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GENERAL NOTES

A. ALL EXTERIOR LIGHTING FIXTURES SHALL BE FULL CUT-OFF.

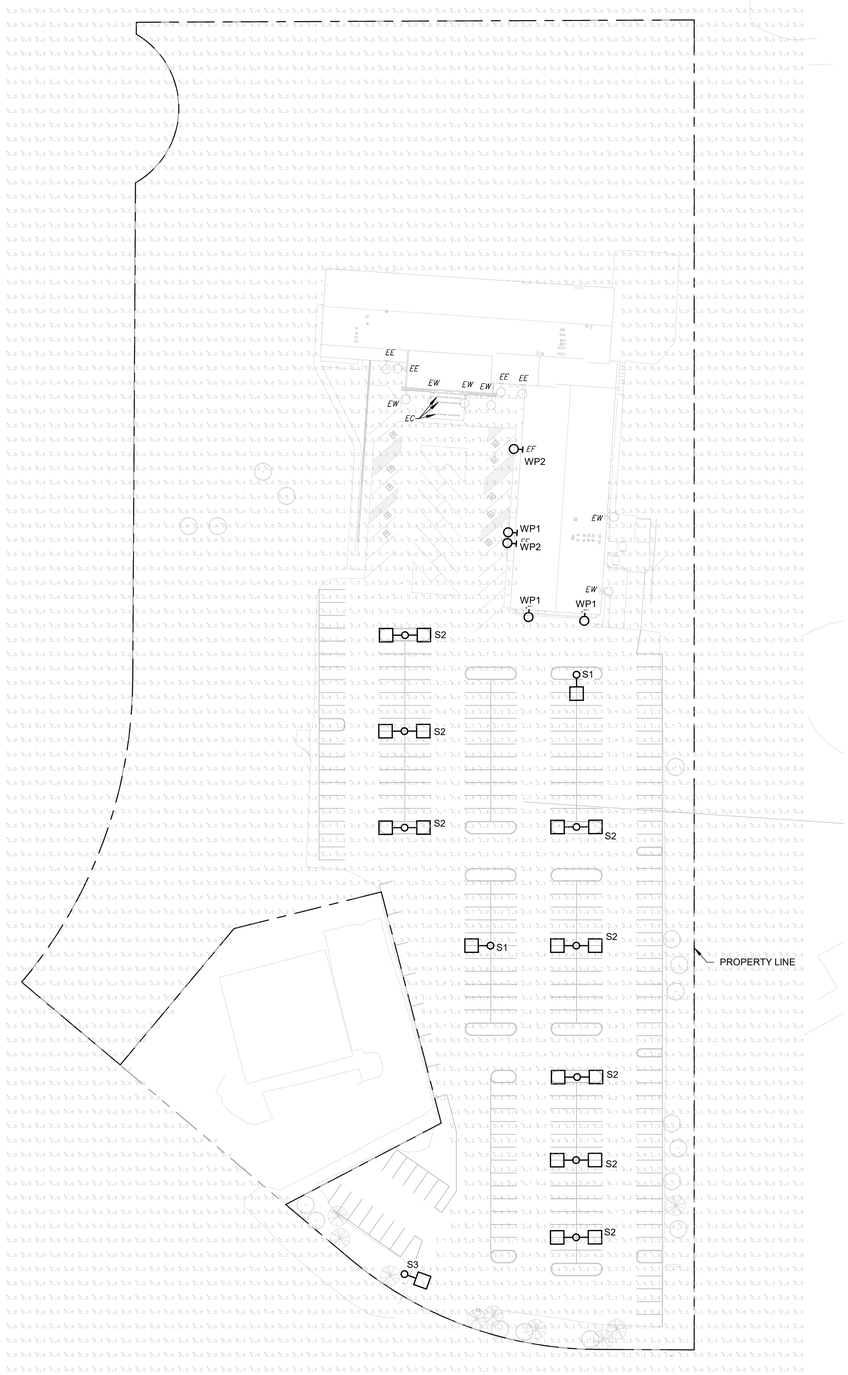
B. ALL EXTERIOR LIGHTING FIXTURES SHALL BE ON A TIMER TO BE TURNED OFF ONE HOUR AFTER BUSINESS HOURS AND TURNED ON ONE HOUR BEFORE BUSINESS HOURS.

