

D

C

B

A

COORDINATE LIST		
POINT	NORTHING	EASTING
5000	1,259,486.4544	3,123,961.6728
5001	1,259,473.7903	3,123,985.3296
5002	1,259,486.1330	3,123,991.9370
5003	1,259,498.7971	3,123,968.2801
5004	1,259,513.6681	3,124,007.2444
5005	1,259,526.5682	3,123,983.1468
5006	1,259,531.7677	3,123,999.9196
5007	1,259,527.5201	3,124,007.8542
5008	1,259,558.2163	3,124,014.0783
5009	1,259,553.9687	3,124,022.0129
5010	1,259,558.2032	3,124,022.5783
5011	1,259,511.0016	3,124,038.7109
5012	1,259,506.7540	3,124,046.6455
5013	1,259,537.4503	3,124,052.8696
5014	1,259,533.2026	3,124,060.8042
5015	1,259,537.4371	3,124,061.3696
5016	1,259,473.2451	3,124,109.2407
5017	1,259,468.9975	3,124,117.1753
5018	1,259,499.6937	3,124,123.3994
5019	1,259,495.4461	3,124,131.3340
5020	1,259,500.4380	3,124,131.4623
5021	1,259,595.8343	3,124,084.1242
5022	1,259,567.4254	3,124,068.9161
5023	1,259,563.1778	3,124,076.8507
5024	1,259,575.0797	3,124,083.2222
5025	1,259,541.5708	3,124,145.8173
5026	1,259,529.6689	3,124,139.4459
5027	1,259,523.5778	3,124,141.2894
5028	1,259,499.0318	3,124,158.6275
5029	1,259,493.1379	3,124,157.7937
5030	1,259,488.5403	3,124,160.1255
5031	1,259,481.7666	3,124,172.7789
5032	1,259,584.4203	3,124,104.7936
5033	1,259,581.6663	3,124,110.1249
5034	1,259,580.4993	3,124,109.5002
5035	1,259,577.9688	3,124,110.0458
5036	1,259,581.8343	3,124,103.4092
5037	1,259,574.2428	3,124,105.0459
5038	1,259,542.5494	3,124,146.3412
5039	1,259,538.0254	3,124,143.9194
5040	1,259,539.5233	3,124,160.1389
5041	1,259,541.1099	3,124,161.3566
5042	1,259,525.3391	3,124,174.3068
5043	1,259,526.5550	3,124,175.8948
5044	1,259,539.4046	3,124,183.4756
5045	1,259,540.7142	3,124,184.9871
5046	1,259,521.2717	3,124,195.7575
5047	1,259,522.1890	3,124,197.5338
5048	1,259,301.5884	3,123,886.7759
5049	1,259,472.5043	3,124,189.8090

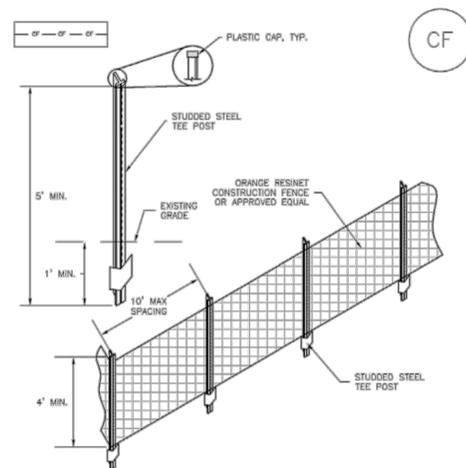
COORDINATE LIST		
POINT	NORTHING	EASTING
5050	1,259,473.1920	3,124,181.8385
5051	1,259,473.0201	3,124,183.8306
5052	1,259,452.4904	3,124,176.8088
5053	1,259,451.7218	3,124,178.6553
5054	1,259,466.4627	3,124,205.2410
5055	1,259,466.1963	3,124,207.2175
5056	1,259,488.1437	3,124,207.6089
5057	1,259,487.9253	3,124,205.6209
5058	1,259,442.6874	3,124,176.9336
5059	1,259,435.4072	3,124,166.5612
5060	1,259,434.1378	3,124,168.1066
5061	1,259,427.0246	3,124,158.4060
5062	1,259,425.5032	3,124,159.7042
5063	1,259,413.4406	3,124,138.8303
5064	1,259,413.8201	3,124,135.2234
5065	1,259,413.0571	3,124,132.7844
5066	1,259,411.2646	3,124,133.3086
5067	1,259,410.7549	3,124,121.4127
5068	1,259,408.7681	3,124,121.6421
5069	1,259,402.8555	3,124,114.3307
5070	1,259,445.6177	3,124,153.4332
5071	1,259,452.4396	3,124,140.6897
5072	1,259,451.4699	3,124,135.2097
5073	1,259,446.5963	3,124,129.6024
5074	1,259,442.0181	3,124,108.3855
5075	1,259,428.6609	3,124,087.6421
5076	1,259,444.3395	3,124,100.8392
5077	1,259,442.3779	3,124,094.9852
5078	1,259,425.0541	3,124,080.6070
5079	1,259,442.0446	3,124,048.8687
5080	1,259,430.7847	3,124,083.6748
5081	1,259,434.0884	3,124,077.5034
5082	1,259,444.4714	3,124,058.1077
5083	1,259,447.7751	3,124,051.9364
5084	1,259,457.8235	3,124,020.4528
5085	1,259,463.1137	3,124,023.2837
5086	1,259,476.7788	3,124,030.5990
5087	1,259,481.0265	3,124,022.6644
5088	1,259,455.9984	3,124,009.2662
5089	1,259,454.3465	3,124,008.8519
5090	1,259,446.5576	3,124,008.8519
5091	1,259,442.0577	3,124,013.3250
5092	1,259,441.9769	3,124,026.8545
5093	1,259,400.9776	3,124,026.6096
5094	1,259,401.0533	3,124,013.9426
5095	1,259,398.2462	3,124,013.1978
5096	1,259,451.3441	3,123,965.4094
5097	1,259,442.3443	3,123,965.3556
5098	1,259,451.5234	3,123,935.4099
5099	1,259,442.5235	3,123,935.3562

