SITE LIGHTING IS DESIGNED TO PROVIDE NO MORE THAN EGRESS ILLUMINATION WHERE REQUIRED BY CODE AND FOLLOWS DARK SKY COMPLIANCE WITH FULLY SHIELDED DIRECT ONLY LUMINAIRES.

ALL PERMANENTLY INSTALLED EXTERIOR LIGHTING SHALL BE LED TECHNOLOGY WITH A STANDARD CORRELATED COLOR TEMPERATURE [CCT] OF 2700 OR 3000 KELVIN AND A COLOR RENDERING INDEX [CRI] GREATER THAN 80.

LUMINAIRE TYPE X07

EMERGENCY LIGHTING

Avg/Min Ratio = 3.70

Max/Min Ratio = 7.75

1FC AVERAGE

Illuminance (Fc)

Average = 1.48

Maximum = 3.1

Minimum = 0.4

SELUX ARCA

TYPE 3 OPTIC

24 WATTS

B1-U0-G1

PATHS ARE LIT WITH 39 INCH FULLY SHIELDED BOLLARDS IF SURROUNDING FOLIAGE IS LOW OR 144" HIGH POLES IF THEY CAN BE CONCEALED WITHIN SURROUNDING TREES.

PROVIDE 1 FOOTCANDLE MINIMUM FOR ALL EXTERIOR EGRESS AREAS WHEN AREA IS OCCUPIED.

PROVIDE 1 FOOTCANDLE AVERAGE FOR ALL EXTERIOR EMERGENCY PATHS.

PROVIDE 10 FOOTCANDLES MINIMUM AT POOL SURFACE AND DECKS.

STUMBLING HAZARDS LIKE STAIRS AND EDGES WILL REQUIRE STEP OR PATHLIGHTS TO PROVIDE SAFE CONDUCT.

PROVIDE DEDICATED LIGHTING FOR SIGNAGE INCLUDING BRANDED RESIDENCES HOUSE NUMBERS AND GUEST CABIN HOUSE NUMBERS/NAMES.

REFER TO CIVIL ENGINEER'S DOCUMENTS FOR ROAD AND PARKING LIGHTING.

PROVIDE WET LOCATION RATED RECEPTACLES FOR EVENT LIGHTING AND FUTURE PATH LIGHTING IN SELECT AREAS TO BE CONTROLLED BY BUILDING LIGHTING CONTROL SYSTEM.

ALL LANDSCAPE AND HARDSCAPE LIGHTING DIRECTLY ADJACENT TO BUILDINGS TO BE CONTROLLED VIA BUILDING LIGHTING CONTROL SYSTEM.

BRANDED RESIDENCES AND GUEST CABINS: LANDSCAPE AND HOUSE NUMBER/NAME SIGNAGE LIGHTING TO BE CONTROLLED BY RESIDENCE LIGHTING CONTROL SYSTEM.

REFER TO BYLA SITE LIGHTING PLANS FOR AREAS THAT ARE NOT CONTROLLED BY BUILDING AUTOMATION SYSTEM. PROVIDE DEDICATED CONTROL PANEL FOR THESE AREAS.

LUMINAIRE TYPE X08 BEGA 99058

EMERGENCY LIGHTING

Avg/Min Ratio = 8.70

EGRESS LIGHTING

1FC MINIMUM

Illuminance (Fc)

Max/Min Ratio = 27.00

1FC AVERAGE

Illuminance (Fc)

