

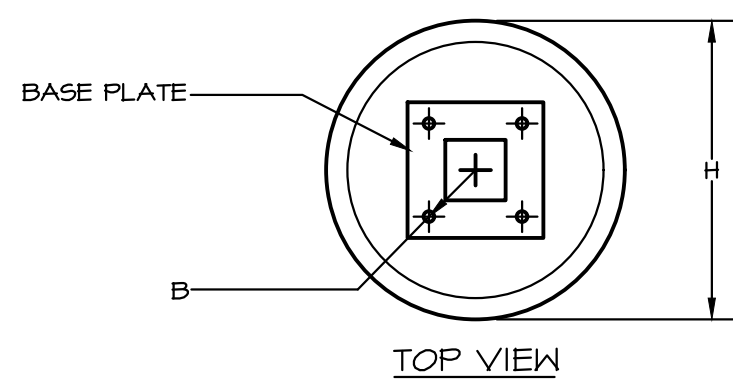
KEYNOTE LEGEND	
KEY VALUE	
◇	AREA IS PART OF INTERIOR SCOPE AND DOES NOT HAVE SITE LIGHTING

THE ASTRID
SKI TRAIL LANE
STEAMBOAT SPRINGS, CO 80487



Job Number:	2201400
Date:	12/20/23
Drawn By:	CMK
Checked By:	AS

Project Phase
PLANNING SUBMITAL
Sheet Title
LIGHTING PLAN
Sheet Number
DP-LI



POLE KEY	OVERALL HEIGHT	A	ANCHOR BOLT DATA			D	E	F	G	H	I
			B	SIZE	C						
EAI	14'4"	4"	PER MANUFACTURER			0'-4"	6'0"	10'0"	18"	36"	

DP- L2	SCALE: NTS
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LIGHTING FIXTURE SCHEDULE																
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE				MAX WATTS	LUMEN OUTPUT	IESNA CUTOFF	DIMMING	FIXTURE FINISH	MOUNTING LOCATION	INFORMATION BOP/RPD/OFH	NOTES
					QTY	WATT	TYPE	CCT/CRI								
EA1	14'-0" L-SHAPED SQUARE POLE LED LIGHT TYPE III DISTRIBUTION	LUMINIS	BVA31-LIL40-TYP3	277V	1	33.7	LED	2700K	33.7	3484 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR POLE	14'-0" POLE HEIGHT	
EA2	14'-0" L-SHAPED SQUARE POLE LED LIGHT TYPE II DISTRIBUTION	LUMINIS	BVA31-LIL40-TYP2	277V	1	33.7	LED	2700K	33.7	3484 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR POLE	14'-0" POLE HEIGHT	
ED1	4" RECESSED LED DOWNLIGHT	DMF LIGHTING	M4-NC-R-S-DRD2M-15-4-2T-GA-O-M4T-R-BK	277V	1	15	LED	2700K	15	1500 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR RECESSED CANOPY	16'-0" AFF	
EW1	LED WALL MOUNTED SCONCE SYMMETRIC NARROW BEAM	WE-EF	VL5410-1B13-4524	277V	1	8.5	LED	2700K	8.5	649 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR WALL	7'-6" OFH	
EW2	LED WALL MOUNTED SCONCE WITH ASYMMETRIC FOREWARD THROW	WE-EF	VL5420-1B1-4332	277V	1	15	LED	2700K	15	1345 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR WALL	7'-6" OFH	
EW2EM	LED WALL MOUNTED SCONCE ASYMMETRIC FOREWARD THROW WITH INTEGRAL EM BATTERY	WE-EF	VL5420-1B1-4332	277V	1	15	LED	2700K	15	1345 LMS	FULL CUTOFF	NA	BLACK	EXTERIOR WALL	7'-6" OFH	

ABBREVIATIONS: BOF - BOTTOM OF FIXTURE, RFD - RECESSED FIXTURE DEPTH, OFH - OVERALL FIXTURE HEIGHT, AFF(AFG) - ABOVE FINISHED FLOOR (GRADE), RFD - HALL FIXTURE DEPTH
GENERAL NOTES:


