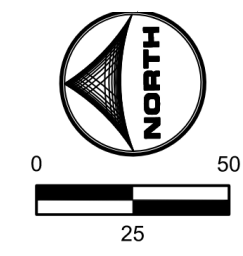


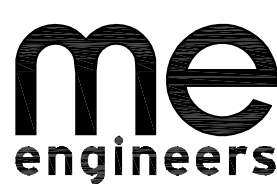


| Luminaire Schedule                                                                  |     |     |                          |             |                                                                                                         |                 |       |                  |                 |
|-------------------------------------------------------------------------------------|-----|-----|--------------------------|-------------|---------------------------------------------------------------------------------------------------------|-----------------|-------|------------------|-----------------|
| Symbol                                                                              | Qty | Tag | Label                    | Arrangement | Description                                                                                             | Mounting Height | LLF   | Luminaire Lumens | Luminaire Watts |
|  | 39  |     | VP-ST-2-72L-180-4K7-3-BC | Single      | Viper Strike 2, 72 LED Module, 180W, 4000K Color, 70 CRI, Type III Distribution with Back Light Control | 20              | 0.950 | 17734            | 180             |



|                                                 |                     |                                                                                                |
|-------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------|
| DRAWN BY: ELE                                   | JOB DATE: 3/20/2026 | BAR IS ONE INCH ON OFFICIAL DRAWINGS.<br>0" = 1"<br>IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY. |
| APPROVED: ELE                                   | JOB NUMBER: 2502477 |                                                                                                |
| CAD DATE: 4/24/2026                             |                     |                                                                                                |
| CAD FILE: Hillpoint_Peterson_Rd_Light_Calcs.dwg |                     |                                                                                                |

| NO. | DATE     | BY  | REVISION DESCRIPTION |
|-----|----------|-----|----------------------|
| 1   | 06/19/26 | ELE | REVIEW COMMENTS      |
| 2   | 07/29/26 | ELE | REVIEW COMMENTS 2    |
|     |          |     |                      |
|     |          |     |                      |



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HILLPOINTE APARTMENTS AT PETERSON  
HILLPOINTE, LLC.  
COLORADO SPRINGS, EL PASO COUNTY, COLORADO

SITE DEVELOPMENT PLAN  
SITE LIGHTING PHOTOMETRICS

# VIPER Area/Site

VIPER LUMINAIRE

## 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 Strike optics 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



## CONTROL TECHNOLOGY



## SERVICE PROGRAMS



## 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

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. 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 than 20ft, a vibration damper is recommended

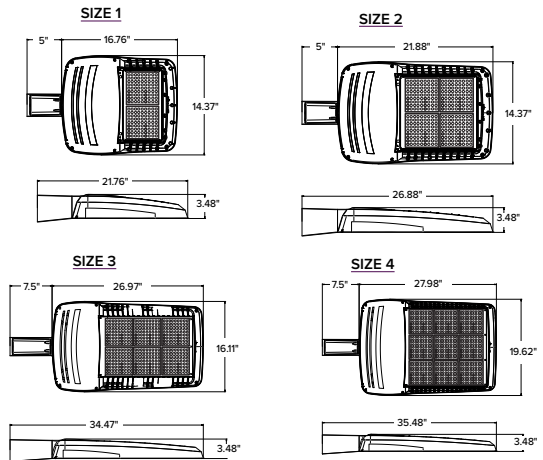
### ELECTRICAL

- 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 protection 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.

OPTICS  
**STRIKE**



|                | EPA          |              |              |              | Config.                                                                               |
|----------------|--------------|--------------|--------------|--------------|---------------------------------------------------------------------------------------|
|                | VP1 (Size 1) | VP2 (Size 2) | VP3 (Size 3) | VP4 (Size 4) |                                                                                       |
| 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 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 America(n) Solutions (link to <https://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A

### WARRANTY

- 5 year warranty



# VIPER Area/Site

VIPER LUMINAIRE

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## STRIKE OPTIC – ORDERING GUIDE

Example: VP-ST-1-36L-39-3K7-2-UNV-A-BLT

CATALOG #

| VP       |                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |                                                                      |                                                                                      |
|----------|----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Series   | Optic Platform | Size     | Light Engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CCT/CRI                                                                                                                                                                                                                                           | Distribution                                                                                                                                                                                                                                                      | Optic Rotation                                                       | Voltage                                                                              |
| VP Viper | ST Strike      | 1 Size 1 | 36L-39 <sup>8</sup> 5500 lumens<br>36L-55 <sup>8</sup> 7500 lumens<br>36L-85 10000 lumens<br>36L-105 12500 lumens<br>36L-120 14000 lumens<br>72L-115 15000 lumens<br>72L-145 18000 lumens<br>72L-180 21000 lumens<br>72L-210 24000 lumens<br>72L-240 27000 lumens<br>108L-215 <sup>8</sup> 27000 lumens<br>108L-250 30000 lumens<br>108L-280 33000 lumens<br>108L-325 36000 lumens<br>108L-365 40000 lumens<br>162L-320 40000 lumens<br>162L-365 <sup>10</sup> 44000 lumens<br>162L-405 48000 lumens<br>162L-445 52000 lumens<br>162L-485 55000 lumens<br>162L-545 <sup>8</sup> 60000 lumens<br>CLO Custom Lumen Output <sup>1</sup> | AM monochromatic amber, 595nm<br>27K8 2700K, 80 CRI<br>3K7 3000K, 70 CRI<br>3K8 3000K, 80 CRI<br>3K9 3000K, 90 CRI<br>35K8 3500K, 80 CRI<br>4K7 4000K, 70 CRI<br>4K8 4000K, 80 CRI<br>4K9 4000K, 90 CRI<br>5K7 5000K, 70 CRI<br>5K8 5000K, 80 CRI | FR Auto Front Row<br>2 Type 2<br>3 Type 3<br>4F Type 4 Forward<br>4W Type 4 Wide<br>5QN Type 5 Square Narrow<br>5QW Type 5 Square Wide<br>5QM Type 5 Square Medium<br>5W Type 5 Wide (Round)<br>5RW Type 5 Rectangular<br>C Corner Optic<br>TC Tennis Court Optic | BLANK No Rotation<br>L Optic rotation left<br>R Optic rotation right | UNV 120-277V<br>120 120V<br>208 208V<br>240 240V<br>277 277V<br>347 347V<br>480 480V |

| Mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Color                                                                                                                                                                                                                                                                                                                                                                  | Options                                                                                                                                                                             | Network Control Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A Arm mount for square pole/flat surface<br>A_ Arm mount for round pole <sup>3</sup><br>ASQU Universal arm mount for square pole<br>A_U Universal arm mount for round pole <sup>3</sup><br>AAU Adjustable arm for pole mounting (universal drill pattern)<br>AA_U Adjustable arm mount for round pole <sup>3</sup><br>ADU Decorative upswept Arm (universal drill pattern)<br>AD_U Decorative upswept arm mount for round pole <sup>3</sup><br>MAF Mast arm fitter for 2-3/8" OD horizontal arm<br>K Knuckle<br>T Trunnion<br>WB Wall Bracket, horizontal tenon with MAF<br>WM Wall mount bracket with decorative upswept arm<br>WA Wall mount bracket with adjustable arm | BLT Black Matte Textured<br>BLS Black Gloss Smooth<br>DBT Dark Bronze Matte Textured<br>DBS Dark Bronze Gloss Smooth<br>GTT Graphite Matte Textured<br>LGS Light Grey Gloss Smooth<br>LGT Light Grey Gloss Textured<br>PSS Platinum Silver Smooth<br>WHT White Matte Textured<br>WHS White Gloss Smooth<br>VGT Verde Green Textured<br>Color Option<br>CC Custom Color | F Fusing<br>E Battery Backup <sup>1,2,7,8,9</sup><br>2PF Dual Power Feed<br>2DR Dual Driver<br>TE Tooless Entry<br>BC Backlight Control<br>TB Terminal Block<br>CD Customer Dimming | NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>1,4,5</sup><br>NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>1,4,5</sup><br>NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor <sup>4,5</sup><br>WIR LightGRID+ In-Fixture Module <sup>4,5</sup><br>WIRSC LightGRID+ Module and Occupancy Sensor <sup>4,5</sup><br>Stand Alone Sensors<br>BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens<br>BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens<br>BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens<br>7PR 7-Pin Receptacle <sup>4</sup><br>7PR-SC 7-Pin Receptacle with shorting cap <sup>4</sup><br>7PR-TL 7-Pin PCR with photocontrol<br>3PR 3-Pin twist lock <sup>4</sup><br>3PR-SC 3-Pin receptacle with shorting cap <sup>4</sup><br>3PR-TL 3-Pin PCR with photocontrol <sup>4</sup><br>Programmed Controls<br>SCP-_F Sensor Control Programmable, 8F or 40F <sup>11</sup><br>ADD AutoDim Timer Based Dimming <sup>12</sup><br>ADT AutoDim Time of Day Dimming <sup>12</sup> |

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 8ft or 40ft.  
12 – Please refer to page 8 for AutoDim ordering guide

# VIPER Area/Site

VIPER LUMINAIRE

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## ORDERING GUIDE (CONT'D)

CATALOG #

| Accessory Type |                                                        | Size     | Option                                             | Color                             | Current Control Solutions — Accessories (Sold Separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|----------------|--------------------------------------------------------|----------|----------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SHD            | House<br>Side<br>Shield                                | 1 Size 1 | HSS-90-B House Side Shield 90° Back                | BLS Black<br>Gloss Smooth         | <b>NX Lighting Controls</b><br><br><input type="checkbox"/> <b>NXOFM2-1R1D-UNV</b> On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC<br><br><b>LightGRID+ Lighting Control</b><br><br><input type="checkbox"/> <b>WIR-RME-L</b> On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC<br><br><input type="checkbox"/> <b>SCP-REMOTE</b> Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor<br><br>For additional information related to these accessories please visit <a href="http://currentlighting.com/beacon">currentlighting.com/beacon</a> . Options provided for use with integrated sensor, please view specification sheet ordering information table for details. |  |
|                |                                                        | 2 Size 2 | HSS-90-F House Side Shield 90° Front               | BLT Black<br>Matte Textured       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        | 3 Size 3 | HSS-90-S House Side Shield 90° Side                | DBS Dark Bronze<br>Gloss Smooth   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        | 4 Size 4 | HSS-270-BSS House Side Shield 270° Back/Side/Side  | DBT Dark Bronze<br>Matte Textured |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| MTG            | Mounting                                               |          | HSS-270-FSS House Side Shield 270° Front/Side/Side | GTT Graphite<br>Matte Textured    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | HSS-270-FSB House Side Shield 270° Front/Side/Back | LGS Light Gray<br>Gloss Smooth    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | HSS-360 House Side Shield 360°                     | PSS Platinum Silver<br>Smooth     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | BC Back Light Control                              | WHS White<br>Gloss Smooth         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | A Arm Mount for square pole/flat surface           | WHT White<br>Matte Textured       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | ASQU Universal Arm Mount for square pole           | VGT Green Landscape<br>Decorative |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | AAU Adjustable Arm for pole mounting               | LEG Legacy Colors                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | ADU Decorative upswept Arm                         | Color Option                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | RPA Round Pole Adapter                             | CC Custom Color                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          | MAF Mast Arm Fitter for 2-3/8" OD horizontal arm   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                | K Knuckle                                              |          |                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                | T Trunnion                                             |          |                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                | WB Wall Bracket (compatible with universal arm mounts) |          |                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                        |          |                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Accessory Type |                                                        |          | Option                                             |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| MSC            | Miscellaneous                                          |          | BIRD SPK Bird Spike                                |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