Average = 1.74

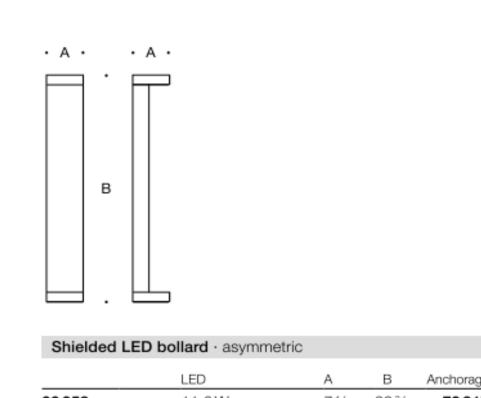
Maximum = 5.4

Minimum = 0.2

DARK SKY COMPLIANT 39" HIGH SHIELDED LED BOLLARD - ASYMMETRIC WIDE BEAM

11.6 WATTS B0-U0-G1

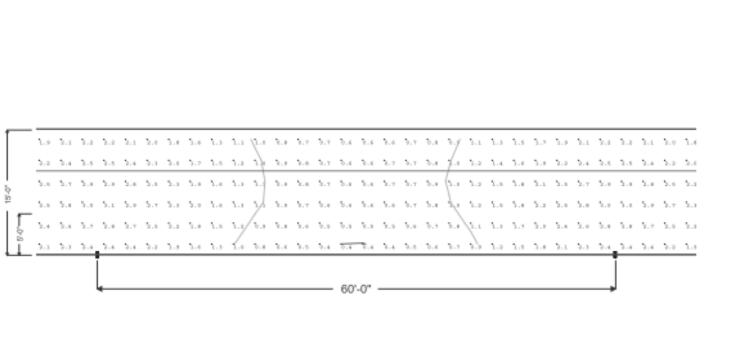


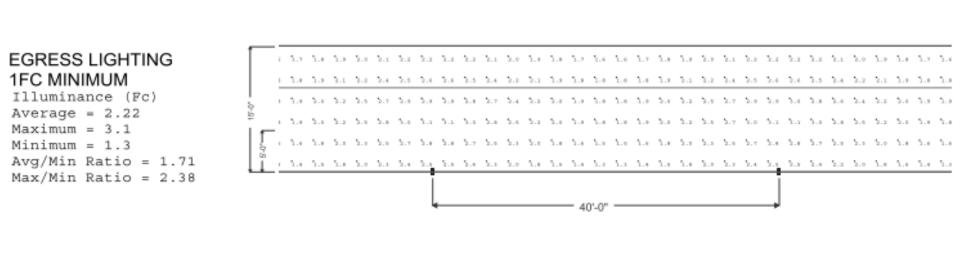


3 to 30 to 30.