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	LUMINAIRE SERIES	SOURCE (TYPE/COLOR TEMP/CRI)	VOLTAGE	LOAD (VA)	LUMEN OUTPUT	FINISH	MOUNTING	DESCRIPTION
EC	EXISTING	EXISTING	--	120 V	--	--	--	--	EXISTING CANOPY LUMINAIRE
EE	EXISTING	EXISTING	--	120 V	--	--	--	--	EXISTING EMERGENCY WALL PACK
EF	EXISTING	EXISTING	--	120 V	--	--	--	--	EXISTING METAL HALIDE FLOODLIGHT
EW	EXISTING	EXISTING	--	120 V	--	--	--	--	EXISTING WALL PACK
S1	BEACON	VIPER SERIES	LED / 4000K / 80CRI	120 V	175	15,022	DARK BRONZE	20'-0" AFG	SINGLE HEAD SITE LIGHT WITH BACKLIGHT CONTROL ON ROUND 17' POLE AND 3' CAISSON
S2	BEACON	VIPER SERIES	LED / 4000K / 80CRI	120 V	175	15,022	DARK BRONZE	20'-0" AFG	DOUBLE HEAD SITE LIGHT WITH BACKLIGHT CONTROL ON ROUND 17' POLE AND 3' CAISSON
S3	BEACON	VIPER SERIES	LED / 4000K / 80CRI	120 V	175	15,022	DARK BRONZE	20'-0" AFG	SINGLE HEAD SITE LIGHT WITH RIGHT CORNER CUTOFF BACKLIGHT CONTROL ON ROUND 17' POLE AND 3' CAISSON
WP1	BEACON	GEOPAK TRP2 SERIES	LED / 4000K / 80CRI	120 V	116	14,600	DARK BRONZE	SURFACE	TRAPEZOID WALL PACK WITH TYPE IV FORWARD THROW DISTIRBUTION.
WP2	BEACON	GEOPAK TRP1 SERIES	LED / 4000K / 80CRI	120 V	20	2470	DARK BRONZE	SURFACE	TRAPEZOID WALL PACK WITH TYPE III DISTIRBUTION.

STATISTICS

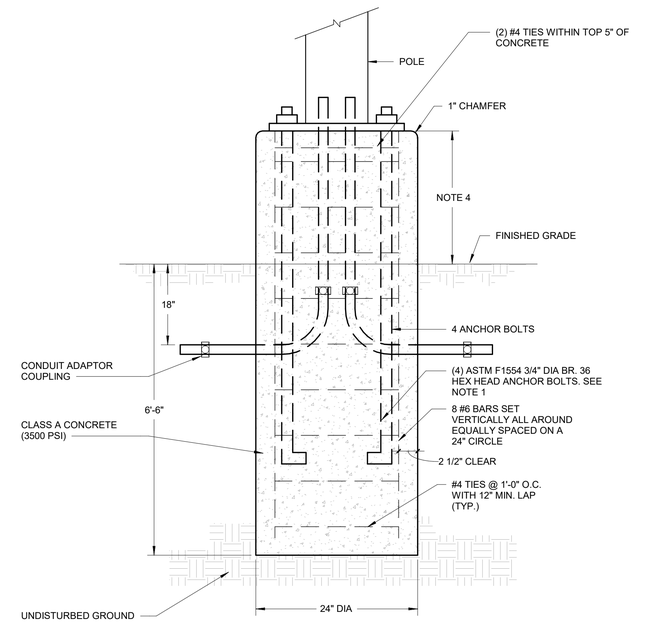
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
ENTRANCE PARKING LOT	+	1.81 FC	11.6 FC	0.1 FC	116.00 FC	18.1 FC
EXISTING CANOPY	+	14.33 FC	23.7 FC	6.4 FC	3.7 FC	2.24 FC
ADDITIONAL PARKING	+	2.43 FC	7.2 FC	0.1 FC	72.00 FC	24.3 FC



1 **ELECTRICAL NEW WORK SITE PLAN**

SCALE: 1" = 50'-0"

0 25 50 100 PLAN NORTH



NOTES:

1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CHECK AND VERIFY ALL ANCHOR BOLT DIMENSIONS (SIZE, BOLT CIRCLE, ETC.) WITH THE CONTRACTOR WHO WILL BE INSTALLING THE LIGHTING STANDARD PRIOR TO INSTALLATION OF THE FOUNDATIONS.
2. CHAMFER EXPOSED EDGES OF ALL FOUNDATIONS.
3. PROVIDE INSULATING GROUNDING BUSHING ON EXPOSED ENDS (IN BASE OF POLE) OF ALL GALVANIZED STEEL BENDS.
4. VARIES - 2'-0" AFG IN PARKING LOT AREAS AND IN AREAS SUBJECT TO VEHICULAR DAMAGE; 6" AFG IN ALL AREAS WHERE NOT SUBJECT TO VEHICULAR DAMAGE.