- A. ALL LED LAMPS AND/OR FIXTURES SHALL BE 3000K COLOR TEMPERATURE AND A MINIMUM OF 82CRI, UON.
- B. ALL REFLECTOR LAMPS SHALL BE PROVIDED AS WIDE FLOOD DISTRIBUTION, UON.
- C. PROVIDE LUMINAIRES SHOWN AS SHADED WITH FACTORY INSTALLED 90 MINUTE EMERGENCY BATTERY OR OTHER REMOTE POWER SOURCE, UON. EMERGENCY LUMINAIRES SHALL SENSE UN-SWITCHED POWER TO THE SPACE AND OPERATE AUTOMATICALLY UPON LOSS OF NORMAL POWER. ALL EMERGENCY LUMINAIRES SHALL HAVE AN INTEGRAL TEST SWITCH AND VISIBLE INDICATOR LIGHT. DISCONNECT THE EMERGENCY BATTERY TO THE UN-SHARED LEG OF THE LIGHTING CIRCUIT INDICATED.
- D. LUMENS LISTED ARE DELIVERED LUMENS, NOT INITIAL.
- E. FOR ALL SPECIFIED LUMINAIRES, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MOUNTING HARDWARE, ACCESSORIES, COMPONENTS, LEADER/JUMPER CABLES, WIRE FEED, AND CONNECTORS, ETC. SHALL BE LEFT AS REQUIRED TO BE USED FOR THE INSTALLATION OF THE FUNCTIONAL SYSTEM.
- F. THE CONTRACTOR SHALL VERIFY THE CEILING TYPE BEFORE ORDERING LIGHT FIXTURES TO ENSURE COMPATIBILITY WITH SPECIFIED FIXTURES, NOTIFY SPECIFIER OF ANY DISCREPANCIES.
- G. ALL FINISH SELECTIONS SHALL BE VERIFIED BY ARCHITECT/INTERIOR DESIGNER/OWNER AS PART OF THE SUBMITTAL PROCESS, UNLESS OTHERWISE NOTED, EC SHALL ASSUME STANDARD LUMINAIRE FINISH OPTION FOR PRICING.
- H. EC SHALL VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ANY ROUGH-IN.
- I. TYPICAL FOR ALL LIGHT FIXTURES WITH DESIGNATION STARTING WITH 'M'; FIXTURES ARE SHOWN FOR REFERENCE ONLY. FIXTURE SELECTIONS AND SPECIFICATIONS SHALL BE PROVIDED BY THE ARCHITECT AND/OR INTERIOR DESIGNER. EC SHALL COORDINATE EXACT MOUNTING LOCATION, MOUNTING HEIGHT, WATTAGE, AND DIMMING PROTOCOL WITH ARCHITECT / INTERIOR DESIGNER, LIGHTING CONSULTANT, AND/OR ELECTRICAL ENGINEER PRIOR TO INSTALL.
- J. REMOVE DRIVERS/(TRANSFORMERS) SHALL BE LOCATED IN A CONCEALED, ACCESSIBLE, AND VENTILATED LOCATION AS PROPOSED BY THE EC AND APPROVED BY THE ARCHITECT. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR MINIMUM REQUIRED CLEARANCES FROM ADJACENT MATERIALS, AND WIRING REQUIREMENTS TO PREVENT VOLTAGE DROP. DO NOT EXCEED MANUFACTURER'S RECOMMENDATIONS REGARDING RISE GAUGE AND MAXIMUM HIRE RUN LENGTHS.
- K. ALL LUMINAIRES SPECIFIED WITH ONLY DIMMING OR DIMMING CAPABLE ADDITIONAL LOW VOLTAGE CONTROL WIRES IN ADDITION TO STANDARD WIRING FOR POWER.
- L. EXTERIOR LUMINAIRES SHALL BE COLD WEATHER RATED FOR 0 DEG. F (-18 DEG. C), AND RATED FOR OUTDOOR USE.

1.