## OUTDOOR LIGHTING CONTROLS OPTIONS    CONTROLS FUNCTIONALITY    LIGHTGRID+

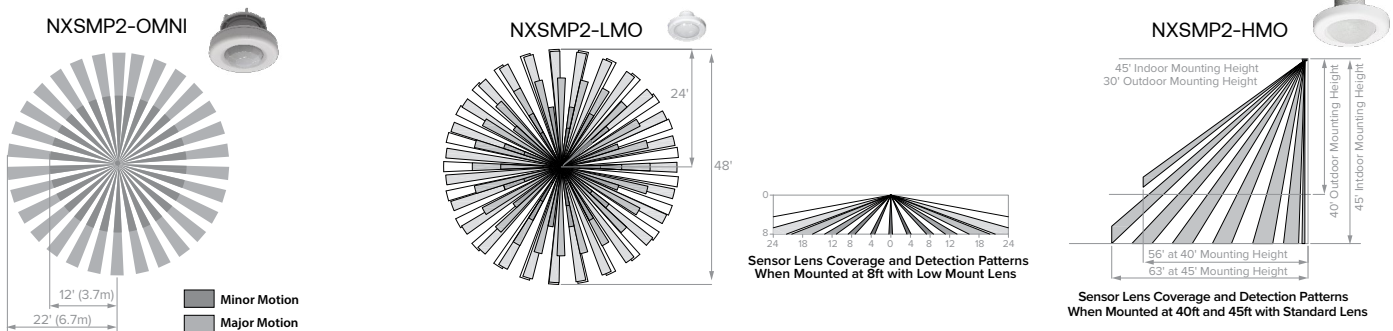
|             | Control Option Ordering Logic & Description | Control Option Functionality |          |            |                              |                     |               |                |                           |               | Control Option Components                                                                          |
|-------------|---------------------------------------------|------------------------------|----------|------------|------------------------------|---------------------|---------------|----------------|---------------------------|---------------|----------------------------------------------------------------------------------------------------|
|             |                                             | Networkable                  | Grouping | Scheduling | Occupancy/ Motion            | Daylight Harvesting | 0-10V Dimming | On/Off Control | Bluetooth App Programming | Sensor Height |                                                                                                    |
| NX Wireless | NXOFM2-1R1D-UNV                             | ✓                            | ✓        | ✓          | Paired with external control | ✓                   | ✓             | ✓              | ✓                         | -             |  NXOFM-1R1D-UV  |
|             | NXW                                         | ✓                            | ✓        | ✓          | -                            | -                   | ✓             | ✓              | ✓                         | -             |  NXRM2-H        |
|             | NXWS12F                                     | ✓                            | ✓        | ✓          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 12ft          |  NXSMP2-OMNI-O  |
|             | NXWS16F                                     | ✓                            | ✓        | ✓          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 16ft          |  NXSMP2-LMO     |
|             | NXWS40F                                     | ✓                            | ✓        | ✓          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 40ft          |  NXSMP2-HMO     |
| LightGRID+  | WIR                                         | ✓                            | -        | ✓          | -                            | -                   | ✓             | ✓              | Gateway                   | -             |  WIR            |
|             | WIR-RME-L                                   | ✓                            | -        | ✓          | -                            | -                   | ✓             | ✓              | Gateway                   | -             |  WIR-RME-L      |
|             | WIRSC                                       | ✓                            | ✓        | ✓          | ✓                            | ✓                   | ✓             | ✓              | Gateway                   | 14ft - 40ft   | BTMSP                                                                                              |
| Independent | BTSO-12F                                    | -                            | -        | -          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 12ft          |  BTSMP-OMNI-O |
|             | BTS-14F                                     | -                            | -        | -          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 14ft          |  BTSMP-LMO    |
|             | BTS-40F                                     | -                            | -        | -          | ✓                            | ✓                   | ✓             | ✓              | ✓                         | 40ft          |  BTSMP-HMO    |

### DEFAULT SETTINGS

|             |                                       |            |
|-------------|---------------------------------------|------------|
| NX Wireless | Occupancy Sensor                      | Enabled    |
|             | Occupancy Sensor Sensitivity          | 7          |
|             | Occupancy Sensor Timeout              | 15 Minutes |
|             | Occupied Dim Level                    | 100%       |
|             | Unoccupied Dim Level                  | 0%         |
|             | Daylight Sensor                       | Disabled   |
|             | Bluetooth                             | Enabled    |
|             | 2.4GHz Wireless Mesh                  | On         |
|             | *Passcode Factory Passcode: HubbN3T!* | Enabled    |

|             |                              |           |
|-------------|------------------------------|-----------|
| Stand Alone | Occupancy Sensor             | Enabled   |
|             | Occupancy Sensor Sensitivity | 7         |
|             | Occupancy Sensor Timeout     | 8 Minutes |
|             | Occupied Dim Level           | 100%      |
|             | Unoccupied Dim Level         | 50%       |
|             | Daylight Sensor              | Disabled  |