2 **LIGHTING POLE FOUNDATION DETAIL**

SCALE: NOT TO SCALE

KEYS+LAUER ARCHITECTS
11681 VOYAGER PKWY, #200
COLORADO SPRINGS, CO 80921
(719) 634 - 3751
www.KeysLauerArchitects.com

Farnsworth GROUP
5775 MARK DABLING BLVD., SUITE 150
COLORADO SPRINGS, COLORADO 80919
(719) 590-9194 / info@f-w.com
www.f-w.com
Engineers | Architects | Surveyors | Scientists

The Ascent Church Addition and Remodel

1750 Deer Creek Rd
Monument, CO 80132

REVISIONS:

#	DESCRIPTION	DATE

PROJECT #: 2505
ISSUE DATE: 6/15/2026
ISSUED FOR: SDP
DRAWN BY: GQR
CHECKED BY: AV

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SHEET TITLE:

PHOTOMETRIC SITE PLAN

SHEET #:

EP100

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TYPE 'S1', 'S2' & 'S3'

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VIPER Area/Site

VIPER LUMINAIRE

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

MICROSTRIKE | SILICONE STRIKE



FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Micro Strike Optics and Silicone Strike which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID® and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

IP65 IP66 IK10 | DLC LISTED | DLC LISTED PREMIUM | fda | BAA | TAA

CONTROL TECHNOLOGY

NX CONNECT | NX | NX | LIGHTGRID®

SERVICE PROGRAMS

QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion-resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 4
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 2
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protectors when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Confg.
	EPA				
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180°	0.908	1.110	1.310	1.396	
Two at 90°	0.583	0.711	0.857	0.948	
Three at 90°	1.037	1.266	1.512	1.646	
Three at 120°	0.943	1.155	1.392	1.680	
Four at 90°	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID® available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy American Solutions.

WARRANTY

- 5 year warranty

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TYPE 'S1', 'S2' & 'S3'

BEACON
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VIPER Area/Site

VIPER LUMINAIRE

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP	–			–			–		–		–		–		–	
Series		**Optic Platform**		**Size**		**Light Engine**		**CCT/CRI**		**Distribution**		**Optic Rotation**		**Voltage**		
VP Viper		SS Strike Silicone		1 Size 1		**40L-35** 3.5W, 5,500 Lumens		**22K7** 2200K, 70 CRI		**2** Type 2		**BLANK No Rotation**		**UNV** 120-277V		
						40L-50 5.0W, 7,500 Lumens		**27K7** 2700K, 70 CRI		**3** Type 3		L Optic rotation left		**120** 120V		
						40L-65 6.5W, 10,000 Lumens		**27K8** 2700K, 80 CRI		**4W** Type 4 Wide				**208** 208V		
						40L-80 8.0W, 12,500 Lumens		**3K7** 3000K, 70 CRI		**4F** Type 4 Forward		R Optic rotation right		**240** 240V		
						40L-100 10.0W, 15,000 Lumens		**3K8** 3000K, 80 CRI		**5QM** Type 5 Square Medium		S3 ONLY		**277** 277V		
						40L-120 12.0W, 17,500 Lumens		**35K8** 3500K, 80 CRI		**5QW** Type 5 Square Wide				**347** 347V		
						40L-160 14.0W, 20,000 Lumens		**4K7** 4000K, 70 CRI						**480** 480V		
						40L-195 19.0W, 21,000 Lumens		**4K8** 4000K, 80 CRI								
				2 Size 2		**80L-75** 7.5W, 12,000 Lumens		**5K7** 5000K, 70 CRI								
						80L-90 9.0W, 15,000 Lumens		**5K8** 5000K, 80 CRI								
						80L-105 10.5W, 17,500 Lumens										
						80L-130 13.0W, 21,000 Lumens										
						80L-155 15.5W, 24,000 Lumens										
						80L-175 17.5W, 27,000 Lumens										
				3 Size 3		**80L-205** 20.5W, 30,000 Lumens										
						80L-225 22.5W, 33,000 Lumens										
						80L-250 25.0W, 36,000 Lumens										
						80L-280 28.0W, 41,000 Lumens										
				4 Size 4		**120L-190** 19.0W, 30,000 Lumens										
						120L-205 20.5W, 33,000 Lumens										
						120L-230 23.0W, 36,000 Lumens										
						120L-265 26.5W, 40,000 Lumens										
						120L-295 29.5W, 44,000 Lumens										
						120L-320 32.0W, 48,000 Lumens										
						120L-355 35.5W, 52,000 Lumens										
						120L-380 38.0W, 55,000 Lumens										
						120L-420 42.0W, 60,000 Lumens										
						180L-275 27.5W, 44,000 Lumens										
						180L-295 29.5W, 48,000 Lumens										
						180L-335 33.5W, 52,000 Lumens										
						180L-360 36.0W, 55,000 Lumens										
						180L-395 39.5W, 60,000 Lumens										
						180L-435 43.5W, 65,000 Lumens										
						180L-470 47.0W, 70,000 Lumens										
						180L-510 51.0W, 75,000 Lumens										
						180L-550 55.0W, 80,000 Lumens										

