### PHOTOMETRIC NARRATIVE

THE LIGHTING FOR THIS SITE IS FULLY LED. THE SITE LIGHTING WAS DESIGNED TO PROVIDE LIGHTING FOR PEDESTRIAN SAFETY AND SECURITY WHILE MINIMIZING LIGHT TRESPASS AND

THIS LIGHTING LAYOUT AND SELECTED FIXTURES ARE IN COMPLIANCE WITH THE STEAMBOAT CALCULATIONS SHOWN WERE PERFORMED ON A 10' X 10' GRID AND VALUES ARE SHOWN IN CALCULATION POINTS ALONG THE PROPERTY LINE ARE 0.0 FC

TIMECLOCK AND PHOTOCELL CAPABILITIES.

ALL PROPOSED LIGHT FIXTURES INSTALLED ON PRIVATE PROPERTY, ADJACENT TO THE PUBLIC RIGHT OF WAY, SHALL BE ORIENTED IN SUCH A MANNER OR LIMITED IN LUMEN OUTPUT TO PREVENT GLARE AND SHALL NOT EXCEED THE NATIONAL I.E.S. STANDARDS FOR DISABILITY GLARE.

**CALCULATION VALUES: OVERALL SITE** 

AVG: 0.35 FC MIN: 0.0 FC MAX: 6.7 FC

**ILC STUDIOS** 2301 Blake Street, Suite 100 **Denver, CO 80205** (720) 248-8208

PROJECT NUMBER:



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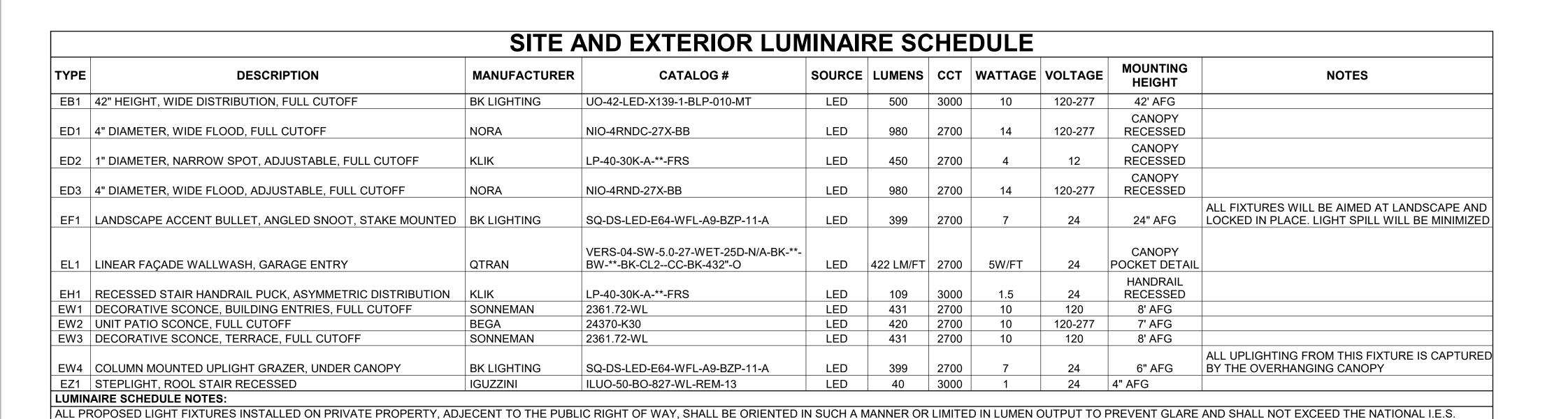


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(request color guide) Hole R85 85mmR 35K 3500K 4.5 4.5 Watts FLD Flood 40K 4000K 6.6 6.6 Watts SPTRFL Spot Reflector NFLRFL Narrow Flood Reflector 50K 5000K 7.5 7.5 Watts SPC Standard Powdercoat FLDRFL Flood Reflector RED Red LUMINAIRE SCHEDULE GRN Green BLU Blue AMB Amber PCA PC Amber

AND CUTSHEETS



STANDARDS FOR DISIBILITY GLARE.