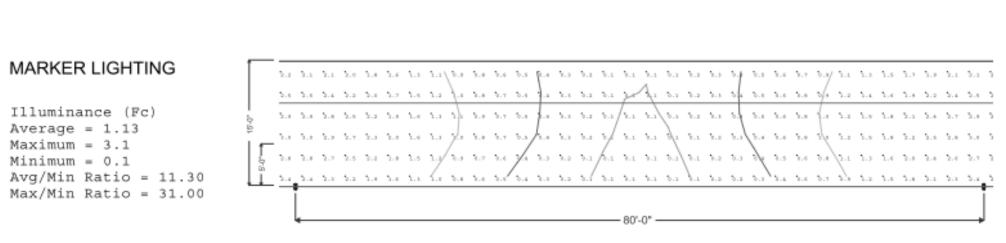






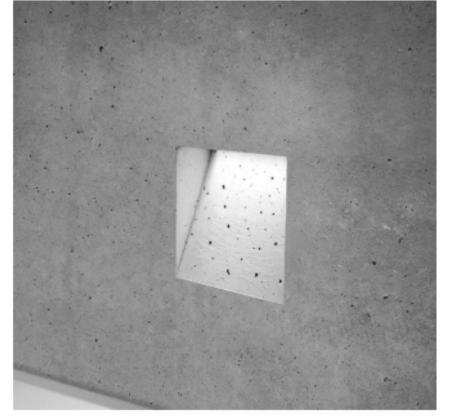


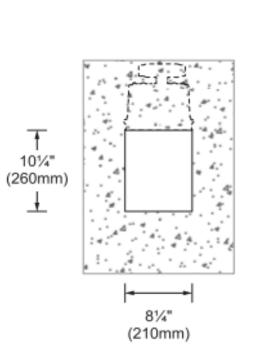
DARK SKY COMPLIANT 10' HIGH SHIELDED LED POLE WITH 2' CONCRETE PLINTH -

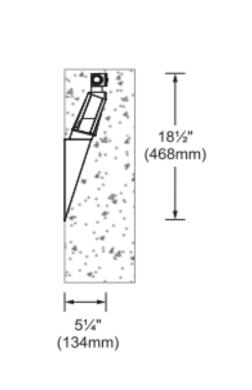


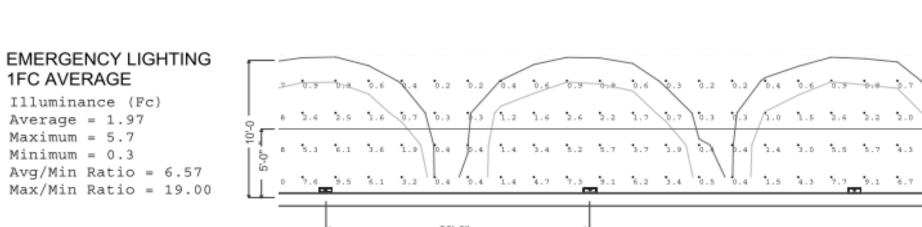
LUMINAIRE TYPE X05 SISTEMALUX GHOST

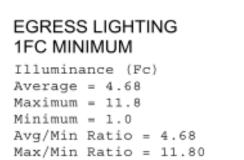
DARK SKY COMPLIANT 26" HIGH RECESSED LED STEPLIGHT - DOWNWARD ASYMMETRIC BEAM 12 WATTS B0-U1-G1











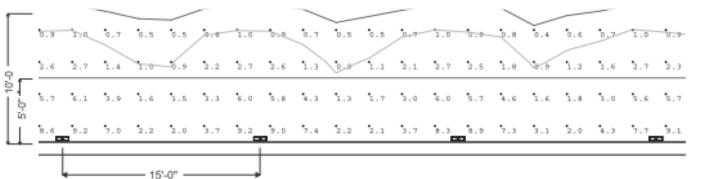
1FC AVERAGE

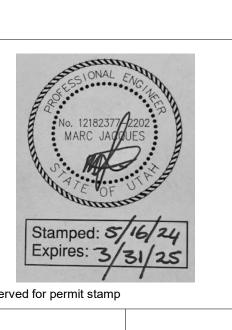
Illuminance (Fc)

Average = 1.97

Maximum = 5.7

Minimum = 0.3





2696 N University Ave, Suite 290 Provo, UT 84604 <u>Landscape Architect</u> **EPG Design**6949 South High Tech Drive, Suite 100
Midvale, Utah 84047

Specifications Writer Friday Group 88 Mainelli Road Middlebury, VT Code Consultant
Holmes 600 1st Avenue, Suite 200A Seattle, WA 98104

Fire Protection Engineer

Jensen Hughes
One Research Drive, Suite 305C Westborough, MA 01581 Vertical Transportation Consulatant Lerch Bates 19515 North Creek Parkway, Suite 304 Bothell, WA 98011

Structural Engineer
Magnusson Klemencic Associates 1301 5th Ave, Suite 3200 Seattle, WA 98101 <u>Lighting Designer</u>

1319 SE MLK Blvd, Suite 210 Portland, Oregon 97219 Building Envelope Consultant RDH 2101 N 34th St

Seattle, WA 98103 Accessibility Consultant
Studio Pacifica 2144 Westlake Ave N, Suite F Seattle, WA 98109

MEP Engineer
WSP USA
1001 Fourth Ave., Suite 3100 Seattle, WA 98154 principal architect_____

> drawn by_____ checked by <u>Checker</u> job no. date 5/17/2024

project manager_____

IFC Set 2 of 3 5/17/2024

no. date

ELECTRICAL SITE LIGHTING DETAILS