COORDINATE LIST		
POINT	NORTHING	EASTING
5100	1,259,516.0152	3,123,957.2956
5101	1,259,516.3199	3,123,906.2965
5102	1,259,497.1988	3,123,906.1823
5103	1,259,492.7258	3,123,901.6555
5104	1,259,492.8064	3,123,888.1557
5105	1,259,381.8054	3,123,887.4925
5106	1,259,381.7276	3,123,900.9923
5107	1,259,377.2018	3,123,905.4663
5108	1,259,363.1886	3,123,905.3816
5109	1,259,358.7155	3,123,900.8662
5110	1,259,358.7745	3,123,884.0470
5111	1,259,304.7704	3,123,883.7243
5112	1,259,356.2166	3,123,900.5320
5113	1,259,304.1793	3,123,900.2209
5114	1,259,303.6968	3,123,883.8235
5115	1,259,264.3981	3,123,891.3967
5116	1,259,263.5197	3,123,891.4779
5117	1,259,181.2845	3,123,890.9866
5118	1,259,165.6921	3,123,906.4047
5119	1,259,165.0319	3,124,016.9028
5120	1,259,177.8817	3,124,016.9685
5121	1,259,182.3548	3,124,021.4953
5122	1,259,391.3452	3,123,965.0509
5123	1,259,382.3454	3,123,964.9971
5124	1,259,391.5244	3,123,935.0514
5125	1,259,382.5246	3,123,934.9977
5126	1,259,357.3775	3,123,959.5400
5127	1,259,357.5568	3,123,929.5405
5128	1,259,348.5570	3,123,929.4867
5129	1,259,348.3776	3,123,959.4862
5130	1,259,217.5593	3,123,928.7037
5131	1,259,208.5594	3,123,928.6499
5132	1,259,217.3800	3,123,958.7031
5133	1,259,208.3802	3,123,958.6494
5134	1,259,288.9196	3,124,031.9402
5135	1,259,220.1871	3,124,027.5296
5136	1,259,211.6559	3,124,027.4784
5137	1,259,202.0995	3,124,036.8901
5138	1,259,202.0910	3,124,037.8040
5139	1,259,206.5491	3,124,042.3456
5140	1,259,220.0485	3,124,042.4709
5141	1,259,226.1500	3,124,031.5651
5142	1,259,226.5482	3,124,042.5312
5143	1,259,226.0379	3,124,097.5272
5144	1,259,219.9418	3,124,053.9704
5145	1,259,219.8954	3,124,058.9655
5146	1,259,219.6913	3,124,080.9692
5147	1,259,219.6449	3,124,085.9690
5148	1,259,219.5382	3,124,097.4685
5149	1,259,236.5672	3,124,097.5901

COORDINATE LIST		
POINT	NORTHING	EASTING
5150	1,259,236.5957	3,124,092.8073
5151	1,259,246.2214	3,124,099.8530
5152	1,259,241.8048	3,124,099.8266
5153	1,259,241.8048	3,124,107.9941
5154	1,259,219.4758	3,124,107.9037
5155	1,259,215.7625	3,124,115.9790
5156	1,259,206.0388	3,124,097.3432
5157	1,259,201.4972	3,124,101.8008
5158	1,259,208.6208	3,124,107.8388
5159	1,259,208.6208	3,124,115.9947
5160	1,259,210.7911	3,124,115.9790
5161	1,259,201.4415	3,124,107.8011
5162	1,259,201.3655	3,124,115.9947
5163	1,259,201.3098	3,124,121.9946
5164	1,259,182.3327	3,124,025.1970
5165	1,259,182.0032	3,124,027.6209
5166	1,259,178.0390	3,124,042.2757
5167	1,259,173.6534	3,124,045.6005
5168	1,259,157.0182	3,124,045.4461
5169	1,259,155.9883	3,124,156.4413
5170	1,259,171.4876	3,124,156.5852
5171	1,259,175.9458	3,124,161.0850
5172	1,259,175.2643	3,124,170.5707
5173	1,259,165.6108	3,124,211.1286
5174	1,259,164.9379	3,124,219.7668
5175	1,259,200.9446	3,124,161.3587
5176	1,259,200.0332	3,124,173.9622
5177	1,259,190.8692	3,124,241.3816
5178	1,259,189.9668	3,124,253.8595
5179	1,259,165.5587	3,124,255.9404
5180	1,259,181.5241	3,124,256.2259
5181	1,259,180.8381	3,124,273.1474
5182	1,259,187.2862	3,124,273.3116
5183	1,259,189.2400	3,124,332.1746
5184	1,259,188.4530	3,124,376.1340
5185	1,259,189.2145	3,124,396.1294
5186	1,259,196.4966	3,124,376.0799
5187	1,259,201.0734	3,124,373.0149
5188	1,259,196.6312	3,124,396.0795
5189	1,259,219.5152	3,124,380.7545
5190	1,259,239.0325	3,124,334.2487
5191	1,259,222.4530	3,124,322.0716
5192	1,259,210.2024	3,124,214.4748
5193	1,259,221.2137	3,124,214.5369
5194	1,259,228.7022	3,124,216.5887
5195	1,259,233.4391	3,124,213.5669
5196	1,259,240.8335	3,124,215.6179
5197	1,259,240.7718	3,124,220.6175
5198	1,259,281.2800	3,124,216.1000
5199	1,259,281.2800	3,124,221.1045

