	MH	X	Orientation	Tilt	Y	Z
3	A	-1331.00	1529.00	30.00	30.00	-1329.42	102.99	0.00	1528.64	0.00
1	B	-1233.00	1636.00	30.00	30.00	-1234.35	303.69	0.00	1636.90	0.00
2	B	-1275.00	1686.00	30.00	30.00	-1273.70	126.87	0.00	1685.03	0.00
2	A	-1314.15	1600.53	30.00	30.00	-1312.57	102.99	0.00	1600.17	0.00

Schedule											
Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
	A		2	Lithonia Lighting	DSX2 LED P5 50K 70CRI T5TM	D-Series Size 2 Area Luminaire P5 Performance Package 5000K CCT 70 CRI Forward Throw	1	41869	0.9	326.58	 Max: 3772cd
	B		2	Lithonia Lighting	DSX2 LED P4 50K 80CRI TSM	D-Series Size 2 Area Luminaire P4 Performance Package 5000K CCT 80 CRI Type 5 Medium	1	33736	0.9	272.65	 Max: 19507cd

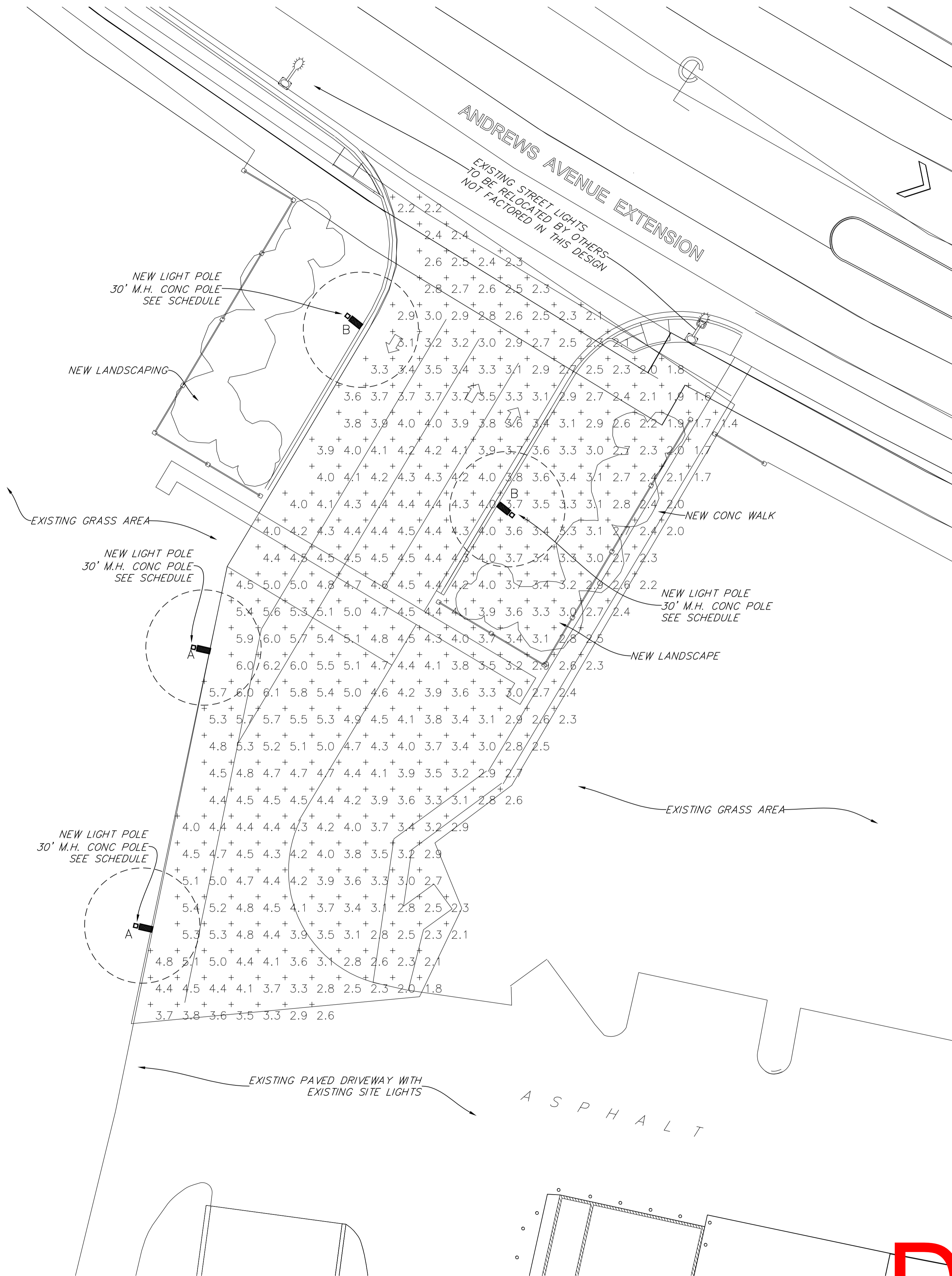
3 LIGHT FIXTURE SCHEDULE

1

PARTIAL SITE LIGHTING PHOTOMETRIC PLAN AT NEW ENTRANCE AND TURN LANE

SCALE 1/8" = 1'-0"

FOR FURTHER INFORMATION, SEE PLANS BY WINNINGHAM & FRADLEY, ENGINEERS AND MCLAGHLIN ENGINEERING FOR SURVEY.



AA26001731

WILLIAM J. GALLO FL AR0008440

Brian Herbert
Digitally signed by Brian Herbert
Date: 2023.07.20 10:40:32 -04'00'

BRIAN P. HERBERT FL AR0015474

BONSAL TURN LANE
1200 NW 18TH ST
POMPANO BEACH FL 33069

OWNER

OLDCASTLE APG

REVISIONS

No.	Description	Date
1	MINOR SITE SBMTL	07-19-2023

PROJECT STATUS

MINOR SITE PLAN SUBMITTAL

DATE

JULY 20, 2023

PROJECT NUMBER

2123

SCALE

AS SHOWN

DRAWN BY

JET

CHECKED BY

JET

DRAWN BY

JET

SITE LIGHTING PHOTOMETRIC PLAN

DRAWN BY

JET

DATE

10/04/2023

PZ23-12000032
04/17/2024

PZ23-12000032
10/04/2023