


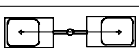






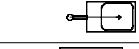

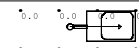
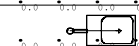
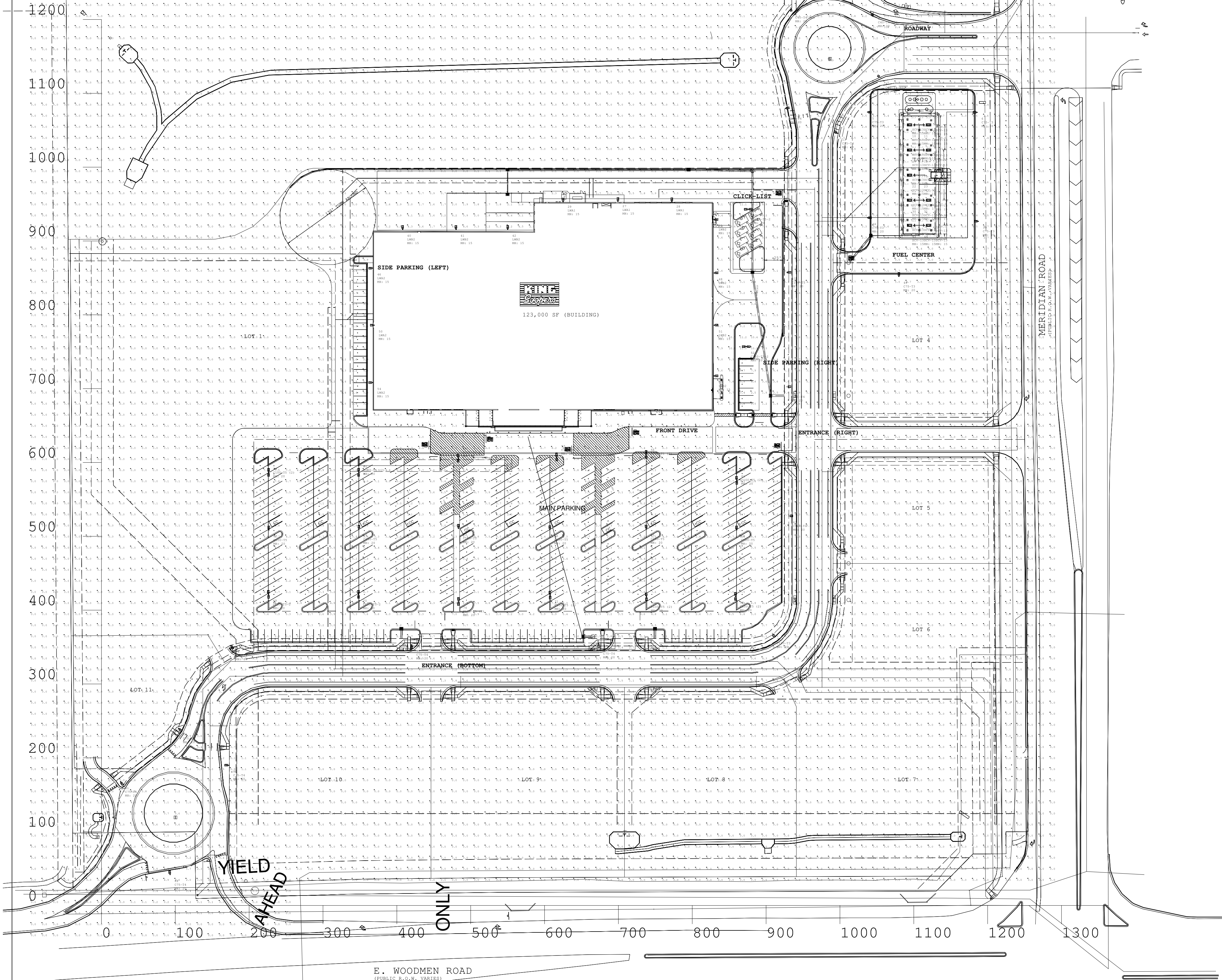