# EB1 UNION® BOLLARD LED (INTEGRAL DRIVER)



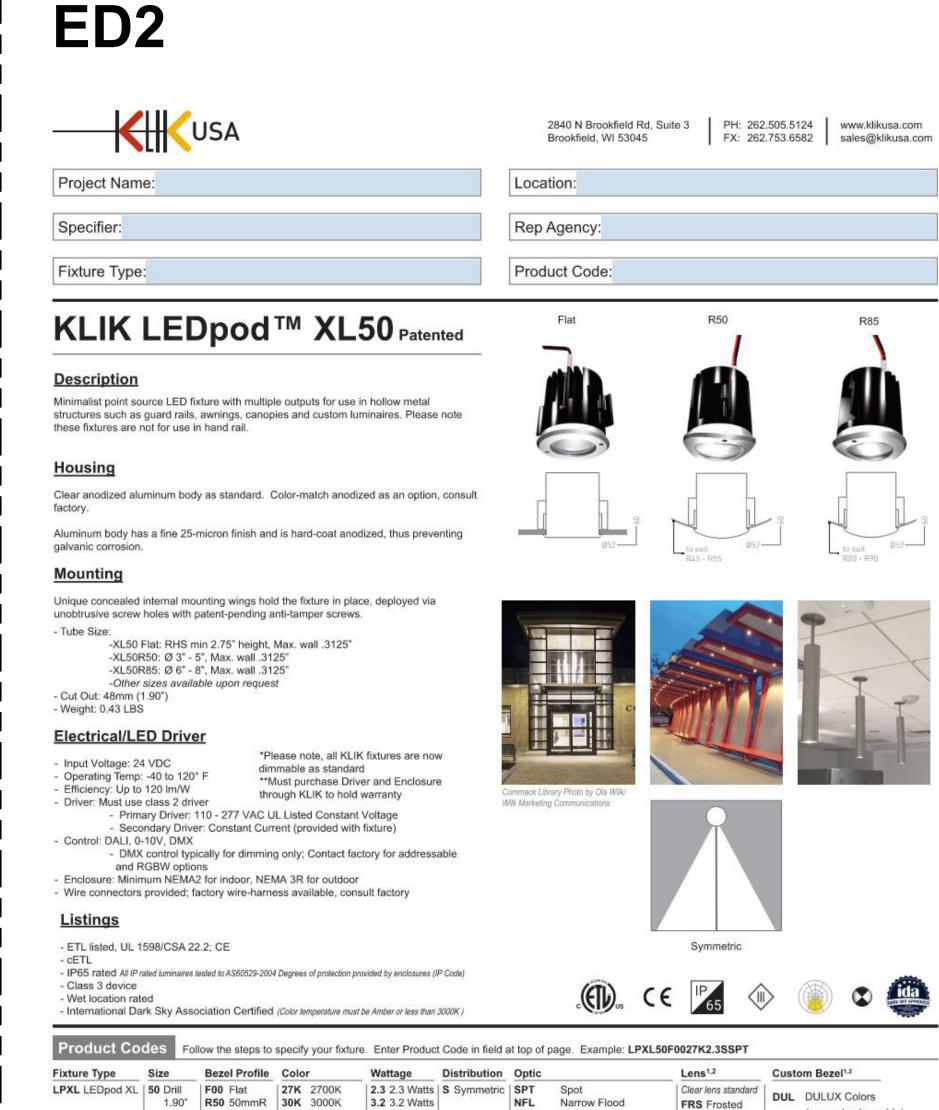
\*120V only

# Anchor kit may be shipped ahead upon request.

### CATALOG NUMBER LOGIC Example: UO - 42 - LED - x139 - 1 - BLP - RE1 - INC - MT MATERIAL Aluminum SERIES UO - Union Bollard **OVERALL HEIGHT** SOURCE LED - Chip on Board Technology LED TYPE x138 - 20W LED/2700K/80CRI x139 - 20W LED/3000K/80CRI x140 - 20W LED/3500K/80CRI x141 - 20W LED/4000K/80CRI TYPE II OPTIC ORIENTATION 1 - Wide Throw 2 - Forward Throw FINISH (See page 2 for full-color swatches) Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER) Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR) Also available in RAL Finishes RECEPTACLE (Blank) - No Receptacle RE1 - Receptacle 20A RE2 - Receptacle w/ 1 USB-A and 1 USB-C port RE3 - Receptacle w/ RJ45 Jack CONTROL TYPE ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)\* INC - Dimming Driver (For use with Incandescent Dimmer)\* 010 - Dimming Driver (For use with 0-10 Dimmer, 1-100% Dimming) INPUT VOLTAGE