COORDINATE LIST		
POINT	NORTHING	EASTING
5200	1,259,215.2668	3,124,208.5032
5201	1,259,367.0447	3,124,209.5767
5202	1,259,380.6235	3,124,217.5101
5203	1,259,377.0031	3,124,223.6952
5204	1,259,419.5798	3,124,248.6170
5205	1,259,454.3163	3,124,189.2737
5206	1,259,463.7599	3,124,191.4531
5207	1,259,464.0016	3,124,190.0044
5208	1,259,399.4437	3,124,117.7856
5209	1,259,394.1465	3,124,104.1118
5210	1,259,404.8649	3,124,104.2175
5211	1,259,404.9776	3,124,032.6335
5212	1,259,386.7916	3,124,032.5249
5213	1,259,344.9603	3,124,032.2750
5214	1,259,345.2823	3,124,006.2764
5215	1,259,288.9499	3,124,005.9399
5216	1,259,289.9168	3,124,025.4460
5217	1,259,246.7954	3,124,031.6885
5218	1,259,246.5966	3,124,092.8551
5219	1,259,609.6893	3,124,063.1844
5220	1,259,579.2243	3,124,046.8756
5221	1,259,583.4719	3,124,038.9410
5222	1,259,246.172	

SM-3 Construction Fence (CF)



CF-1. PLASTIC MESH CONSTRUCTION FENCE

- CONSTRUCTION FENCE INSTALLATION NOTES
1. SEE PLAN VIEW FOR: -LOCATION OF CONSTRUCTION FENCE.
2. CONSTRUCTION FENCE SHOWN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

CF-2 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Construction Fence (CF) SM-3

- CONSTRUCTION FENCE MAINTENANCE NOTES
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CF-3

Good Housekeeping Practices (GH) MM-3

Description

Implement construction site good housekeeping practices to prevent pollution associated with solid, liquid and hazardous construction-related materials and wastes.

- Provide for waste management.
Establish proper building material staging areas.
Designate paint and concrete washout areas.



Photographs GH-1 and GH-2. Proper materials storage and secondary containment for fuel tanks are important good housekeeping practices.

Acknowledgement: This Fact Sheet is based directly on EPA guidance provided in Developing Your Stormwater Pollution Prevention Plan (EPA 2007).

Appropriate Uses

Good housekeeping practices are necessary at all construction sites.

Design and Installation

The following principles and actions should be addressed in SWMPs:

- Provide for Waste Management. Implement management procedures and practices to prevent or reduce the exposure and transport of pollutants in stormwater from solid, liquid and sanitary wastes that will be generated at the site.

Solid or Construction Waste

- Designate trash and bulk waste-collection areas on-site.

Table with 2 columns: Functions, Good Housekeeping. Rows include Erosion Control, Sediment Control, Site/Material Management.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 GH-1

MM-3 Good Housekeeping Practices (GH)

Spill Prevention, Control, and Countermeasure (SPCC) Plan

Construction sites may be subject to 40 CFR Part 112 regulations that require the preparation and implementation of a SPCC Plan to prevent oil spills from aboveground and underground storage tanks.

- Has a total storage capacity greater than 1,320 gallons or a completely buried storage capacity greater than 42,000 gallons.
Could reasonably be expected to discharge oil in quantities that may be harmful to navigable waters of the United States and adjoining shorelines.

Furthermore, if the facility is subject to 40 CFR Part 112, the SWMP should reference the SPCC Plan. To find out more about SPCC Plans, see EPA's website on SPCC at www.epa.gov/oilspill/spcc.htm.

Reporting Oil Spills

In the event of an oil spill, contact the National Response Center toll free at 1-800-424- 8802 for assistance, or for more details, visit their website: www.nrc.uscg.mil.

Maintenance and Removal

Effective implementation of good housekeeping practices is dependent on clear designation of personnel responsible for supervising and implementing good housekeeping programs, such as site cleanup and disposal of trash and debris, hazardous material management and disposal, vehicle and equipment maintenance, and other practices.

Checklists may be helpful in good housekeeping efforts. Staging and storage areas require permanent stabilization when the areas are no longer being used for construction-related activities.

Construction-related materials, debris and waste must be removed from the construction site once construction is complete.

Design Details

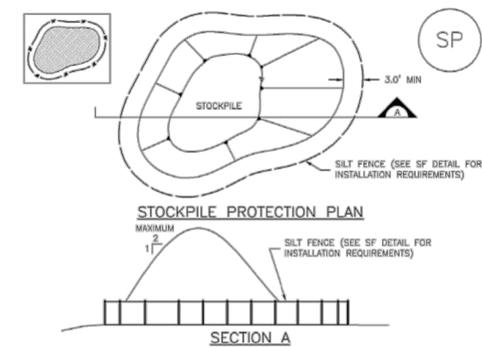
See the following Fact Sheets for related Design Details:

- MM-1 Concrete Washout Area
MM-2 Stockpile Management
SM-4 Vehicle Tracking Control

Design details are not necessary for other good housekeeping practices; however, be sure to designate where specific practices will occur on the appropriate construction drawings.