| Luminaire Schedule | | | | | | | | |
|---|-----|-------------|-------------|------------|-------------|-------------|-------|----------------------------|
| Symbol | Qty | Label | Arrangement | Lum. Watts | Total Watts | Lum. Lumens | LLF | Description |
|  | 1 | C100-T3 | SINGLE | 217 | 217 | 31061 | 0.903 | PRV-XL-C100-D-UNV-T3-BZ |
|  | 2 | C100-T4 | SINGLE | 217 | 434 | 31035 | 0.903 | PRV-XL-C100-D-UNV-T4-BZ |
|  | 2 | C100-T5 | SINGLE | 217 | 434 | 33450 | 0.903 | PRV-XL-C100-D-UNV-T5-BZ |
|  | 8 | C100-T5 (2) | BACK-BACK | 217 | 3472 | 33450 | 0.903 | PRV-XL-C100-D-UNV-T5-BZ |
|  | 4 | C125-T5-2 | BACK-BACK | 264 | 2112 | 39097 | 0.903 | PRV-XL-C125-D-VOLT-T5-BZ |
|  | 5 | C150-T5 | SINGLE | 285 | 1425 | 44287 | 0.903 | PRV-XL-C150-D-UNV-T5-BZ |
|  | 2 | C150-T5-2 | BACK-BACK | 285 | 1140 | 44287 | 0.903 | PRV-XL-C150-D-UNV-T5-BZ |
|  | 3 | C40-T4-HSS | SINGLE | 131 | 393 | 15518 | 0.903 | PRV-C40-D-UNV-T4-BZ-HSS |
|  | 5 | C75-T3 | SINGLE | 176 | 880 | 26120 | 0.903 | PRV-XL-C75-D-VOLT-T3-BZ |
|  | 9 | C75-T4 | SINGLE | 176 | 1584 | 26098 | 0.903 | PRV-XL-C75-D-VOLT-T4-BZ |
|  | 3 | LWA1 | SINGLE | 59 | 177 | 6505 | 0.912 | GWC-AF-01-LED-VOLT-T3-BZ |
|  | 3 | LWA2 | SINGLE | 113 | 339 | 12710 | 0.912 | GWC-AF-02-LED-VOLT-T3-BZ |
|  | 7 | LWB2 | SINGLE | 113 | 791 | 12784 | 0.912 | GWC-AF-02-LED-VOLT-T4FT-BZ |
|  | 28 | SCV-13 | SINGLE | 84.3 | 2360.4 | 12933 | 1.000 | SCV-LED-13L-SC-50 |

Project manager to specify
fixture voltage for each fixture type

Total Watts = 15758.39



| Calculation Summary | | | | | | | |
|----------------------|-------------|-------|-------|------|------|---------|---------|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| CANOPY | Illuminance | Fc | 30.56 | 45.1 | 11.0 | 2.78 | 4.10 |
| PROPERTY LINE | Illuminance | Fc | 0.04 | 0.1 | 0.0 | N.A. | N.A. |
| BUILDING REAR | Illuminance | Fc | 2.21 | 9.1 | 0.1 | 22.10 | 91.00 |
| CLICK-LIST | Illuminance | Fc | 6.66 | 11.6 | 3.0 | 2.22 | 3.87 |
| ENTRANCE (BOTTOM) | Illuminance | Fc | 3.45 | 6.0 | 2.3 | 1.50 | 2.61 |
| ENTRANCE (RIGHT) | Illuminance | Fc | 1.60 | 3.0 | 0.7 | 2.29 | 4.29 |
| FRONT DRIVE | Illuminance | Fc | 4.15 | 8.2 | 1.4 | 2.96 | 5.86 |
| FUEL CENTER | Illuminance | Fc | 4.51 | 10.7 | 1.0 | 4.51 | 10.70 |
| MAIN PARKING | Illuminance | Fc | 4.30 | 8.8 | 1.5 | 2.87 | 5.87 |
| ROADWAY | Illuminance | Fc | 1.96 | 8.0 | 0.3 | 6.53 | 26.67 |
| SIDE PARKING (LEFT) | Illuminance | Fc | 4.34 | 6.6 | 1.7 | 2.55 | 3.88 |
| SIDE PARKING (RIGHT) | Illuminance | Fc | 4.56 | 8.7 | 1.5 | 3.04 | 5.80 |