### NX WIRELESS COVERAGE PATTERNS



# VIPER Area/Site

VIPER LUMINAIRE

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## NX LIGHTING CONTROLS FREE APP

## CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: [https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en\\_US&q=US](https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&q=US)



Apple App



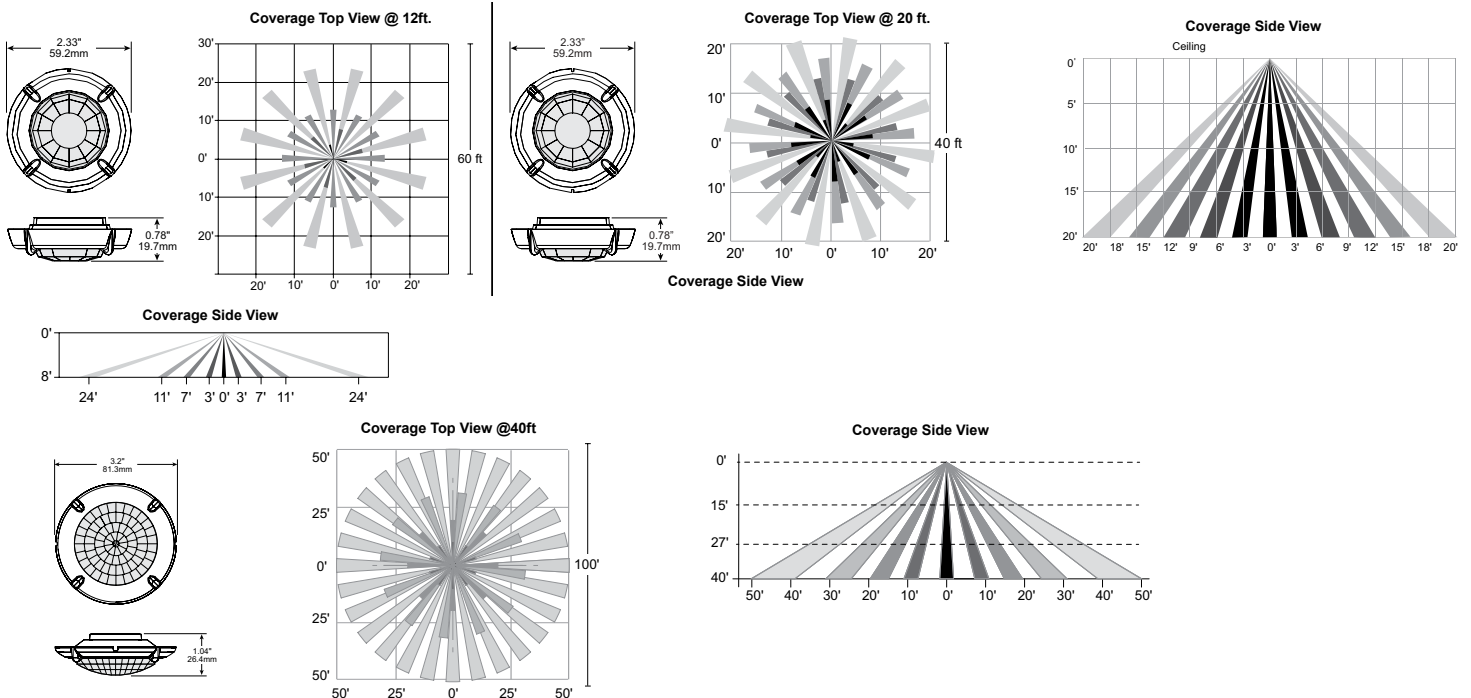
Google Play

## OUTDOOR LIGHTING CONTROLS OPTIONS

## CONTROLS FUNCTIONALITY

|             | Control Option Ordering Logic & Description  | Control Option Functionality |          |                              |                  |                              |               |                              |                           |               | Control Option Components                                                                    |
|-------------|----------------------------------------------|------------------------------|----------|------------------------------|------------------|------------------------------|---------------|------------------------------|---------------------------|---------------|----------------------------------------------------------------------------------------------|
|             |                                              | Networkable                  | Grouping | Scheduling                   | Occupancy/Motion | Daylight Harvesting          | 0-10V Dimming | On/Off Control               | Bluetooth App Programming | Sensor Height |                                                                                              |
| Independent | SCP_F Sensor Control Programmable, 8F or 40F | -                            | -        | -                            | ✓                | ✓                            | ✓             | ✓                            | -                         | 8ft or 40ft   | SCP_F                                                                                        |
|             | ADD AutoDIM Timer Based Dimming              | -                            | -        | ✓                            | -                | -                            | -             | ✓                            | -                         | -             | ADD                                                                                          |
|             | ADT AutoDIM Time of Day Dimming              | -                            | -        | ✓                            | -                | -                            | -             | ✓                            | -                         | -             | ADT                                                                                          |
|             | 7PR 7-Pin Receptacle                         | -                            | -        | Paired with external control | -                | Paired with external control | -             | Paired with external control | -                         | -             | 7PR                                                                                          |
|             | 7PR-SC 7-Pin Receptacle with shorting cap    | -                            | -        | -                            | -                | -                            | -             | -                            | -                         | -             |  7PR-SC   |
|             | 3PR 3-Pin twist lock                         | -                            | -        | -                            | -                | -                            | -             | Paired with external control | -                         | -             | 3PR                                                                                          |
|             | 3PR-SC 3-Pin Receptacle with shorting cap    | -                            | -        | -                            | -                | -                            | -             | -                            | -                         | -             |  3PR-SC |
|             | 3PR-TL 3-Pin with photocontrol               | -                            | -        | -                            | -                | ✓                            | -             | ✓                            | -                         | -             |  3PR-TL |