DRD Series

Modular Downlighting System

4" Round



Project:	
Type:	
Product Code:	
Date:	

V120122

OPTICAL

Module

Fixed, Adjustable

Delivered Lumens (Power)

1250 lm (9.5W), 1000 lm (12.5W),
1500 lm (14.5W), 1500 lm (16.5W)


Color Quality


93+ CRI, 2-step SDCM


Color Temperature


- ☐ 2700K ☐ 3000K ☐ 3500K
- ☐ 4000K ☐ Warm Dim (3000 – 1800K)


Beam Spread



 Narrow Spot (15°)



 General (90°+)


 Spot (25°)


 Linear


 Flood (40°)


 Soft Focus


 Wide Flood (60°)

PHYSICAL

Aperture

4"

Application

New Construction, Remodel

Ceiling Thickness

1/2" up to 1 1/2" (New Construction)
 3/4" up to 1 1/4" (Remodel)

TRIMS

Aperture

Shape

Round, Square Conversion

Style

Beveled, Hyperbolic, Pinhole, Beveled
 Flangeless, Wall Wash, Decorative,
 Flangeless, Dead Front

Finish

White, Black, Bronze, Clear Diffused,
 Warm Diffused, Custom

Modular System Flexibility during and after installation with interchangeable modules, optics and trims

Quick Install Integrated driver and plug-and-play connection require no wiring

High Performance Precise lighting control without sacrificing stellar efficiency

Enhanced Dimming Smooth, flicker-free dimming down to 1%

ELECTRICAL & CONTROLS

Input Voltage






120/277V

1% Dimming


TRIAC/ELV, 0-10V, EcoSystem




RATINGS


Housing



-  IC (Insulation Contact) Rated
-  ASTM A283 Certified Air Tight
-  A Code compliant for use in fr-rated assemblies up to a maximum of 2-hours
-  S/IC/IRC Sound Rated
-  Chicago Plenum

Module and Trim

-  UL Listed for Wet Location
(Fixed Module with Flanged Trim only)








DMF LIGHTING 1116 E. 223rd St. Carson, CA 90745 323.834.7779 info@dmflighting.com dmflighting.com


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LUMINIS

BVG21/BVG31/BVG32 SERIES

Belvue
POLE MOUNT

TYPE	QUANTITY	PROJECT	CATALOG NUMBER							
MODEL	LED LIGHT SELECTION	POLE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION
	1	First core constructed of cast aluminum.								
	2	4.5" (114mm) x 4" (102mm) Extruded aluminum optical chamber.								
	3-4	Modular LED boards with total internal reflecting (TIR) optical surfaces.								
	5	Recessed baffles trim provides high-cut off.								
	6	Clear tempered glass.								
	7	Heavy gauge steel mounting base with leveling adjustment (3° total), head mounting height can be customized upon request (contact factory).								
	8	6" (152mm) x 6" (152mm) 6061-T6 aluminum pole.								
	9	0.25" Thick.								
	10	All stainless steel hardware.								

MATERIALS

Materials are made of 6063-T6 extruded aluminum alloy. Cast parts are made of aluminum-reinforced 356 aluminum alloy with a copper (Cu) content of less than 0.10%.

Circuitry designed and manufactured optical system comprised of a Total Internal Reflecting (TIR) optic used in conjunction with a primary light absorbing baffle that is set into an accessory recessed baffle trim. System provides high light output of 2000 lm for BVG21 and 3500 lm for BVG31 from head(s) or 25° FWHM angle.

The driver is mounted either in the pole section drive (single head Configuration) or in the pole top cap (P25, P26S, P3, P4) for ease of maintenance.

ELECTRICAL

Input voltage is 120-277V multi-volt compatibility (120-208V).

Output driving energy (lm) is 2000 lm for BVG21 and 3500 lm for BVG31. Operating temperatures of -40°C (-40°F) to 50°C (122°F) outside over voltage protection, auto low current protection, auto low voltage protection with auto recovery.

LED Driver is 2000K, 3000K, 3500K, 4000K or 4800 K @ 80 CRI. See the CCT options for details.

LED

LED Driver is 2000K, 3000K, 3500K, 4000K or 4800 K @ 80 CRI. See the CCT options for details.

LIFETIME

LM80 (LM-79 and LM-80 data).

FINISH

Pre-paint preparation process includes preheating of cast aluminum parts for an extrusion. Polyester powder coating is applied through an electrostatic process and oven cured for long term life.

CERTIFICATION

Certified and approved as per CSA C22.9 No. 250.0 compliance with UL1699 standard for wet location, listed E96.

