

LEGACY CHURCH - GREEN MOUNTAIN FALLS, CO DEVELOPMENT PLAN

SITUATED IN A PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 5 AND THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 8, TOWNSHIP 13 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

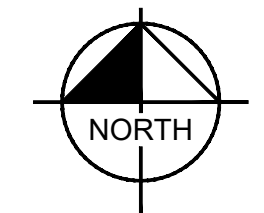
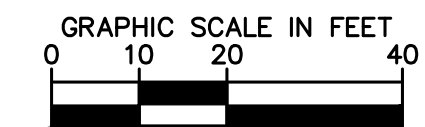
LUMINAIRE SCHEDULE							
LABEL	QUANTITY	WATTS	LUMENS	COLOR TEMPERATURE	LIGHT LOSS FACTOR	CATALOG NUMBER	MOUNTING HEIGHT
T3M	1	54	6278	3000K	0.90	DSX1-P1-30K-T3M-MVOLT	20'-0"
T5M	5	54	6710	3000K	0.90	DSX1-P1-30K-T5M-MVOLT	20'-0"
T2M	6	54	5285	3000K	0.90	DSX1-P1-30K-T2M-MVOLT-HS	20'-0"
T4M	3	54	4910	3000K	0.90	DSX1-P1-30K-T4M-MVOLT-HS	20'-0"

GENERAL NOTES:

- 1 FIXTURE AND POLE SHALL BE INSTALLED ON 3'-0" ABOVE GRADE FOUNDATION.

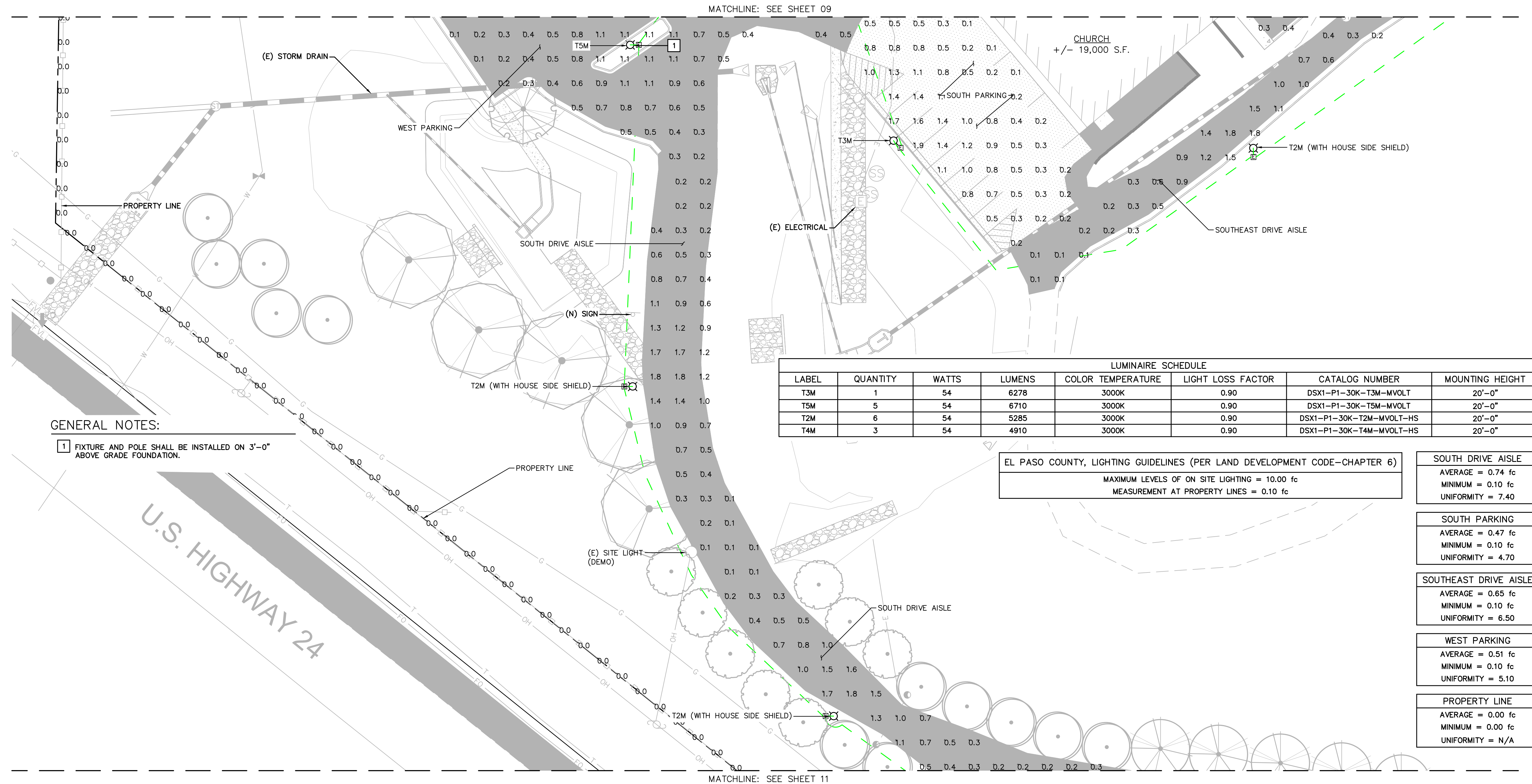
BUILDING ENTRANCE AVERAGE = 0.61 fc MINIMUM = 0.10 fc UNIFORMITY = 6.10	SOUTHEAST DRIVE AISLE AVERAGE = 0.65 fc MINIMUM = 0.10 fc UNIFORMITY = 6.50
EAST PARKING AVERAGE = 0.57 fc MINIMUM = 0.10 fc UNIFORMITY = 5.70	WEST PARKING AVERAGE = 0.51 fc MINIMUM = 0.10 fc UNIFORMITY = 5.10
NORTHEAST PARKING AVERAGE = 0.43 fc MINIMUM = 0.10 fc UNIFORMITY = 4.30	PROPERTY LINE AVERAGE = 0.00 fc MINIMUM = 0.00 fc UNIFORMITY = N/A
NORTH DRIVE AISLE AVERAGE = 0.68 fc MINIMUM = 0.10 fc UNIFORMITY = 6.80	NORTH PARKING AVERAGE = 0.33 fc MINIMUM = 0.10 fc UNIFORMITY = 3.30

EL PASO COUNTY, LIGHTING GUIDELINES (PER LAND DEVELOPMENT CODE-CHAPTER 6)
 MAXIMUM LEVELS OF ON SITE LIGHTING = 10.00 fc
 MEASUREMENT AT PROPERTY LINES = 0.10 fc



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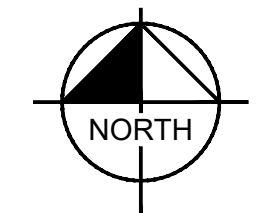
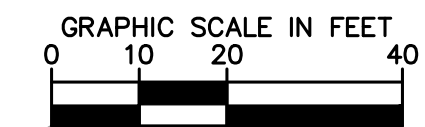


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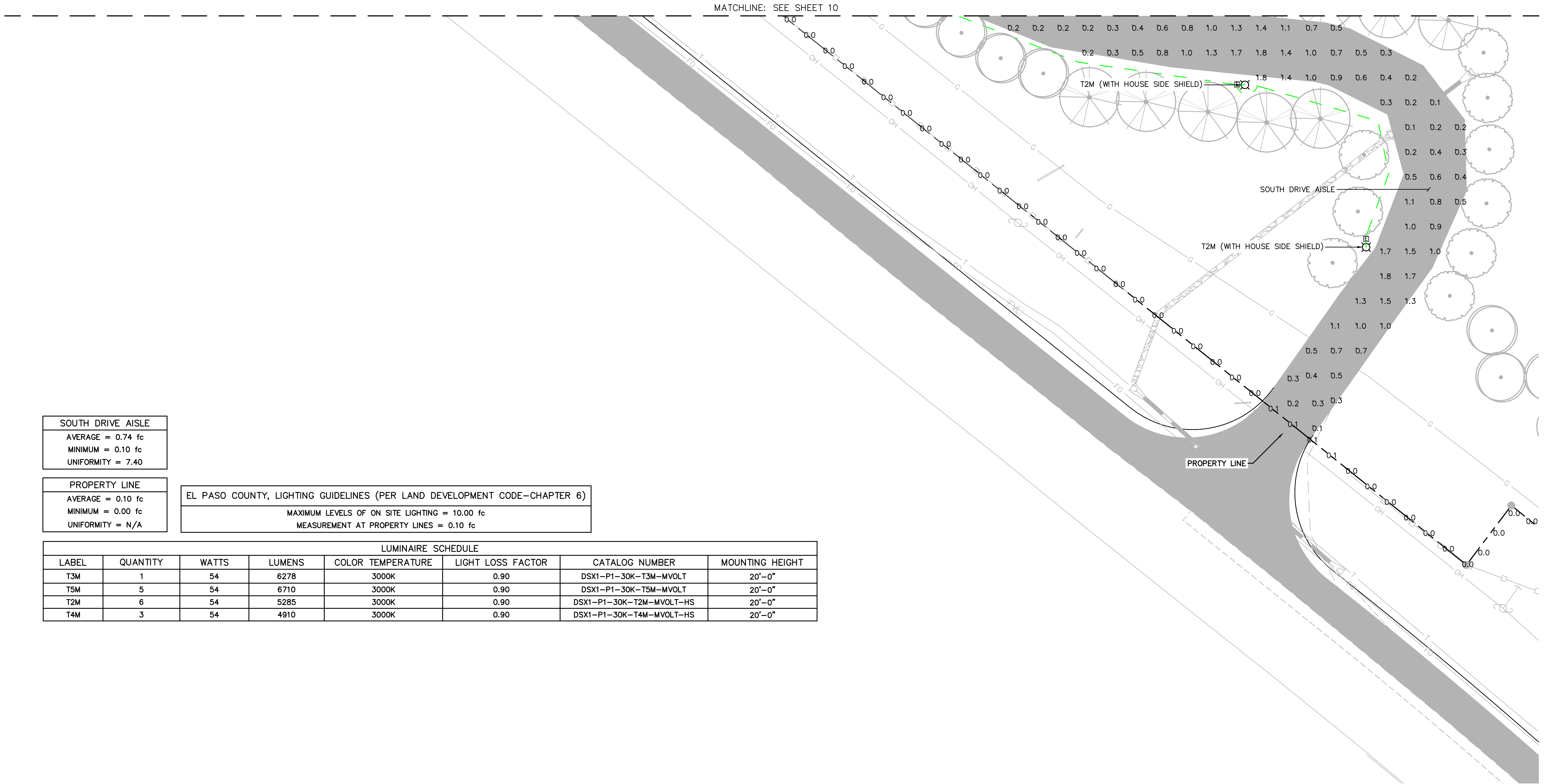
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 MAXIMUM LEVELS OF ON SITE LIGHTING = 10.00 fc
 MEASUREMENT AT PROPERTY LINES = 0.10 fc

SOUTH DRIVE AISLE AVERAGE = 0.74 fc MINIMUM = 0.10 fc UNIFORMITY = 7.40
SOUTH PARKING AVERAGE = 0.47 fc MINIMUM = 0.10 fc UNIFORMITY = 4.70
SOUTHEAST DRIVE AISLE AVERAGE = 0.65 fc MINIMUM = 0.10 fc UNIFORMITY = 6.50
WEST PARKING AVERAGE = 0.51 fc MINIMUM = 0.10 fc UNIFORMITY = 5.10
PROPERTY LINE AVERAGE = 0.00 fc MINIMUM = 0.00 fc UNIFORMITY = N/A



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SITUATED IN A PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF
SECTION 5 AND THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 8, TOWNSHIP 13
SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



SOUTH DRIVE AISLE	
AVERAGE =	0.74 fc
MINIMUM =	0.10 fc
UNIFORMITY =	7.40

PROPERTY LINE	
AVERAGE =	0.10 fc
MINIMUM =	0.00 fc
UNIFORMITY =	N/A

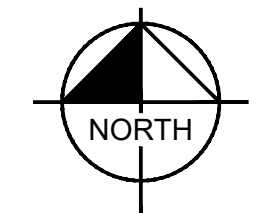
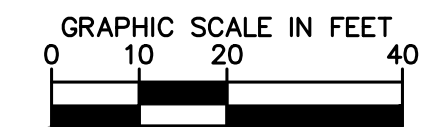
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2 NORTH NEVADA AVENUE, SUITE 300
COLORADO SPRINGS, COLORADO 80903 (719) 453-0180