| Luminaire Location Summary | | | | | | | |
|----------------------------|-------------|---------|----------|----|---------|------|--|
| LumNo | Label | X | Y | Z | Orient | Tilt | |
| 1 | C40-T4-HSS | 933.25 | 1216.25 | 20 | 279.293 | 0 | |
| 2 | C40-T4-HSS | 1045.25 | 1209.75 | 20 | 251.98 | 0 | |
| 3 | C40-T4-HSS | 1055.5 | 1121.25 | 20 | 147.965 | 0 | |
| 4 | C75-T4 | 925.899 | 1079.451 | 20 | 10.042 | 0 | |
| 5 | C75-T3 | 1037.25 | 1074.5 | 20 | 0 | 0 | |
| 6 | C75-T3 | 1185.5 | 1074.25 | 20 | 180 | 0 | |
| 7 | SCV-13 | 1091.5 | 1064.5 | 15 | 0 | 0 | |
| 8 | SCV-13 | 1107.5 | 1064.5 | 15 | 0 | 0 | |
| 9 | SCV-13 | 1123.5 | 1063.5 | 15 | 0 | 0 | |
| 10 | SCV-13 | 1091.5 | 1050.5 | 15 | 0 | 0 | |
| 11 | SCV-13 | 1107.5 | 1050.5 | 15 | 0 | 0 | |
| 12 | SCV-13 | 1123.5 | 1050.5 | 15 | 0 | 0 | |
| 13 | C75-T4 | 996.75 | 1045.75 | 20 | 149.237 | 0 | |
| 14 | SCV-13 | 1091.5 | 1030.5 | 15 | 0 | 0 | |
| 15 | SCV-13 | 1107.5 | 1030.5 | 15 | 0 | 0 | |
| 16 | SCV-13 | 1123.5 | 1029.5 | 15 | 0 | 0 | |
| 17 | SCV-13 | 1091.5 | 1016.5 | 15 | 0 | 0 | |
| 18 | SCV-13 | 1107.5 | 1016.5 | 15 | 0 | 0 | |
| 19 | SCV-13 | 1123.5 | 1016.5 | 15 | 0 | 0 | |
| 20 | SCV-13 | 1091.5 | 996.5 | 15 | 0 | 0 | |
| 21 | SCV-13 | 1107.5 | 996.5 | 15 | 0 | 0 | |
| 22 | SCV-13 | 1091.5 | 982.5 | 15 | 0 | 0 | |
| 23 | SCV-13 | 1107.5 | 982.5 | 15 | 0 | 0 | |
| 24 | SCV-13 | 1091.5 | 962.5 | 15 | 0 | 0 | |
| 25 | SCV-13 | 1107.5 | 962.5 | 15 | 0 | 0 | |
| 26 | SCV-13 | 1123.5 | 961.5 | 15 | 0 | 0 | |
| 27 | LWA1 | 690.25 | 955.75 | 15 | 90 | 0 | |
| 28 | LWA1 | 772.25 | 955.25 | 15 | 90 | 0 | |
| 29 | LWA1 | 625 | 955 | 15 | 90 | 0 | |
| 30 | SCV-13 | 1091.5 | 948.5 | 15 | 0 | 0 | |
| 31 | SCV-13 | 1107.5 | 948.5 | 15 | 0 | 0 | |
| 32 | SCV-13 | 1123.5 | 948.5 | 15 | 0 | 0 | |
| 33 | C150-T5-2 | 875.75 | 943 | 20 | 0 | 0 | |
| 34 | C75-T3 | 1037.25 | 931.5 | 20 | 0 | 0 | |
| 35 | LWB2 | 828.5 | 929.25 | 15 | 0 | 0 | |
| 36 | SCV-13 | 1091.5 | 928.5 | 15 | 0 | 0 | |
| 37 | SCV-13 | 1107.5 | 928.5 | 15 | 0 | 0 | |
| 38 | SCV-13 | 1123.5 | 927.5 | 15 | 0 | 0 | |
| 39 | C75-T3 | 1187.25 | 926.75 | 20 | 180 | 0 | |
| 40 | LWB2 | 407.75 | 915.75 | 15 | 90 | 0 | |