Typical testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards.

MOUNTING

Maximum height: 8' 9" (8.8m)

Head is designed for ease of access and installation.

The head is secured on the pole by a set of 4 1/4" x 8" hex.

The cast aluminum base plate is secured with a set of 4 1/4" x 3" x 18" galvanized anchor bolts. Accessibility is done through a flush mount. 6" x 10" (152 x 254) head cover plate. See page 3 for pole top mounting details.

BVG21

BVG31

BVG32

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LUMINIS.COM


July 2015 (Rev. 6)

1

VLS410 LED

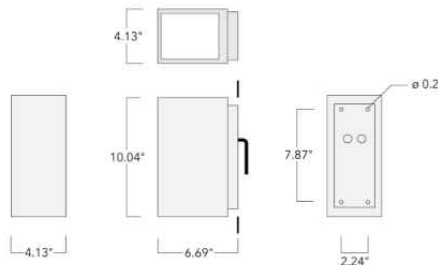
Surface Mounted Wall Luminaires

1/8



Description

PF8, Class 1, IK07, Marine-grade, die-cast aluminum alloy, SCE superior corrosion protection including PCS hardware. Silicone UG200 Corrosion-Resistant Compression Gasket. Safety glass lens. Two cold-emitters, C20-primed optics for superior illumination and glare control. Integral driver. (ULCB Die LED Concept) Factory-installed LED circuit board. 3-1/8" mounting screws standard with luminaires. Specify product with 7 Digit product code – Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-000A (Black) + XXX-XXXX (Accessory 1)



4.13"

10.04"

4.13"

4.69"

2.83"

2.24"

ø 0.24"

SEE SUPPORT MATERIAL
See Support Material: A117, 182, 085H, 410, 8, Register Drawings, Wirecables, PIA, 18006, USA, 1, 16, 4, 1, 124, 02020 | info.wall@weef.com | www.weef.com | 201 12 0202 16 14

Technical specification subject to change without notice

VLS420 LED

Surface Mounted Wall Luminaires

we-ef

1/7

View	Dimensions (inches)
Front View	Width: 5.91", Height: 10.24"
Side View	Depth: 8.27"
Rear View	Mounting hole diameter: 0.24", Mounting tab width: 0.24"

Description

PFB, Class I, NED. Marine grade, die cast aluminum alloy. SEE superior corrosion protection including PCS hardware. Silicons CGSB Carbolized Compressor Gasket. Safety glass lens. Two cable entries. CAD optimized optics for superior illumination and glare control. Integral driver. ALCSS One LED Concept. Factory-installed LED circuit board - 0-10V Dimming comes standard with luminaires. Specify product with 7 Digit product code – Finish Code. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-804 (Black) x XXX-XXXX (Accessory Y)

w.e.f. LIGHTING USA LLC
 Dept. Lighting Division • P.O. Box 18893 • 1520 Southside Drive | Bensalem, PA 19006 U.S.A. | Tel +1 724 752 1022 | info@wefusa.com | www.wefusa.com | 08/12/2022 14:12

Technical modifications and errors accepted

DP- L2	SCALE: NTS
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DP- L2	SCALE: NTS
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DP- L2	SCALE: NTS
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DP 12	SCALE: NTS
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Release of these plans contemplates further cooperation among the owner, his contractor and the architect. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect and every contingency cannot be anticipated. Any ambiguity or uncertainty discovered by the use of these plans shall be resolved by the architect. Failure to notify the architect compounds misunderstanding and increases construction costs. A failure to cooperate by a simple notice to the architect shall relieve the architect from responsibility for the consequences. Changes made from the plans without the architect's consent are unauthorized and shall relieve the architect of responsibility for all consequences arising out of such changes.

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No.	Description	Date
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THE ASTRID
SKI TRAIL LANE
STEAMBOAT SPRINGS, CO 80487



ERIC SMITH ASSOCIATES, P.C.
1919 SEVENTH STREET
BOULDER, COLORADO, 80302

Job Number:	220 140
Date:	127.20 23
Drawn By:	CMK
Checked By:	AS

Project Phase
PLANNING SUBMITAL

Sheet Title
LIGHTING PLAN

Sheet Number
22

DP-L2