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TYPE 'S1', 'S2' & 'S3'

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [7]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [7]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [7]
ADU	Decorative upsweat Arm (universal drill pattern)
AD_U	Decorative upsweat arm mount for round pole [7]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upsweat arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Options	
BC	Backlight Control (BTx)
MBC	Max Backlight Control (T3/4)
LCC	Left Corner Control
RCC	Right Corner Control
F	Fusing
E	Battery Backup [1,4,10,11]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Toolless Entry
TB	Terminal Block
CD	Customer Dimming
LS	Lumen Switch

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PR Occupancy Sensor with Automatic Dimming Protocell and Bluetooth Programming [4,6]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PR Occupancy Sensor with Automatic Dimming Protocell and Bluetooth Programming [4,6]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth® Programming, without Sensor [4,6]
WIR	LightGRID® In Fixture Module [4,5]
WIRSC	LightGRID® Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-16F	Bluetooth® Programmable, BTSMP-LMO PR Occupancy Sensor with Automatic Dimming Protocell and 360° Lens [9]
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PR Occupancy Sensor with Automatic Dimming® Protocell and 360° Lens [9]
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Protocell and Bluetooth® Programming
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCB with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCB with photocontrol [4]
Programmed Controls	
SCP_.F	Sensor Control Programmable, 8F or 40F [8]
ADD	AutoDim Timer Based Dimming [8]
ADT	AutoDim Time of Day Dimming [8]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating: -20C to 55C
3 – Replace "_" with "3" for 2.75"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select BR or 40ft.
12 – Please refer to page 8 for AutoDim ordering guide
13 - BTSO and BTS are only compatible at 50W or greater.

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TYPE 'WP1'

BEACON
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GEOPAK Series 2

SIZE 2 – TRP2/QSP2/RDI2

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

FEATURES

- Mid sized architectural wallpacks in three stylish shapes
- Capable of replacing up to 400w HID luminaires
- Type 2, 3, 4F and 4W distributions for a wide variety of applications
- Integral battery backup options
- Control capabilities offer additional energy savings options
- Zero uplight distributions



CSA US | BAA | CEC T20 COMPLIANT

SPECIFICATIONS

CONSTRUCTION

- Die-cast aluminum housing and door
- Seven powder coat standard finishes, plus custom color options
- Meets ASTM B117 with 1,000 hours of salt spray exposure

OPTICS

- LEDs deliver up to 15,000 lumens
- Up to 155 lumens per watt (LPW)
- Different lenses offer a variety of distribution patterns - Type 2, 3, 4F & 4W
- CCT: 3000K, 4000K, and 5000K
- CRI: 70 and 80

INSTALLATION

- Quick-mount adapter with gasket seal provides easy installation to wall or to recessed junction box (4" square junction box). Fixture attaches by two Allen-head hidden fasteners for tamper resistance
- Back box accessory available for surface conduit application

ELECTRICAL

- Optional Dual Drivers & Dual Power Feed
- 120-277, 347 and 480 voltage, 50/60Hz
- Power factor > 90%
- THD (Total Harmonic Distortion) <20%

ELECTRICAL (CONTINUED)

- Ambient operating temperature -40°C to 40°C
- Optional: 20kA surge protection device (series). Automatically takes fixture off-line when device is consumed
- Integral Battery Backup provides emergency lighting with 13W of power for the required 90 minutes for path of egress
- Independent dedicated driver and LED array for battery/emergency mode operation

CONTROLS

- Drivers are 0-10V dimming standard
- Universal button photocontrol for dusk to dawn energy savings
- Photocell and occupancy sensor options available for complete on/off and dimming control
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.