ED1, ED3

NIO-4RNDC 4" Iolite Round Reflector with Round Aperture			Туре		
Source: 14W to 28W LED 800Im to 2500Im			Project Catalog No. Notes		
					OUGHI to 2000iii
PRODUCT DESCRIPTION  4" lolite reflectors can be specified for use with lolite new construction or remodel housings. Deep regressed cone reflectors optimize visual cut-off.					PRODUCT IMAGES & DIMENSION
FEATURES  - 800lm, 1000lm, 1500lm, 2000lm or 2500lm LED packages  - 2700K, 3000K, 3500K, 4000K, 5000K @ 90+ CRI  - Cree® LED COB or Comfort Dim Technology  - Flood optic, narrow flood and spot optics (included)  - 5-Year limited warranty					
SPECIFICATION  Construction: Reflectors are constructed of heat dissipating, die-cast aluminum. The aluminum die-cast LED heat sink is threaded to fit the reflector and transfer heat.				Round Reflector w	th Round Aperture
Mounting: Reflector includes friction bl.	ades to mount securely	to housing.			
OPTICS 800-1000Im: Each reflector includes fie 15° and 25° TIR optics are also available 1500-2500Im: Each reflector includes f				BB Black Reflector Black Flange	<b>BW</b> Black Reflector White Flange
ELECTRICAL Lumens / Wattage: 800lm / 14W, 1000l Color Temperature: 2700K, 3000K, 35l CRI: 90+CRI Operating Temp.: Specified by housing Lifetime: 50,000 hours @ L70 Comfort Dim: Comfort Dim color tunes gradual, even curve. Available in 800lm Dimming: Specified by housing	00K, 4000K, 5000K ) the temperature from		and comfortable 2000K on a	BZ Bronze Reflector Bronze Flange	CHMPW Champagne Haze Reflect Matte Powder White Flan
COMPATIBLE HOUSINGS Reflectors are compatible with respective compatible	LUMENS / WATTAG  10 800-1000 im / 14W  10 800-1000 im / 14W  10 1500 im / 20W  1500 im / 20W  10 2000 im / 24W  10 2500 im / 28W			HW Haze Reflector White Flange	HZMPW Haze Reflector Matte Powder White Flan
NHIOICDCP-425 Chicago Plenum 2500lm / 28W  Accessories: Reflectors will accommodate (1) hex louver and (1) translucent deco collar or opaque snoot, no accessory holder is required, see accessories page. Flush mount mud ring is available to give the appearance of a trimless reflector, compatible with new construction housing only.				MPW Matte Powder White Reflector Matte Powder White Flange	<b>NN</b> Natural Metal Reflecto Natural Metal Flange
LABELS AND LISTINGS  CULus Listed for Wet Locations  ENERGY STAR certified  5-Year Limited Warranty  RoHS Compliant  Certified to the high efficacy require	ements of California Tit	le 24 JA8-2019			
\$5 KIN		omfort <b>Dim</b>	SA	<b>WW</b> White Reflector White Flange	
4" Iolite Round Reflector with	COS OFFICE SS		<del></del>	Compatible Housings	
Reflector Type	Color Temp.	Finish	Lumens / Wattage	Housing Type	
NIO-4RNDC = Round Reflector with Round Aperture	27X = 2700K 30X = 3000K 35X = 3500K 40X = 4000K 50X = 5000K CDX = Comfort Dim	BB = Black / Black BW = Black / White BZ = Bronze / Bronze CHMPW = Champagne / Matte HW = Haze / White	/10 = 1000lm / 14W /10 = 1000lm / 14W /HL = 1500-2500lm Powder White (varies by housing)	NHIOICD-48 = ICAT New Construction / 800-100lm / 14W     NHIOICDCP-48 = Chicago Plenum / 800-100lm / 14W     NHRIOIC-48 = ICAT Remodel / 800-100lm / 14W     NHIOICD-415 = ICAT New Construction / 1500lm / 20W     NHIOICDCP-415 = Chicago Plenum / 1500lm / 20W     NHIOICDCP-420 = ICAT New Construction / 2000lm / 24W     NHIOICDCP-420 = Chicago Plenum / 2000lm / 24W     NHIOICDCP-425 = ICAT New Construction / 2500lm / 28W     NHIOICDCP-425 = Chicago Plenum / 2500lm / 28W	