## COVERAGE PATTERNS FOR SCP\_F





# VIPER Area/Site

VIPER LUMINAIRE

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## PROGRAMMED CONTROLS

### ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

| ADD Control Options | Configurations Choices | Example Choice Picked                    |
|---------------------|------------------------|------------------------------------------|
| Auto-Dim Options    | 1-9 Hours              | 6 - Delay 6 hours                        |
| Auto-Dim Brightness | 10-100% Brightness     | 5 - Dim to 50% brightness                |
| Auto-Dim Return     | Delay 0-9 Hours        | R6 - Return to full output after 6 hours |

### ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

| ADD Control Options | Configurations Choices | Example Choice Picked             |
|---------------------|------------------------|-----------------------------------|
| Auto-Dim Options    | 12-3 AM and 6-11 PM    | 6 - Dim at 6PM                    |
| Auto-Dim Brightness | 10-100% Brightness     | 5 - Dim to 50%                    |
| Auto-Dim Return     | 12-6 AM and 9-11P      | R6 - Return to full output at 6AM |

## ORDERING GUIDE

| Auto Dim Code | Timer Base (ADD) Auto-Dim Options |    | Auto Dim Cod | Time of Day (ADT) Auto-Dim Options | Code | Auto-Dim Brightness | Code | Auto-Dim Return Options | Code | Auto-Dim Brightness |
|---------------|-----------------------------------|----|--------------|------------------------------------|------|---------------------|------|-------------------------|------|---------------------|
| D1            | Delay 1 hour                      | OR | T0           | Delay Midnight                     | 0    | 100% Brightness     | R1   | Delay 1 hour or 1 AM    | 0    | 100% Brightness     |
| D2            | Delay 2 hours                     |    | T1           | Delay 1 AM                         | 1    | 10% Brightness      | R2   | Delay 2 hours or 2 AM   | 1    | 10% Brightness      |
| D3            | Delay 3 hours                     |    | T2           | Delay 2 AM                         | 2    | 20% Brightness      | R3   | Delay 3 hours or 3 AM   | 2    | 20% Brightness      |
| D4            | Delay 4 hours                     |    | T3           | Delay 3 AM                         | 3    | 30% Brightness      | R4   | Delay 4 hours or 4 AM   | 3    | 30% Brightness      |
| D5            | Delay 5 hours                     |    | T4           | Delay 10 PM                        | 4    | 40% Brightness      | R5   | Delay 5 hours or 5 AM   | 4    | 40% Brightness      |
| D6            | Delay 6 hours                     |    | T5           | Delay 11 PM                        | 5    | 50% Brightness      | R6   | Delay 6 hours or 6 AM   | 5    | 50% Brightness      |
| D7            | Delay 7 hours                     |    | T6           | Delay 6 PM                         | 6    | 60% Brightness      | R7   | Delay 7 hours or 7 AM   | 6    | 60% Brightness      |
| D8            | Delay 8 hours                     |    | T7           | Delay 7 PM                         | 7    | 70% Brightness      | R8   | Delay 8 hours or 8 AM   | 7    | 70% Brightness      |
| D9            | Delay 9 hours                     |    | T8           | Delay 8 PM                         | 8    | 80% Brightness      | R9   | Delay 9 hours or 9 AM   | 8    | 80% Brightness      |
| D0            | Delay 0 hours                     |    | T9           | Delay 9 PM                         | 9    | 90% Brightness      | R0   | Delay 0 hours or 12 AM  | 9    | 90% Brightness      |

## DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on [www.Currentlighting.com](http://www.Currentlighting.com)

## PROJECTED LUMEN MAINTENANCE

| Ambient Temp. | 0    | 25,000 | *TM-21-11 36,000 | 50,000 | 100,000 | Calculated L <sub>70</sub> (Hours) |
|---------------|------|--------|------------------|--------|---------|------------------------------------|
| 25°C / 77°F   | 1.00 | 0.97   | 0.96             | 0.95   | 0.91    | 408,000                            |
| 40°C / 104°F  | 0.99 | 0.96   | 0.95             | 0.94   | 0.89    | 356,000                            |

## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| Ambient Temperature |       | Lumen Multiplier | Strike Lumen Multiplier        |                      |        |        |
|---------------------|-------|------------------|--------------------------------|----------------------|--------|--------|
|                     |       |                  | CCT                            | 70 CRI               | 80 CRI | 90 CRI |
| 0°C                 | 32°F  | 1.03             | 2700K                          | 0.9                  | 0.81   | 0.62   |
| 10°C                | 50°F  | 1.01             | 3000K                          | 0.933                | 0.853  | 0.659  |
| 20°C                | 68°F  | 1.00             | 3500K                          | 0.959                | 0.894  | 0.711  |
| 25°C                | 77°F  | 1.00             | 4000K                          | 1                    | 0.9    | 0.732  |
| 30°C                | 86°F  | 0.99             | 5000K                          | 1                    | 0.9    | 0.732  |
| 40°C                | 104°F | 0.98             | Monochromatic Amber Multiplier |                      |        |        |
|                     |       |                  | Amber                          | See Amber Spec Sheet |        |        |