| 41 | LWB2 | 480 | 915.75 | 15 | 90 | 0 | |
| 42 | LWB2 | 550 | 915.75 | 15 | 90 | 0 | |
| 43 | SCV-13 | 1091.5 | 914.5 | 15 | 0 | 0 | |
| 44 | SCV-13 | 1107.5 | 914.5 | 15 | 0 | 0 | |
| 45 | SCV-13 | 1123.5 | 914.5 | 15 | 0 | 0 | |
| 46 | LWA2 | 367.25 | 863.25 | 15 | 180 | 0 | |
| 47 | C150-T5 | 928.25 | 857.364 | 20 | 0 | 0 | |
| 48 | LWB2 | 828.5 | 856.75 | 15 | 0 | 0 | |
| 49 | C75-T3 | 1079.75 | 852 | 20 | 90 | 0 | |
| 50 | LWA2 | 369.25 | 786 | 15 | 180 | 0 | |
| 51 | LWB2 | 829.5 | 786 | 15 | 0 | 0 | |
| 52 | C150-T5-2 | 873 | 757 | 20 | 0 | 0 | |
| 53 | LWB2 | 828.5 | 717.25 | 15 | 0 | 0 | |
| 54 | LWA2 | 367.25 | 708.25 | 15 | 180 | 0 | |
| 55 | C100-T4 | 927.5 | 702.614 | 20 | 0 | 0 | |
| 56 | C100-T5 (2) | 737.5 | 610.9 | 20 | 90 | 0 | |
| 57 | C125-T5-2 | 616.4 | 607.3 | 20 | 90 | 0 | |
| 58 | C125-T5-2 | 483 | 605.8 | 20 | 90 | 0 | |
| 59 | C100-T5 (2) | 228.25 | 586.7 | 20 | 90 | 0 | |
| 60 | C100-T5 (2) | 348.25 | 586.65 | 20 | 90 | 0 | |
| 61 | C100-T5 (2) | 860.15 | 575.9 | 20 | 90 | 0 | |
| 62 | C100-T4 | 930.25 | 527.614 | 20 | 0 | 0 | |
| 63 | C150-T5 | 483.3 | 510.8 | 20 | 90 | 0 | |
| 64 | C150-T5 | 348.45 | 509.65 | 20 | 90 | 0 | |
| 65 | C150-T5 | 737.6 | 509.9 | 20 | 90 | 0 | |
| 66 | C150-T5 | 607.1 | 509.2 | 20 | 90 | 0 | |
| 67 | C100-T5 | 226.6 | 508.55 | 20 | 90 | 0 | |
| 68 | C100-T5 | 859.95 | 508.65 | 20 | 90 | 0 | |
| 69 | C125-T5-2 | 226.1 | 421.45 | 20 | 90 | 0 | |
| 70 | C125-T5-2 | 347.95 | 421.3 | 20 | 90 | 0 | |
| 71 | C100-T5 (2) | 607.35 | 420.35 | 20 | 90 | 0 | |
| 72 | C100-T5 (2) | 858.45 | 418.55 | 20 | 90 | 0 | |
| 73 | C100-T5 (2) | 737.85 | 418.05 | 20 | 90 | 0 | |
| 74 | C100-T5 (2) | 483.3 | 411.95 | 20 | 90 | 0 | |
| 75 | C100-T3 | 908.205 | 368.853 | 20 | 301.038 | 0 | |
| 76 | C75-T4 | 673.08 | 354.75 | 20 | 270 | 0 | |
| 77 | C75-T4 | 420.08 | 353.25 | 20 | 270 | 0 | |
| 78 | C75-T4 | 175.5 | 352.25 | 20 | 297.553 | 0 | |
| 79 | C75-T4 | 104.25 | 239.75 | 20 | 321.532 | 0 | |
| 80 | C75-T4 | 172.25 | 190 | 20 | 180 | 0 | |
| 81 | C75-T4 | 25.75 | 167.5 | 20 | 306.656 | 0 | |
| 82 | C75-T4 | 92.75 | 41.75 | 20 | 96.203 | 0 | |
| Total Quantity: 82 | | | | | | | |