RGB RGBW<sup>2</sup>

Additional charges and lead time apply for this feature.

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MT - 120-277 VAC Input

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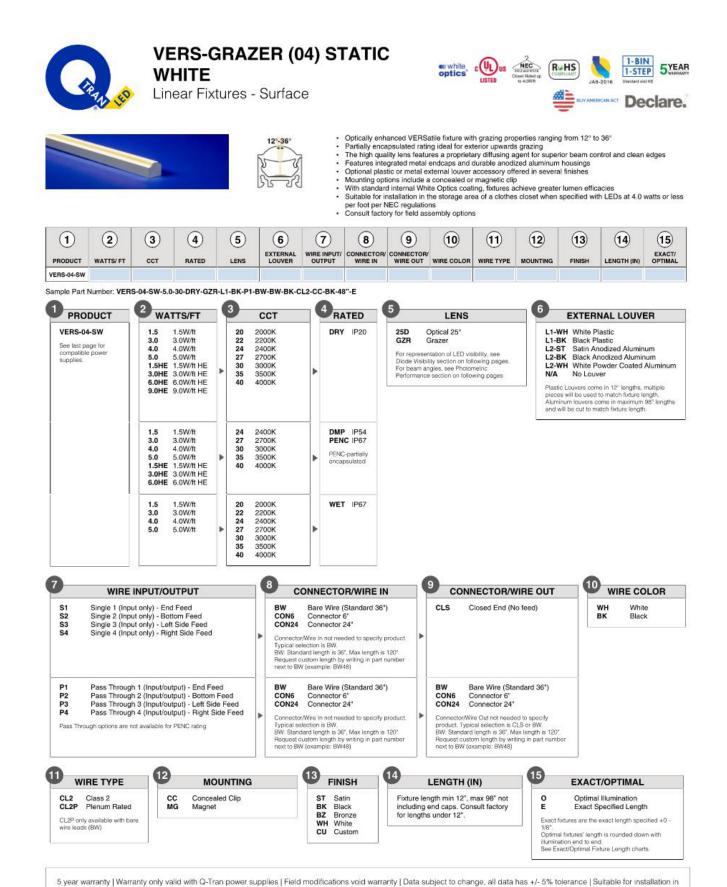