# VIPER Area/Site

VIPER LUMINAIRE

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## ELECTRICAL DATA: STRIKE

| # OF LEDS         | 36             |      |      |       |       |
|-------------------|----------------|------|------|-------|-------|
| NOMINAL WATTAGE   | 39             | 55   | 85   | 105   | 120   |
| SYSTEM POWER (W)  | 39.6           | 56.8 | 83.6 | 108.2 | 120.9 |
| INPUT VOLTAGE (V) | CURRENT (Amps) |      |      |       |       |
| 120               | 0.33           | 0.46 | 0.71 | 0.88  | 0.96  |
| 208               | 0.19           | 0.26 | 0.41 | 0.50  | 0.55  |
| 240               | 0.16           | 0.23 | 0.35 | 0.44  | 0.48  |
| 277               | 0.14           | 0.20 | 0.31 | 0.38  | 0.42  |
| 347               | 0.11           | 0.16 | 0.24 | 0.30  | 0.33  |
| 480               | 0.08           | 0.11 | 0.18 | 0.22  | 0.24  |

| # OF LEDS         | 72             |       |       |       |       |
|-------------------|----------------|-------|-------|-------|-------|
| NOMINAL WATTAGE   | 115            | 145   | 180   | 210   | 240   |
| SYSTEM POWER (W)  | 113.7          | 143.2 | 179.4 | 210.2 | 241.7 |
| INPUT VOLTAGE (V) | CURRENT (Amps) |       |       |       |       |
| 120               | 1.00           | 1.21  | 1.50  | 1.75  | 1.79  |
| 208               | 0.58           | 0.70  | 0.87  | 1.01  | 1.03  |
| 240               | 0.50           | 0.60  | 0.75  | 0.88  | 0.90  |
| 277               | 0.43           | 0.52  | 0.65  | 0.76  | 0.78  |
| 347               | 0.35           | 0.42  | 0.52  | 0.61  | 0.62  |
| 480               | 0.25           | 0.30  | 0.38  | 0.44  | 0.45  |

| # OF LEDS         | 108            |       |       |       |       |
|-------------------|----------------|-------|-------|-------|-------|
| NOMINAL WATTAGE   | 215            | 250   | 280   | 325   | 365   |
| SYSTEM POWER (W)  | 214.8          | 250.8 | 278.3 | 324.7 | 362.6 |
| INPUT VOLTAGE (V) | CURRENT (Amps) |       |       |       |       |
| 120               | 2.00           | 2.08  | 2.33  | 3.04  | 2.67  |
| 208               | 1.15           | 1.20  | 1.35  | 1.75  | 1.54  |
| 240               | 1.00           | 1.04  | 1.17  | 1.52  | 1.33  |
| 277               | 0.87           | 0.90  | 1.01  | 1.32  | 1.16  |
| 347               | 0.69           | 0.72  | 0.81  | 1.05  | 0.92  |
| 480               | 0.50           | 0.52  | 0.58  | 0.76  | 0.67  |

| # OF LEDS         | 162            |       |       |       |       |       |
|-------------------|----------------|-------|-------|-------|-------|-------|
| NOMINAL WATTAGE   | 320            | 365   | 405   | 445   | 485   | 545   |
| SYSTEM POWER (W)  | 322.1          | 362.6 | 403.6 | 445.1 | 487.1 | 543.9 |
| INPUT VOLTAGE (V) | CURRENT (Amps) |       |       |       |       |       |
| 120               | 2.71           | 2.67  | 3.38  | 3.71  | 4.04  | 4.54  |
| 208               | 1.56           | 1.54  | 1.95  | 2.14  | 2.33  | 2.62  |
| 240               | 1.35           | 1.33  | 1.69  | 1.85  | 2.02  | 2.27  |
| 277               | 1.17           | 1.16  | 1.46  | 1.61  | 1.75  | 1.97  |
| 347               | 0.94           | 0.92  | 1.17  | 1.28  | 1.40  | 1.57  |
| 480               | 0.68           | 0.67  | 0.84  | 0.93  | 1.01  | 1.14  |

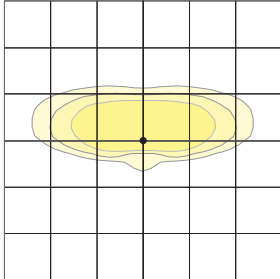
# VIPER Area/Site

VIPER LUMINAIRE

## OPTIC STRIKE PHOTOMETRY

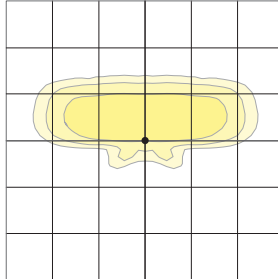
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

**Type FR – Front Row/Auto Optic**



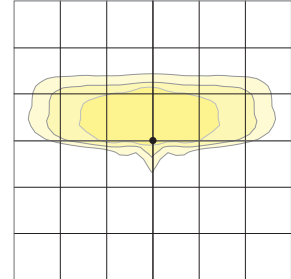
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 2**



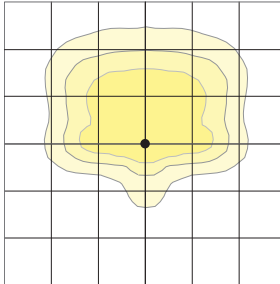
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 3**



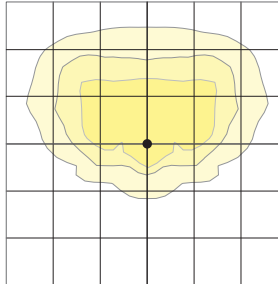
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 4 Forward**



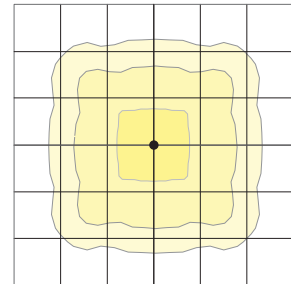
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 4 Wide**