COOPER
Lighting Solutions
Applications Engineering
1121 Highway 74 South
Peachtree City, GA 30269

tel no: 770-486-3966

fax no: 770-486-4599

e-mail: mkt-lightingapplications@eaton.com

COOPER
Lighting Solutions

Project Name: **KING SOOPERS - FALCON, CO**

Client: **WENDY NORMAN - EATON**

Drawn By:

John Cyzycki

Date:

9/22/2020

Scale:

1"=50'

Project No:

1901148R3.AGI

Scottsdale® Vertex™ - SCV
Petroleum Canopy LED Luminaire



Luminaire Ordering Guide

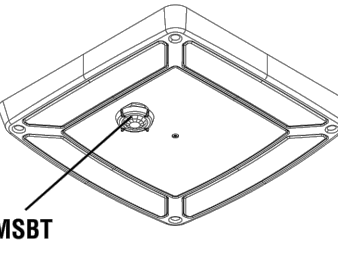
| TYPICAL ORDER EXAMPLE: SCV LED 13L SC UNV DIM 50 WHT IMSBT2 | | | | | | | | | |
|---|----------|---|---|--|---|--|--|---|--|
| Family / Size | LED Chip | Lumen Package* | Distribution | Voltage | Driver | Color Temperature | Finish | Controls | |
| SCV - Petroleum Canopy Luminaire | 13L | 1K - 1000 Lumens 15L - 1500 Lumens 20L - 2000 Lumens 25L - 2500 Lumens | SC - Symmetric 15L - 1500 Lumens 20L - 2000 Lumens 25L - 2500 Lumens | UNV - 120-277V 120-277V 120-277V 120-277V | DM - Drive to 100% (to 100% dimming) DM - 347-480V DM - 347-480V | 30-3000K 40-4000K 50-5000K 60-6000K | WHT - White BLK - Black BRN - Bronze | Blank - NONE ALSC - Act Link Symptom Wireless Control System ALSCS - Act Link Symptom Wireless Control System with Sensor | |

| Description | Order Number | Description | Order Number |
|---|--------------|---|--------------|
| Retain Pole Kit - SCV (SCV to SCV) for 10' Deck Panel with larger opening | 674535 | 30" x 30" Security Plate Kit (with 4" Center hole) | 5641080407 |
| Retain Pole Kit - SCV (SCV to SCV) for 12' Deck Panel | 676011 | Junction Box | 661461 |
| Retain Pole Kit - SCV (SCV to SCV) for 14' Deck Panel | 676026 | Kid - Hole Plug and Sealant (enough for 25 screws) | 1225040 |
| Retain Pole Kit - SCV (SCV to SCV) for 16' Deck Panel | 676047 | Recessed Top Plate Kit (includes top plate and sealant) | 6722010407 |
| Retain 2nd Cover Panel Blank (no holes) | 357582 | Surface Mount Base | 675033 |
| Retain RSC Cover Panel Blank (no holes) | 354762 | Retain Kit - CHLUSERS to SCV | 661462 |
| Retain Kit - CHLUSERS to SCV | 3571080407 | | |

FOOTNOTES:
1 - Consult Factory for 4V with Act Link Symptom Wireless Control System.
2 - IMST2 is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
3 - Used for 8" to 12" openings.
4 - Used for 8" openings.
5 - Used for 8" openings.

Accessories/Options

Luminaire Shown with IMST2 Option



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Scottsdale® Vertex™ - SCV
Petroleum Canopy LED Luminaire

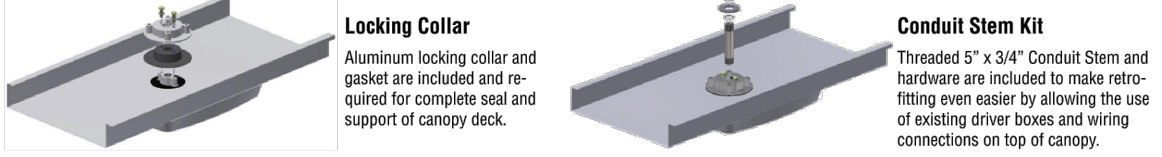
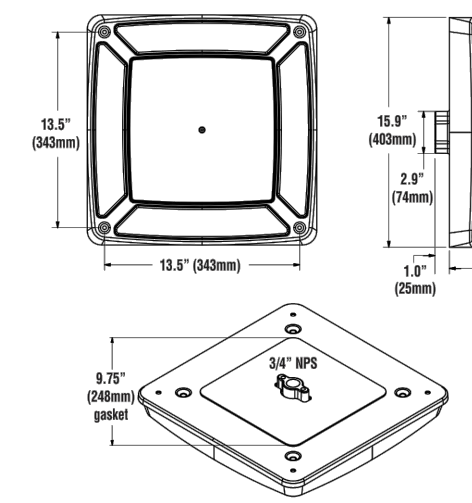