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### EL1

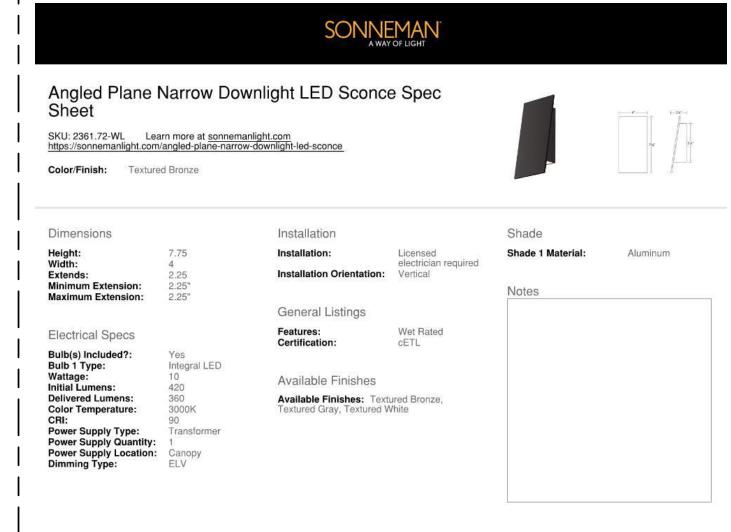


the storage area of a clothes closet when using wattage of 4.0W/ft or less

Specification subject to change, Rev-10-16-23

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### EW1



# ILC STUDIOS 2301 Blake Street, Suite 100 Denver, CO 80205 (720) 248-8208

# AMBLE STEAMBOAT

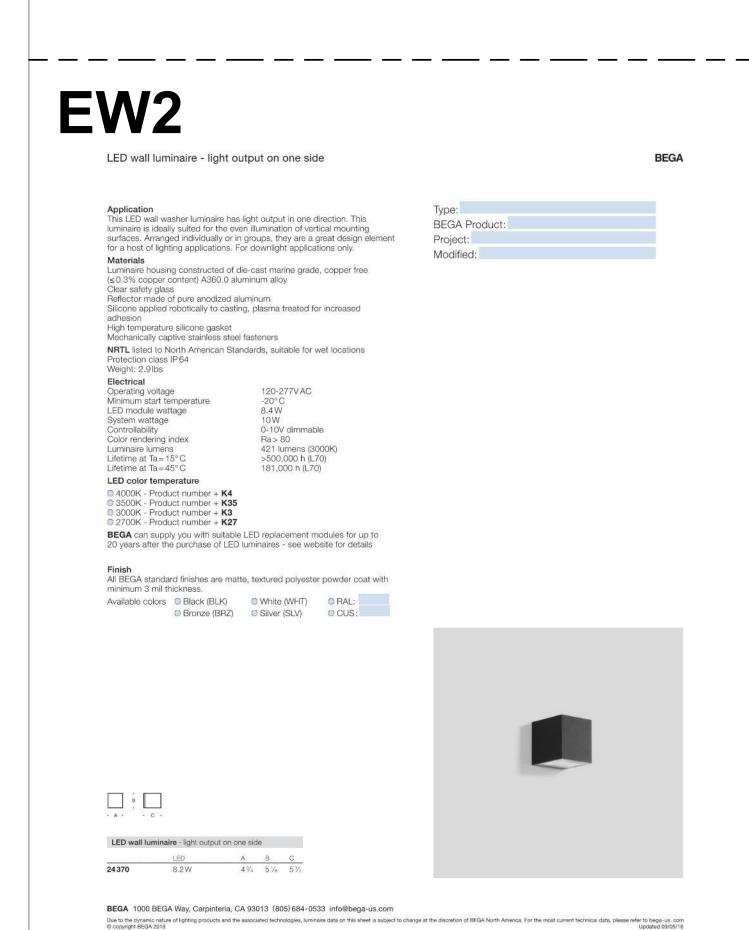
r WERNER CIR NGS, CO, 80487-9029

2181 MOUNT STEAMBOAT SPRI

ISS. # DESCRIPTION DATE
PROJECT NUMBER: Project Number

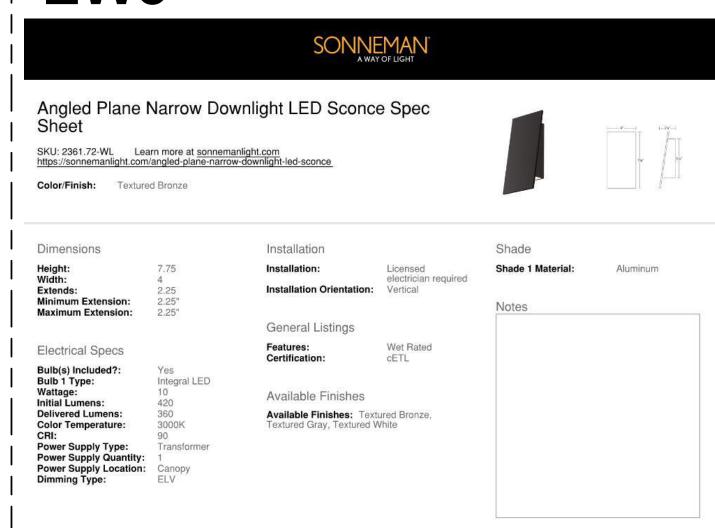
LUMINAIRE CUTSHEETS

ELX3



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## EW4

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SUB-2821-00

# EZ1