GH-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Stockpile Management (SP) MM-2

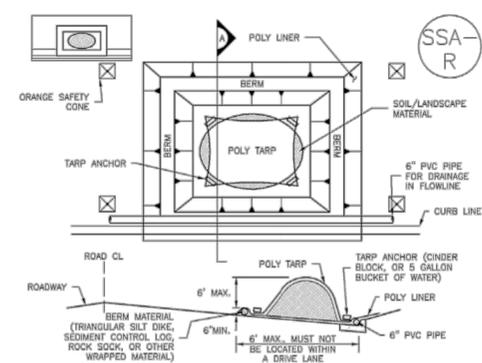


SP-1. STOCKPILE PROTECTION

- STOCKPILE PROTECTION INSTALLATION NOTES
1. SEE PLAN VIEW FOR: -LOCATION OF STOCKPILES. -TYPE OF STOCKPILE PROTECTION.
2. INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SP-3

Stockpile Management (SP) MM-2



SP-2. MATERIALS STAGING IN ROADWAY

- MATERIALS STAGING IN ROADWAYS INSTALLATION NOTES
1. SEE PLAN VIEW FOR: -LOCATION OF MATERIAL STAGING AREA(S). -CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SP-5

MM-2 Stockpile Management (SM)

- STOCKPILE PROTECTION MAINTENANCE NOTES
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE.

SP-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

MM-2 Stockpile Management (SM)

- MATERIALS STAGING IN ROADWAY MAINTENANCE NOTES
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE.

SP-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010



PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 351 LINDEN ST, STE 100 FORT COLLINS, CO 80524 970-232-9558 www.pec1.com

Table with columns: DATE, DESCRIPTION, MARKS, APPS.

Table with columns: DESIGN BY, ISSUE DATE, DDC PROJECT NUMBER, CONSULTANT'S PROJECT #, DRAWN BY, SOLICITATION NO., SEAT BY, CONTRACT NO., PLOT DATE, FILE NUMBER, PLOT SCALE, FILE NAME, SIZE.

CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

TOWN OF ERIE ERIE PD - ADDITION & RENOVATION 1000 TELLEEN AVENUE, ERIE, COLORADO 80516 EROSION CONTROL DETAILS

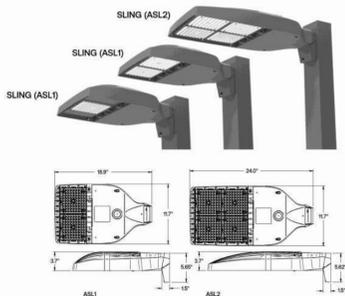
SHEET IDENTIFICATION C-312

EA,EB,EC



SLING Micro Strike AREA/SITE/ROAD LIGHTER

DATE: LOCATION: TYPE: EA & EB PROJECT: ERIE PD CATALOG #: MOUNTING HEIGHT 20 FEET



FEATURES

- Compact sleek design with multiple LED configurations and simple installation
The SLING includes a square mounting block for easy pole installation or mast arm option for 2-3/8" OD roadway brackets
Capable of replacing up to 1000w HID luminaires
Micro Strike optical distributions of Type 2, 3, 4F, 4W or 5QW
Tool-less entry option for easy installation and maintenance
3G rated for high vibration applications including bridges and overpasses



CONTROL TECHNOLOGY



SERVICE PROGRAMS



Table with 3 columns: Weight lbs. (kg), EPA

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface housing with powder coat paint finish
Corrosion resistant, die-cast aluminum housing with powder coat paint finish
Separate optical and electrical compartment for improved thermal management and optimum component operation
TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
Premium engineered individual acrylic lenses deliver E3 Type 2, 3, 4F, 4W and 5QW distributions
Lens distributions are field rotatable (in 90° increments) or interchangeable for job site fine-tuning
3000K, 4000K or 5000K (70 CRI) CCT
80, 160 or 320 midpower LEDs
3000K, 4000K or 5000K (70 CRI) CCT
Zero uplight at 0 degrees of tilt
Field rotatable optics

INSTALLATION

- Tool-less entry to wiring/driver compartment optional
Arm mounting works with S2 drill pattern
Fixture ships with square mounting block for ease of installation
Mast arm fitter accessory or option available for 2-3/8" OD brackets with vertical tilt of +3°, 0° or -3°

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
Standard 6kV surge protection with optional field replaceable surge protection device provides 20kA and 10kV protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3. Automatically takes fixture off-line for protection when device is consumed

CONTROLS

- Photo control, occupancy sensor and Zigbee wireless available for complete on/off and dimming control
7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6
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

- Listed to UL 5388 and CSA C22.2#2500-24 for wet locations and 40° C ambient temperatures
DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations on this page are DLC Qualified. Refer to http://www.designlights.org/ for the most up-to-date list.
3G rated for ANSI C136.31 high vibration applications
IP65 optical assembly
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(s) Solutions (link to https://www.currentlighting.com/resources/america-solutions)

WARRANTY

- 5 Year warranty



currentlighting.com/exo

Page 1 of 12

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

EXO_EXO_SLING MicroStrike V2_00



SLING Micro Strike AREA/SITE/ROAD LIGHTER

DATE: LOCATION: TYPE: EA & EB PROJECT: ERIE PD CATALOG #: Example: ASL1-80L-50-3K7-2-UNV-ASQU-BLT-7PRMD-40F

ORDERING GUIDE

CATALOG # Example: ASL1-80L-50-3K7-2-UNV-ASQU-BLT-7PRMD-40F

ORDERING INFORMATION

Table with columns: Series, # LEDs, CCT/CRI, Distribution, Voltage, Mounting

Network Control Options

- NKWS16F NK Networked Wireless Enabled Integral NKSMP2-LMO PR Occupancy Sensor with Automatic Dimming Protocol and Bluetooth Programming**
NKWS40F NK Networked Wireless Enabled Integral NKSMP2-HMD PR Occupancy Sensor with Automatic Dimming Protocol and Bluetooth Programming**

Wireless Alone Sensors

- 7PR 7 Pin Receptacle
7PR-SC 7 Pin Receptacle with shoring cap
7PR-MD8F 7 Pin Receptacle with low voltage sensor at 8' mounting for external control accessory
7PR-MD40F 7 Pin Receptacle with low voltage sensor at 40' mounting for external control accessory
7PR-TL 7 Pin Receptacle with Photocontrol

Sensors

- BTS,F Bluetooth Programmable, PR Occupancy/Daylight Sensor, 360° lens**
BTSO,F Bluetooth Programmable, PR Occupancy/Daylight Sensor, 360° lens, up to 12' mounting height**

Notes

- 1. Must specify Voltage
2. Replace "1" with "14" for up to 14' mounting height, "40F" for 40-40' mounting height
3. Replace "1" with "12" for up to 12' mounting height
4. Available at 50W or higher only

Options

- F Flaring
BC Backlight Control
SP 20kA & 10kV Surge Protector

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 Gray Gloss Smooth
LGT Light Gray Matte Textured
PSS Platinum Silver Smooth
WHT White Matte Textured
WHS White Gloss Smooth
VGT Verde Green Textured

Color Option

- CC Custom Color



currentlighting.com/exo

Page 2 of 12

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

EXO_EXO_SLING MicroStrike V2_00

L2

PROJECT Job Name: ERIE PD Location: CATALOG Number: HELOS™ Luminaire for Parking Garages HPG14 SERIES

PRODUCT FEATURES: Unique hexagonal light guide with edge lit LED light engine provides three distribution options - Type V, Rectangular and Drive Lane



SPECIFICATIONS

- HOUSING: Die-cast aluminum and UV-stabilized polycarbonate construction. Standard TGIC polyester powder coat finish on aluminum components with five-step pre-treatment to withstand 1,000 hour salt spray test per ASTM B117. See Ordering Information for available finishes. Closed-cell gasketing seals all housing component interfaces.
MOUNTING: Direct-to-Surface (DTS) mounts over recessed electrical box to ceiling. Quick-Mount (QM) mounts to either surface or recessed electrical box, Trunion Mount (TK) or pendant-mounted (PM) via 1/2" rigid sealed conduit. See Ordering Information for selection. Fixture weight is 7 lbs.
OPTICAL: Type V-Wide (SW), Rectangular Wide (RW) and Drive Lane (DL) optical distribution options. Light guide outer lens constructed of clear UV-stabilized polycarbonate.
ELECTRICAL: Edge-lit mid-power LED light source. See Ordering Information for color temperature options, 80 CRI minimum, 120-277 VAC, 347VAC and 480VAC, 50/60Hz input; constant-current dimming driver; >20% THD, >90 PF. Minimum 83% electrical efficiency, 0-10V dimming protocol with 1-100% range and dim-to-dark capabilities, 0.2mA source current (90L lamp is 10-100% dimming with dim-to-dark capabilities, 0.4mA source current). Surge and transient protection rated at 6kV per ANSI C82.41-2002 and 10kV per ANSI C82.75-2015, 20kA max. transient protection (L-N). Replaceable surge suppressor. Driver is EMC compliant with FCC 47 CFR Part 15, Class B, Passes IEC 61000-4-4 EFT and IEC 61000-4-5 (Class 4) surge evaluation.
TEKLINK™ TL500M/TL50DM: An independent lighting control system integral to the luminaire, featuring its own embedded occupancy sensor and adjustable time-out/dimming settings. TL500M adds a closed-loop daylight harvesting function for maximum energy savings.
TEKLINK™ TL100: Centralized, wired zonal occupancy and closed-loop daylight harvesting control system. TL100 controllers are standalone devices and ordered separately from luminaire. Click here for specifications.
TEKLINK™ TL200M/TL200DM: A wireless, zonal occupancy control Bluetooth® Low Energy system (BLE v5.2) with embedded sensor. Mobile app for Android and iOS device allows changes to time-out period, turn-off delay and light level. System commissioning is not required - network is operational upon power-up. TL200DM adds the daylight harvesting function for maximum energy savings.
TEKLINK™ TL1000/2000: An adaptive lighting control system with wired or wireless communication between system nodes. In addition to occupancy detection and daylight harvesting, TL1000 and TL2000 feature advanced scheduling and energy management capabilities with cloud-based management of system settings, task tuning, power/energy monitoring, reporting and notifications. TL1000 utilizes wired (shielded twisted pair) communication to exchange information built on the CAN bus protocol. TL2000 uses wireless communication (900 MHz), designed to the IEEE 802.15.4 standard.
SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, click here.
PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an IAC/ISO17025 accredited laboratory. For photometric data, please go to www.kenall.com.
WARRANTY: Limited five (5) year warranty. Peace of Mind Guarantee* when ordered and installed with direct-to-surface (DTS) mounting.
LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. IP66 rating per IEC 60598 standard. Suitable for installation into -35°C to 40°C ambient environments, unless otherwise noted. Passes 50 vibration test per ANSI C136.31-2001. Designlights Consortium™ DLC Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Visit https://dpl.designlights.org/ to confirm qualification.

ORDERING INFORMATION (Ex: HPG14-PM-MW-SW-CP-50L-40K8-DIM1-DV-FS-TL200M)

Table with columns: Mounting, Finish, Optic Type, Lens Type, Lamp Power, Lamp Color, Driver Type, Voltage, Options, Accessories, TekLink, Controls Kit

LED, IP66, 3G, PEACE OF MIND Guarantee, DLC LISTED PREMIUM

ORDERING INFORMATION (Ex: HPG14-PM-MW-SW-CP-50L-40K8-DIM1-DV-FS-TL200M)

Table with columns: Mounting, Lamp Power, Driver Type, Voltage, Optics, Accessories, TekLink, Controls Kit

Please consult Kenall Applications when ordering controls. When specifying with integral controls, a mounting height of 10'-14" is recommended for optimal sensor coverage, 20' maximum with reduced coverage.

Controls Kit <> Factory Assigned Internal Code

* Not available with DL optic
* Not available with DL and RW optic
* DV input voltage only. Not available with 90L lamp power.
* 90L lamp only. DV input voltage only.

www.kenall.com | P: 800-4-Kenall | F: 262-891-9700 | 10220 55th Street Kenosha, Wisconsin 53144, USA A brand of D Iegrand

This product can comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2024 Kenall Mfg. Co. HPG14-031324

Table with columns: MARK, DESCRIPTION, DATE, APPR

Table with columns: DESIGN BY, ISSUE DATE, DDC PROJECT NUMBER, CONSULTANT'S PROJECT #, DRAWN BY, QCE BY, SOLICITATION NO., PLOT DATE, CONTRACT NO., PLOTS/SCALE, FILE NUMBER, FILE NAME

DESIGN DEVELOPMENT

NOT FOR CONSTRUCTION

TOWN OF ERIE ERIE PD - ADDITION & RENOVATION 1000 TELLEEN AVENUE, ERIE, COLORADO 80516 ELECTRICAL SITE PHOTOMETRIC PLAN CUTSHEETS

SHEET IDENTIFICATION SPP-002

S1

S2

insight lighting **PROSPOT 6**
PERFORMANCE PROJECTOR | COLOR CHANGING + TUNABLE WHITE

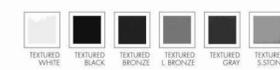
PROJECT: ERIE PD TYPE: S1 CAT.#: PS6 SO Q DMXF

PROFILE

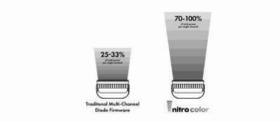
LIGHT SOURCE STANDARD OUTPUT (25W)
OPTICS 10°, 20°, 40°, 60°, 100°, HSL, OPTICAL KIT
CCT RGBA, RGB22K, RGB27K, RGB30K, RGB35K, RGB40K, RGYB40, TUNABLE WHITE (2200K-6500K)
PERFORMANCE UP TO 35.4 LM/W, 11,455 PEAK CANDELA
VOLTAGE 120V OR 277V
POWER INTEGRATED POWER SUPPLY
CABLE COLOR BLACK, OPTIONAL WHITE
CONTROL DMX 512+RDM, FIXTURE RESOLUTION
WEIGHT 7 LBS.
EPA (NO ACCESSORY) FRONT: 0.27 FT³, SIDE: 0.16 FT³
HOUSING HEAVY DUTY A380 DIE-CAST ALUMINUM
LENS TEMPERED GLASS
FINISH HIGH DURABILITY POWDER COATING
WARRANTY 5-YEAR LIMITED
OPERATING TEMP -40° C TO 50° C
LUMEN MAINTENANCE 100,000 HOURS
CERTIFICATION ETL, CETL, IP66, IK09, 3G OPTION, COMPLIES WITH BUY AMERICAN ACT OPTION



FINISHES



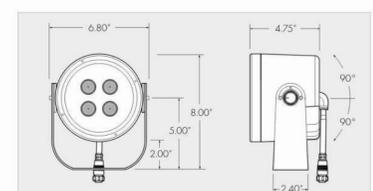
NITRO COLOR TECHNOLOGY



QUAD CLUSTER LED CONFIGURATION

The quad array integrates multiple colors (i.e. red, green, blue, white) into a single location for immediate and accurate color selection. This is ideal for direct line of sight applications where the face of the fixture is visible, creating color consistency between the luminaire and the illuminated surface. LED color combinations may be customized to suit any application (i.e. royal blue, cyan, lime, white, etc.). Please contact the factory for special bonding requirements.

PROFILE



OPTIONS



insight lighting **PROSPOT 6**
PERFORMANCE PROJECTOR | COLOR CHANGING + TUNABLE WHITE

PROJECT: ERIE PD TYPE: S1 CAT.#: PS6 SO Q DMXF

SPECIFICATION

PS6 MO Q DMXF

1. FIXTURE PROSPOT 6 PS6	5. OPTICS 10° 10 20° 20 40° 40 20° 40 100° 100 HORIZONTAL SPREAD LENS HSL Converts 10° into 20°, 40°, 60°, HSL	7. VOLTAGE 120V 120 277V 277	9. OPTIONS See page 8.31 VISOR ACCESSORY VS Field installable SNOOT ACCESSORY SN Field installable WIRE GUARD ACCESSORY WG Field installable POLE MOUNT PM-X Available with Tenon mount only. See also X= Outside pole diameter. See list below. PM-4-4.5 (Ø4.0" x 4.5" pole diameter) PM-4.5-5 (Ø4.5" x 5.0" pole diameter) PM-5-5.5 (Ø5.0" x 5.5" pole diameter) PM-5-6 (Ø5.5" x 6.0" pole diameter) PM-6-6.5 (Ø6.0" x 6.5" pole diameter)
2. WATTAGE STANDARD OUTPUT 25 W SO	6. MOUNTING TRUNNION TR 3G ANSI 136.31 rated A leader cable is required. Must be ordered separately. See below for details. KNUCKLE KN PENDANT PNS-X X= pendant length. See page 8.1 for details. Available to dimmable only EXTENDED ARM EXA-X X= extended arm length. See page 5.1 for details. STAKE STK CEILING CM	8. CONTROLS DMX FIXTURE RESOLUTION DMXF All fixtures are shipped from the factory with default set or address 1. Fixtures are not pre-addressed or labeled at the factory. A DMXKit tool is required for on-site fixture resolution and addressing. Must be ordered separately. See DMXKit tool options below. DMX controls are required. Must be ordered separately.	10. FINISH TEXTURED WHITE TW TEXTURED BLACK TBL TEXTURED GREY TGR TEXTURED BRONZE TBR TEXTURED LIGHT BRONZE TIB TEXTURED NATURAL TNL TEXTURED SANDSTONE TSN CUSTOM COLOR CC Contact factory for custom color. Additional charges will apply.
3. CCT RED, GREEN, BLUE, AMBER RGBA RED, GREEN, BLUE, 22K RGB22 RED, GREEN, BLUE, 27K RGB27 RED, GREEN, BLUE, 30K RGB30 RED, GREEN, BLUE, 35K RGB35 RED, GREEN, BLUE, 40K RGB40 RED, GREEN, ROYAL BLUE, 40K RGYB40 TUNABLE WHITE AWH Kelvin range: 2200K-6500K	4. LED CONFIGURATION QUAD CLUSTER Q	9. FINISH TEXTURED WHITE TW TEXTURED BLACK TBL TEXTURED GREY TGR TEXTURED BRONZE TBR TEXTURED LIGHT BRONZE TIB TEXTURED NATURAL TNL TEXTURED SANDSTONE TSN CUSTOM COLOR CC Contact factory for custom color. Additional charges will apply.	10. FINISH TEXTURED WHITE TW TEXTURED BLACK TBL TEXTURED GREY TGR TEXTURED BRONZE TBR TEXTURED LIGHT BRONZE TIB TEXTURED NATURAL TNL TEXTURED SANDSTONE TSN CUSTOM COLOR CC Contact factory for custom color. Additional charges will apply.

CABLES & DMX TOOLS (ORDER SEPARATELY)

LEADER CABLES REQUIRED FOR TRUNNION MOUNT	PART NUMBERS	DMX TERMINATOR	PART NUMBERS
5.0 FT LEADER CABLE	BLACK EL12430-5-B WHITE EL12430-5-W	DMX TERMINATOR	BLACK EL12291-B WHITE EL12291-W
10.0 FT LEADER CABLE	EL12430-10-B EL12430-10-W	One required per DMX unit	
T-CONNECTORS REQUIRED FOR PLUG & PLAY	PART NUMBERS	DMX DISTRIBUTION KIT & ADDRESSING TOOL REQUIRED FOR DMX DIMMING	PART NUMBERS
7' FT JUMPER CABLE	BLACK EL12289-1-B WHITE EL12289-1-W	CDS-RDM - DMX/RDM DISTRIBUTION KIT - IP67	SA27411
JUMPER CABLES FOR LINE VOLTAGE ONLY - OPTIONAL	PART NUMBERS	Consists of 4 output Each output is limited to 111 amp per output - up to 96 fixtures max.	
1.0 FT JUMPER CABLE	BLACK EL12288-1-B WHITE EL12288-1-W	DMX/RDM ADDRESSING & MONITORING TOOL	SA27636
2.0 FT JUMPER CABLE	EL12288-2-B EL12288-2-W	Uses Bluetooth LE technology for communication with the smartphone and the DMXKit app (up to a 30' range). Allows for on-site fixture resolution and addressing.	
5.0 FT JUMPER CABLE	EL12288-5-B EL12288-5-W		
10.0 FT JUMPER CABLE	EL12288-10-B EL12288-10-W		
25.0 FT JUMPER CABLE	EL12288-25-B EL12288-25-W		
A jumper cable is required for ProStart Plug & Play Starter with Surge Protection (see below for details).			

Wall luminaire - Directed light **BEGA**

Type: S2
BEGA Product:
Project: ERIE PD
Modified:

Application
Wall luminaires with directed light distribution designed for general illumination of pathways and building entrances from various mounting heights.

Materials
Clear safety glass
Marine grade, copper free (≤0.3% copper content) A380.0 aluminum alloy
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Pure anodized aluminum reflector

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 2.2 lbs.

Electrical
Operating voltage 120-277VAC
Minimum start temperature -30° C
LED module wattage 14.0W
System wattage 17.0W
Color rendering index Ra > 80
Luminaire lumens 1217 lm
LED service life (L70) 60000 hrs

LED color temperature
4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

Available colors
 Black (BLK) Bronze (BRZ)
 Silver (SLV) White (WHT)
 Natural Bronze (NTB) RAL
 CUS:

Available options
 CUS Custom finish
 FSC Fusing
 MGU Marine grade undercoat
 NTB Natural bronze (premium finish)
 RAL RAL finish



DATE	APP'D
DESCRIPTION	MARK

DESIGN BY: MEE	D2C PROJECT NUMBER: 202420	ISSUE DATE: OCT 14, 2023	CONSULTANT'S PROJECT #
DRAWN BY: MEE	CHECKED BY: MEE	PLANT DATE: 10/24/23 AM	SOLICITATION NO.:
FILE NAME: 227 x 34"	FILE NUMBER:	CONTRACT NO.:	FILE NUMBER:

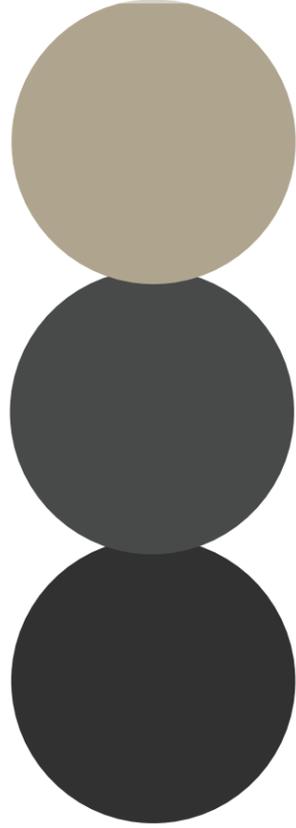
DESIGN DEVELOPMENT

NOT FOR CONSTRUCTION

TOWN OF ERIE
ERIE PD - ADDITION & RENOVATION
1000 TELLEEN AVENUE, ERIE, COLORADO 80516
ELECTRICAL SITE PHOTOMETRIC PLAN CUTSHEETS

SHEET IDENTIFICATION
SPP-003

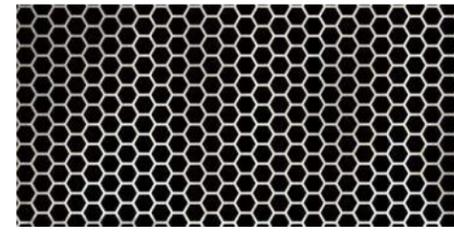
METAL COPING COLORS



STOREFRONTS, WINDOWS, AND CLEAR GLAZING

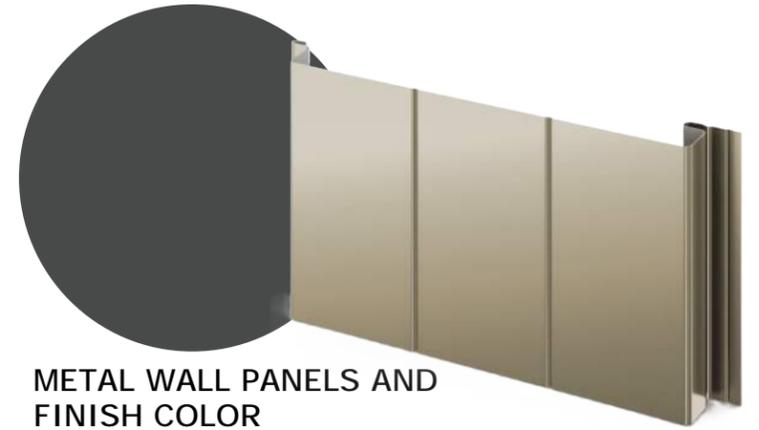
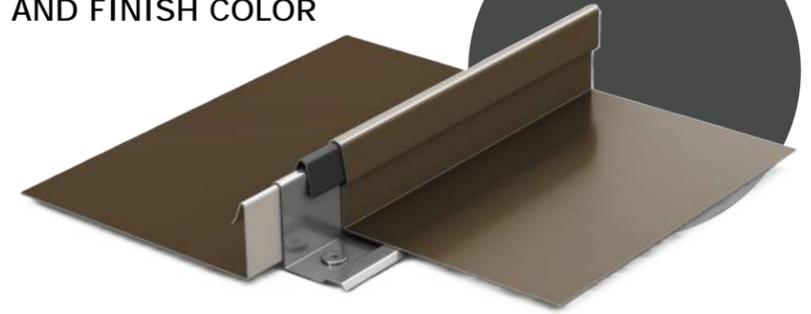


SECURE PERIMETER FENCE



PERFORATED METAL RTU SCREEN PANELS

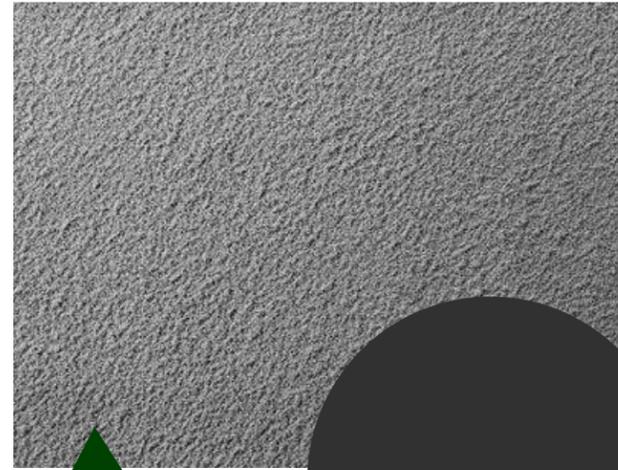
STANDING SEAM METAL ROOF AND FINISH COLOR



METAL WALL PANELS AND FINISH COLOR



TREX WOOD SLATS FOR WALL ACCENT AND WINDOW SHADING



PRE-CAST TEXTURE AND COLOR



METAL PANEL PATTERN AND FINISH COLOR

DOUGLAS FIR SLANTED COLUMNS & SOFFIT PANELS



PRE-CAST PATTERN AND COLOR



ERIE POLICE DEPARTMENT EXPANSION & REMODEL EXTERIOR FINISHES