REV: 11/22/19
REV: 10/18/19
PHOTOMETRIC PLAN
SHEET 11 OF 14

LEGACY CHURCH - GREEN MOUNTAIN FALLS, CO DEVELOPMENT PLAN

SITUATED IN A PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 5 AND THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 8, TOWNSHIP 13 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



D-Series Size 1 LED Area Luminaire

Specifications

EPA: 1.01 ft²
(0.09m²)

Length: 33"
(0.84m)

Width: 13"
(0.33m)

Height H1: 7-1/2"
(0.19m)

Height H2: 3-1/2"
(0.09m)

Weight (max): 27 lbs
(12.2kg)

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

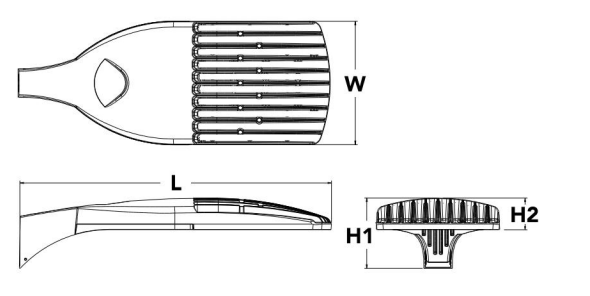
The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Catalog Number: _____

Note: _____

Spec: _____

For the key to icons on this page, see the Introduction tab.



Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED	LEDs	Color Temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	40K 4000K	T15 Type I short	TSVS Type V very short	MVOLT
P7	P4		T25 Type II short	TSS Type V short	120V
P2	P5		T30 Type III short	TSM Type V medium	208V
P8	P6		T35 Type III short	TSW Type V wide	240V
P3	P9		TSM Type III medium	BLC Backlight control	277V
P12			TSM Type III medium	LECO Left corner cutoff	347V
P13			TFM Forward throw medium	RCCO Right corner cutoff	480V

Control options

NERA2 High Alt generation 2 enabled¹

PIRHN Network, high flow motion ambient sensor¹

PER NEMA twist-lock receptacle only (controls ordered separately)¹⁶

PER5 Five-pin receptacle only (controls ordered separately)^{16,17}

PER7 Seven-pin receptacle only (controls ordered separately)^{16,17}

DWS 0-10V dimming wires pulled outside fixture for use with an external control (controls ordered separately)¹⁸

DS Dual switching^{12,14}

Other options

PIR High flow, motion ambient sensor, 8-15' mounting height, ambient sensor enabled at 16"^{12,14}

PIRH High flow, motion ambient sensor, 15-30' mounting height, ambient sensor enabled at 16"^{12,14}

PIRHFCV High flow, motion ambient sensor, 8-15' mounting height, ambient sensor enabled at 16"^{12,14}

PIRHFCV Bi-level, motion ambient sensor, 15-30' mounting height, ambient sensor enabled at 16"^{12,14}

FAO Field adjustable output¹¹

Shipped installed

DDBXD Dark bronze

DBXD Black

DVXD Natural aluminum

DWDXD White

DOBXD Textured dark bronze

DBLXD Textured dark black

DNKXD Textured natural aluminum

DWGXDXD Textured white

Shipped separately

EGS External glare shield¹⁹

Ordering Information

Accessories
Ordered and shipped separately.