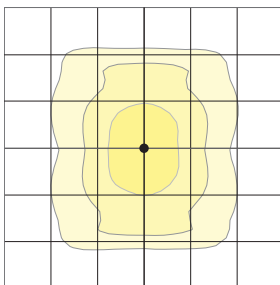
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 5QM**



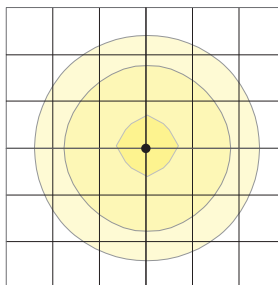
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 5RW (rectangular)**



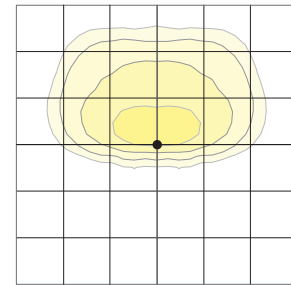
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 5W (round wide)**



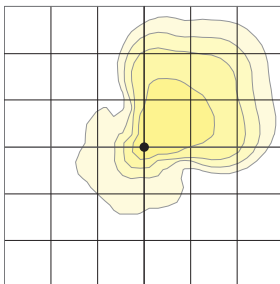
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type TC**



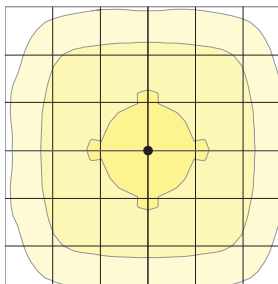
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type Corner**



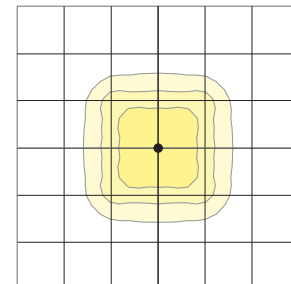
Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 5QW**



Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

**Type 5QN**

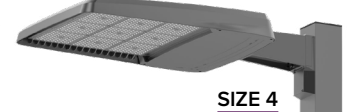


Mounting Height: 20 ft  
Scale: 1 inch = 20 ft

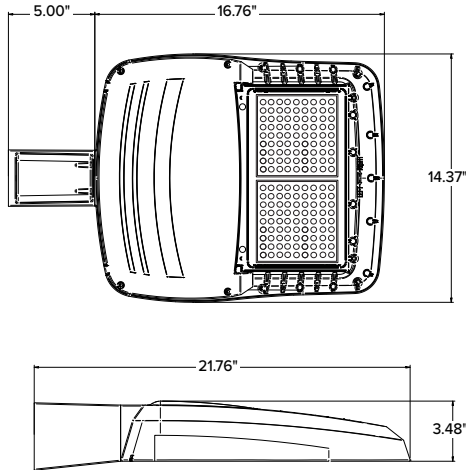
# VIPER Area/Site

VIPER LUMINAIRE

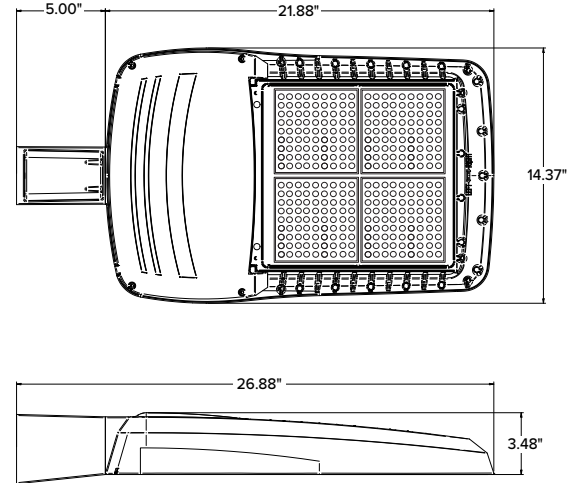
## DIMENSIONS



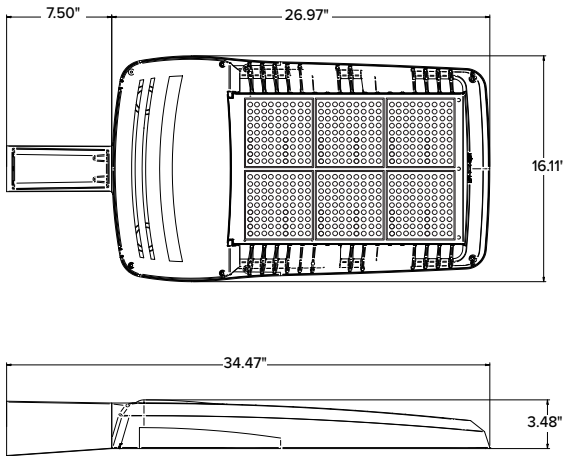
### SIZE 1



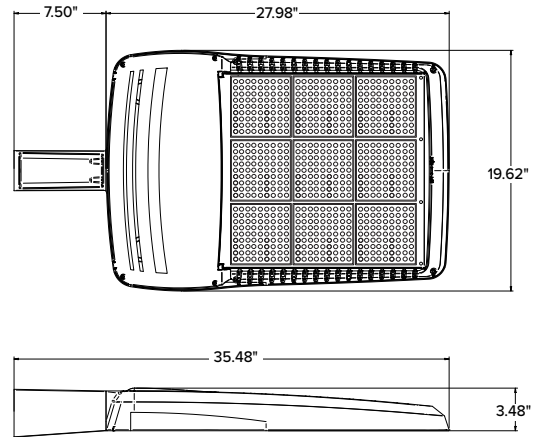
### SIZE 2



### SIZE 3



### SIZE 4



|                | EPA          |              |              |              | Config.                                                                             |
|----------------|--------------|--------------|--------------|--------------|-------------------------------------------------------------------------------------|
|                | VP1 (Size 1) | VP2 (Size 2) | VP3 (Size 3) | VP4 (Size 4) |                                                                                     |
| 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        |  |