SCOTTSDALE

Features & Specifications

- Optical System
 - Proprietary silicone refractor optics provide exceptional coverage and uniformity in Symmetrical or Combination Forward Throw distributions.
 - State-of-the-art silicone optics deliver industry leading optical control with an integrated gasket to provide an IP65 rated sealed optical chamber in one component.
 - Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 95%.
 - Available in 5000K, 4000K and 3000K (+/- 275K) color temperatures.
 - Minimum CRI of 70.
- Electrical
 - High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
 - 0-10V dimming (10% - 100%) standard.
 - Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
 - LED Calculated Life >100K Hours (See Lumen Maintenance on Page 2)
 - Total harmonic distortion <20%.
 - Operating temperature: -40°C to +50°C (-40°F to +122°F) when mounted to Steel/Aluminum surfaces for 10L, 15L & 16L Lumen Packages, +45°C for 20L Lumen Package, and +40°C for 25L Lumen Package. If mounted to a non-metallic surface, reduce ambient by 5°C.
 - Power factor >0.90.
 - Input power stays constant over life.

Dimensions



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1 FIXTURE "SCV"
NOT TO SCALE

Lumark

| Catalog # | Type |
|-------------|------|
| Project | |
| Comments | |
| Prepared by | |

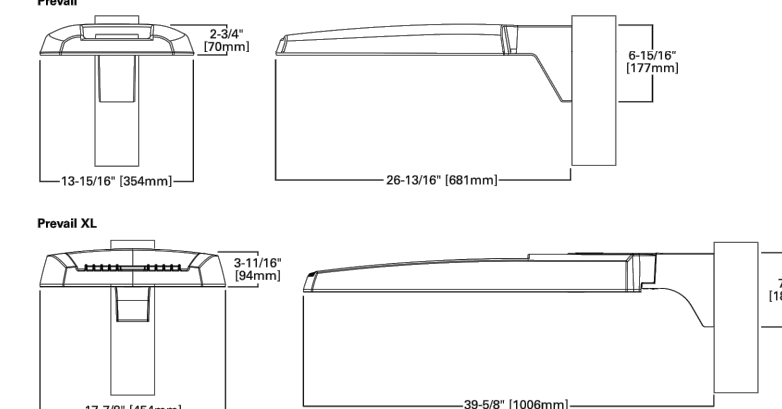
DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire offers unparalleled optical control resulting in greater pole packing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installation with energy savings greater than 80%, the Prevail fixture replaces 150-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadway and building areas.

SPECIFICATION FEATURES

- Construction
 - Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in a die-cast aluminum housing with the casting to promote low operating temperature and long life. The die-cast aluminum door is hinged to provide easy access to the driver if replacement is required. A gasketing silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that disengages heat from the LEDs resulting in longer life of the fixture. The fixture is IP65 and vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.
- Optics
 - Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type I, II, IV and V distributions with lumen packages ranging from 6,500 to 18,000 nominal lumens. Light engine configurations consist of high efficiency LEDs mounted to metal-core circuit boards.
- Electrical
 - LED drivers are mounted to the fixture for optimal heat sinking and promote long life. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.
- Mounting
 - Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a built-in ball-bearing clip and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1.125" to 4.75". Removal of the door on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2.31" O.D. bron.
- Finish
 - Housing and cast parts finished in three-stage superior TIG polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, gray, black, dark platinum and graphite metallic.
- Warranty
 - Five-year warranty.

Dimensions



PRV / PRV-XL PREVAIL

LED

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

AREA / SITE / ROADWAY LUMINAIRE

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