- SKL10R 1.5 BR Photocell - See table (302-372)
- SKL10R 1.5 CLR Photocell - See table (200-1)
- SKL10R 1.5 CLR BR Photocell - See table (200-1)
- SK20R 2 BR Starting cap
- SK20R 3 BR Square side shield for P1, P2, P3, P4 and P7
- SK20R 4 BR Square side shield for P5 and P7
- SK20R 5 BR Square side shield for P6, P8, P9, P12 and P13
- SK20R 6 BR Square and round pole universal mounting bracket (square hole)
- KMAA DDBXD II Flat arm mounting bracket adaptor (square hole)²⁰

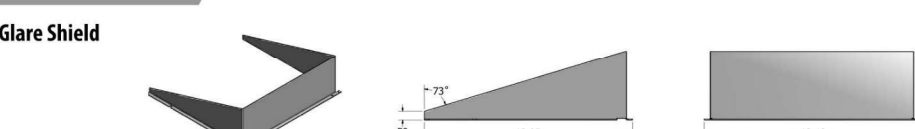
For more control options, visit [www.lithonia.com](#) online.

NOTES

- 1 P10, P11, P12 or P13 and related optics (L90, R90) only available together.
- 2 Not available with H5.
- 3 MCKF drive operates on any line voltage from 120/277V/347V/480V.
- 4 Single line DP requires 277V or 347V Double Line DP requires 208V/240V or 480V.
- 5 Universal mounting brackets intended for retrofit on existing pole only. 1.5 G-rotation load rating per ANSI C136.3.
- 6 Must order fixture with SKA option. Multiple ordered as separate accessories, see Accessories information. For use with 3.5" must arm (not included).
- 7 Must be ordered with P7M. Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- 8 Must be ordered with R2M2. For more information visit [www.lithonia.com](#).
- 9 Photocell ordered and shipped as a separate item from Acuity Brands Controls. See accessories. Not available with DS option. Starting cap included.
- 10 PIR/HMN only required. Must be ordered and shipped as a separate item from Acuity Brands Controls. Fixture with integral dimming.
- 11 PIR/HMN operation on (1) independent driver. Not available with PER, PER5, PER7, P8 or P9. Not available P1, P2, P3, P4 or P5.
- 12 Requires 0-10V dimming control circuit with isolated neutral. See Controls Control Technical Guide for details.
- 13 Reference Motion Sensor table on page 4.
- 14 Reference Controls Sensor table on page 4.
- 15 Reference Controls Sensor table on page 4 for use functionality.
- 16 Not available with other dimming control options.
- 17 Not available with B.C., LECO and RCCO distribution. Also available as a separate accessory, see Accessories information.
- 18 Must be ordered with fixture for factory pre-wiring.
- 19 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER table on page 3.
- 20 For white use only.

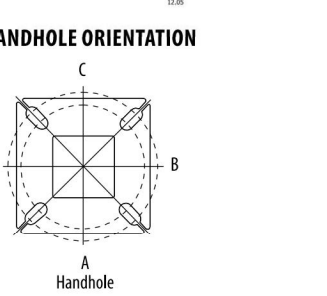
Options

EGS - External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

Mounting	2 in 100	2 in 150	2 in 200	2 in 250	2 in 300	2 in 350
SPA, SPA, SPA	AS3-190	AS3-200	AS3-210	AS3-220	AS3-230	AS3-240
RUP, RUP, RUP	AS3-190	AS3-200	AS3-210	AS3-220	AS3-230	AS3-240

Mounting System	Drilling Template	Single	2 in 100	2 in 150	2 in 200	2 in 250	2 in 300	2 in 350
Head Location	Side B	Side B, C, D	Side B, C, D	Round Pole Only	Side A, B, C, D	Side A, B, C, D		

Drilling Template	Minimum Acceptable Retaile Pole Dimensions
SPA	#8 2-7/8" 2-7/8" 3-5/8" 3-5/8" 5" 3-5/8"
RUP	#8 2-7/8" 2-7/8" 3-5/8" 3-5/8" 5" 3-5/8"
SP	2-7/8" 3" 4" 4" 3-5/8" 4"
RUP	#5 2-7/8" 3-5/8" 5" 5" 3-5/8" 5"

LITHONIA DSX1 LUMINAIRE (1 OF 2)
SCALE: N.T.S.

LITHONIA DSX1 LUMINAIRE (2 OF 2)
SCALE: N.T.S.

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Kimley Horn

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REV: 11/22/19
REV: 10/18/19
FIXTURE CUT SHEET
SHEET 12 OF 14

GREEN MOUNTAIN FALLS CHURCH DEVELOPMENT PLAN - COUNTY FILE NO. PPR1933