CERTIFICATIONS

- IP65 rated housing
- Zero uplight (U0), dark sky, neighbor friendly
- Drivers IP68 and RoHS compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy American Solutions.

WARRANTY

- 5 year limited warranty

KEY DATA	
Lumen Range	3,500-15,000
Wattage Range	24-126
Efficacy Range (LPW)	95-154
Weights lbs. (kg)	16-18 (7.3-8.2)

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TYPE 'WP1'

BEACON
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GEOPAK Series 2

SIZE 2 – TRP2/QSP2/RDI2

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

ORDERING GUIDE

Example: TRP2-36L-25-3K7-2-UNV-DBT

CATALOG #

ORDERING INFORMATION

Series		# LEDs - Wattage		CCT/CRI		Distribution		Voltage	
TRP2	Trapezoid	**36L-25**	4,200 Lumens (Strike)	**27K8**	2700K, 80 CRI	**2**	TYPE 2	**UNV**	120-277V
RDI2	Radius	**36L-39**	5,700 Lumens (Strike)	**3K7**	3000K, 70 CRI	**3**	TYPE 3	**120**	120V
QSP2	Quatersphere	**36L-55**	7,700 Lumens (Strike)	**3K8**	3000K, 80 CRI	**4W**	TYPE 4W	**208**	208V
		36L-85	10,900 Lumens (Strike)	**4K7**	4000K, 70 CRI	**4F**	TYPE 4 forward	**240**	240V
		36L-105	12,300 Lumens (Strike)	**4K8**	4000K, 80 CRI			**277**	277V
		36L-120	13,900 Lumens (Strike)	**5K7**	5000K, 70 CRI			**347**	347V
		150L-25	3,600 Lumens (Micro Strike)	**5K8**	5000K, 80 CRI			**480**	480V
		150L-35	5,500 Lumens (Micro Strike)						
		150L-50	7,700 Lumens (Micro Strike)						
		150L-75	9,700 Lumens (Micro Strike)						
		150L-100	12,000 Lumens (Micro Strike)						
		150L-115	14,000 Lumens (Micro Strike)						

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Control Options	
PC	Button Photocontrol
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth® Programming without sensor
NXWS	NX Networked Wireless Enabled Integral NXSMP2-OMNI PR Occupancy Sensor with Automatic Dimming Protocell and Bluetooth® Programming
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Protocell and 360° Lens
CD	Customer Dimming
Mount Height	
-12F	Up to 12ft mount height

Options	
SF [1]	Single fuse & fuse holder
DF [1]	Double fuse & fuse holder
E [2,3,4]	Battery pack (0°C)
EH [2,3,4]	Battery pack (-20°C) with heater
2DR [1]	Dual Drivers
2PF [2,5]	Dual power feeds
SP	Surge Protector

Notes
1 Must specify voltage
2 Battery option not compatible with 2 power feeds
3 E and EH options available for 16OL-25, 16OL-35, 16OL-50, 36L-25, 36L-39, and 36L-55
4 E and EH available for UNV, 120, 208, 240, 277V
5 Option only available with 36L-85, 36L-105, 36L-120, 16OL-75, 16OL-100, and 16OL-115.

ACCESSORIES (ORDERED SEPARATELY)

	Catalog Number	Description
☐	**WP-BB-DBT**	Backbox with four 1/2" threaded conduit holes painted Dark Bronze Texture

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11681 VOYAGER PKWY, #200
COLORADO SPRINGS, CO 80921
(719) 634 - 3751
www.KeysLauerArchitects.com

Farnsworth GROUP
5775 MARK DABLING BLVD., SUITE 150
COLORADO SPRINGS, COLORADO 80919
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The Ascent Church Addition and Remodel

1750 Deer Creek Rd
Monument, CO 80132

REVISIONS:		
#	DESCRIPTION	DATE

PROJECT #: 2505

ISSUE DATE: 6/15/2026

ISSUED FOR: SDP

DRAWN BY: GQR

CHECKED BY: AV

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SHEET TITLE:

PHOTOMETRIC CUT SHEETS

SHEET #:

EP101

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TYPE - 'WP2'

BEACON
Design. Performance. Technology.

GEOPAK SERIES 1

SIZE 1 - TRP1/QSP1/RD1

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

GEOPAK



FEATURES

- GeoPak Series consists of three compact Geometric wall-pack shapes in four popular finishes
- 24 mid-power LEDs create 3115 lumens in AC and 1628 lumens in emergency mode
- Environmentally friendly, long-life Lithium Iron Phosphate battery
- Standard Battery Temperature Range: 0°C to 40°C, Optional Heater: -30°C to 40°C
- Zero uplight distributions

c SP us

SPECIFICATIONS

CONSTRUCTION

- Housing is made from die-cast aluminum with a hinged back-plate for ease of installation and maintenance
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating.
- Wet Location Listed to UL924 and UL1598 Standard

OPTICS

- 24 mid power LEDs delivering up to 3,000 lumens
- Up to 118 lumens per watt
- Type III and IV distributions for a wide variety of applications
- Zero uplight (UO), dark sky, neighbor friendly

INSTALLATION

- Universal plate for mounting to standard 3 1/2" and 4" square electrical boxes. All connections are made from connections at the rear of the unit
- Optional back-box accessory available for surface conduit application.

ELECTRICAL

- 120-277 and 347-480V operation, 50/60Hz
- 0-10V dimming driver standard. Dimming leads are extended from the product.
- 10kA surge protector
- Photocell and occupancy sensor options available for complete on/off and dimming control
- Intergral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Includes a long-life Lithium Iron Phosphate battery with optional battery heater for cold temperature application
- Ambient operating temperature -40°C to 40°C
- Button photocontrol is suitable for 120-277V operation
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.

CERTIFICATIONS

- Drivers IP66 and RoHS compliant
- Listed to UL1598 and CSAC22.2#250.0-24 for wet location

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1720-2896
Wattage Range	15-25
Efficacy Range (LPW)	107-131
Weights lbs. (kg)	10.5—11.5 (4.8–5.2)

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TYPE - 'WP2'

BEACON
Design. Performance. Technology.

GEOPAK SERIES 1

SIZE 1 - TRP1/QSP1/RD1

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

ORDERING GUIDE

CATALOG # _____ **Example:** TRP1-24L-25-4K7-3-UNV-DBT

ORDERING INFORMATION

Series		# LEDs		Wattage		CCT/CRI		Distribution		Voltage	
TRP1	Trapezoid	**24L**	24 LEDs	**15**	15 watts	**3K7**	3000K, 70 CRI	**2**	TYPE II	**UNV**	120-277V
RD1	Radius			**20**	20 watts	**4K7**	4000K, 70 CRI	**3**	TYPE III	**120**	120V
QSP1	Qtr-sphere			**25**	25 watts	**5K7**	5000K, 70 CRI	**4W**	TYPE IV Wide	**208**	208V
						3K8	3000K, 80 CRI	**4F**	TYPE IV Forward	**240**	240V
						4K8	4000K, 80 CRI			**277**	277V
						5K8	5000K, 80 CRI			**347**	347V
										480	480V

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Control Options Network	
PC	Button Photocontrol
SCP[2,3]	Programmable occupancy sensor, factory default is 10% light output
Spec SCP/SCO & SWPM Mount Height	
-81	Up to 81 mount height
-20F	Up to 20ft mount height

Options	
F[4]	Fusing (only available with STD fixture configuration, 120-277V only)
E[5]	Battery pack (0°C)
EH[5]	Battery pack (-30°C) with heater

Notes:
1 Voltage specific (120 or 277V only)
2 Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only
3 PCO option not applicable, included in sensor
4 Must specify input voltage (120, 208, 240 or 277).
5 PCO and EH cannot be combined in the QSP1 because of space constraints

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
☐ **SCP-REMOTE***	Remote control for SCP option. Order at least one per
☐ **WP-BB-XXX**	Accessory for conduit entry, replace "xxx" with color option

Notes:
* Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings.

WB-BB Wallback Back Box

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KEYS+LAUER ARCHITECTS
11681 VOYAGER PKWY, #200
COLORADO SPRINGS, CO 80921
(719) 634 - 3751
www.KeysLauerArchitects.com

Farnsworth GROUP
5775 MARK DABLING BLVD., SUITE 150
COLORADO SPRINGS, COLORADO 80919
(719) 590-9194 / info@f-w.com
www.f-w.com
Engineers | Architects | Surveyors | Scientists

The Ascent Church Addition and Remodel

1750 Deer Creek Rd
Monument, CO 80132

REVISIONS:

#	DESCRIPTION	DATE

PROJECT #: 2505
ISSUE DATE: 6/15/2026
ISSUED FOR: SDP
DRAWN BY: GQR
CHECKED BY: AV

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SHEET TITLE:
PHOTOMETRIC CUT SHEETS

SHEET #:
EP102

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