|              | Weight |      |
|--------------|--------|------|
|              | lbs    | kgs  |
| VP1 (Size 1) | 13.7   | 6.2  |
| VP2 (Size 2) | 16.0   | 7.26 |
| VP3 (Size 3) | 25.9   | 11.7 |
| VP4 (Size 4) | 30.8   | 13.9 |

# VIPER Area/Site

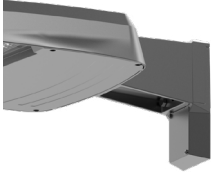
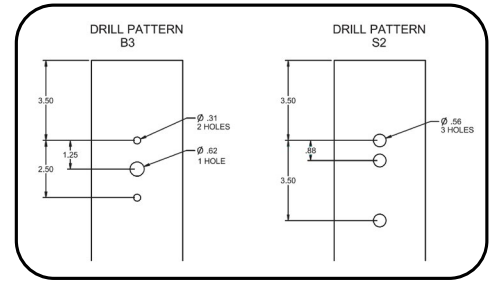
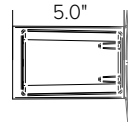
VIPER LUMINAIRE

## MOUNTING



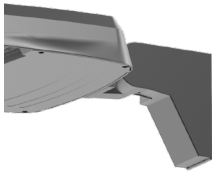
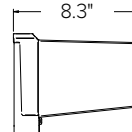
### A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



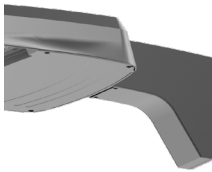
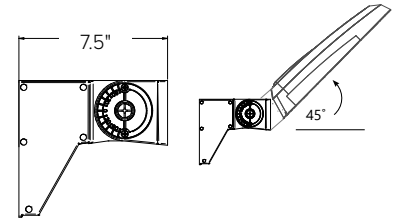
### ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



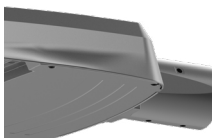
### AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



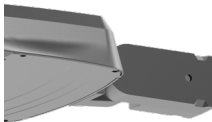
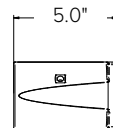
### ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



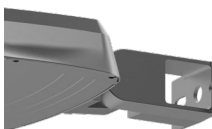
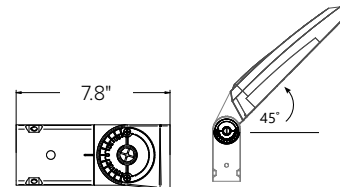
### MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



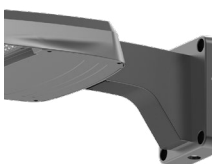
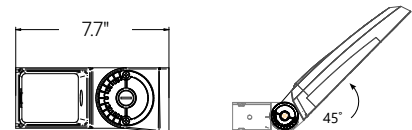
### K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



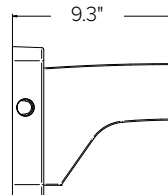
### T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



### WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



# VIPER Area/Site

VIPER LUMINAIRE

## ADDITIONAL INFORMATION (CONTINUED)

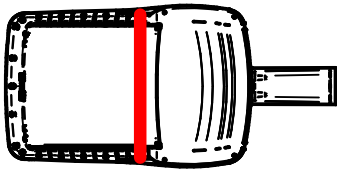
### HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

HSS has a depth of 5" for all Viper sizes  
 Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

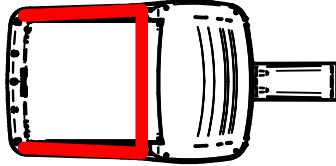


Viper size 3 shown with:  
VPR2x HSS-360-XX

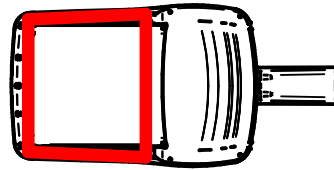
VPR2x HSS-90-B-xx



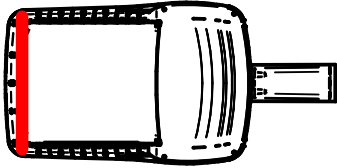
VPR2x HSS-270-BSS-xx



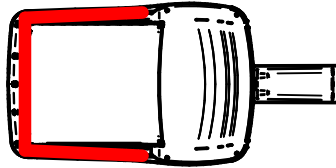
VPR2x HSS-360-xx



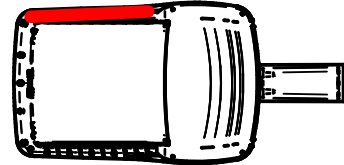
VPR2x HSS-90-F-xx



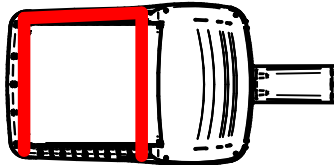
VPR2x HSS-270-FSS-xx



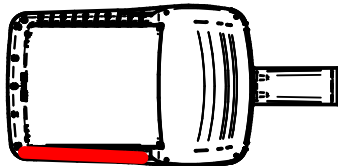
VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx

