



## ALPR-O

### Architectural LED Perimeter Lighting



ALPR-O enhances interior architectural design by defining perimeters with elegant accent lighting. It creates a striking contrast between the illuminated center and edges of a space while seamlessly transitioning from light to shadow where walls meet ceilings. Designed for easy installation, it offers flexible mounting options, including threaded-rod and wall mounts. Available in flush, 2", 4", or 6" regressed optics, it also features optional telescoping sections to ensure a perfect fit in corner applications.

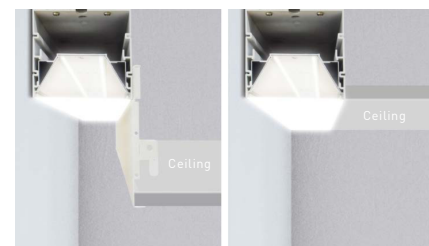
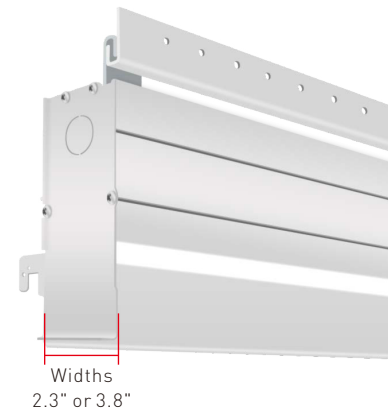
### Feature

- UL and cUL listed. Suitable for Damp Locations
- Standard fixture length options: 2', 3' and 4'
- 2.3" and 3.8" width options
- Standard Flush, 2", 4", and 6" regressed depth options
- Adjustable illuminated telescoping (1"~13") for on-site flexibility
- Compatible for drywall & T-grid ceiling
- Continuous run supported, up to 40ft in 120V AC, 100ft in 277V AC
- Lumen output: 500lm/ft, 750lm/ft and 1000lm/ft
- Field adjustable CCT: 3000K, 3500K, 4000K
- 5 years limited warranty

### PERFORMANCE

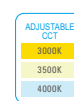
| Width   | Length | Wattage Selectable | Efficacy        | Lumen Output | CCT Adjustable    |
|---------|--------|--------------------|-----------------|--------------|-------------------|
| 2.3inch | 2FT    | 20W/15W/10W        | Up to 1000lm/ft | Up to 2000LM | 3000K/3500K/4000K |
|         | 3FT    | 30W/23W/15W        |                 | Up to 3000LM |                   |
|         | 4FT    | 40W/30W/20W        |                 | Up to 4000LM |                   |
| 3.8inch | 2FT    | 20W/15W/10W        | Up to 1100lm/ft | Up to 2200LM | 3000K/3500K/4000K |
|         | 3FT    | 30W/23W/15W        |                 | Up to 3300LM |                   |
|         | 4FT    | 40W/30W/20W        |                 | Up to 4400LM |                   |

Remark:  
Lumens are subject to diffuser with maximum wattage, 4000K with white finish only.  
Lumen output may vary  $\pm$  5% base on different CCT and wattage. Actual wattage may vary  $\pm$  5%.



Regressed Version

Flush Version





## ALPR-O

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### PRODUCT ORDERING GUIDE

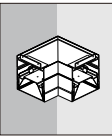
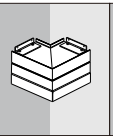
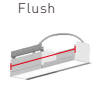
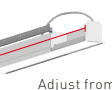
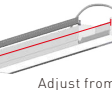
Example: ALPR-O-4B-WH-40W-D10-90TW-D-DF-4T

Default Settings: Maximum wattage and 4000K.

| ALPR-O             |                   |          | WH     |                             |                                                            | 90      | TW                                      | D                     | DF        |                 |                                               |
|--------------------|-------------------|----------|--------|-----------------------------|------------------------------------------------------------|---------|-----------------------------------------|-----------------------|-----------|-----------------|-----------------------------------------------|
| Product Series     | Length            | Width    | Finish | Wattage                     | 0-10V Dim                                                  | CRI     | CCT                                     | Lighting Distribution | Down Lens | Regressed Depth | Ceiling Type                                  |
| ALPR-O             | 2                 | B        | WH     | 20W                         | D10                                                        | 90      | TW                                      | D                     | DF        | F               | T                                             |
| Architectural LED  | 2 Feet Individual | 2.3 Inch | White  | Up to 20w<br>2200lm for 2ft | 110-277V AC<br>Dims to 10%                                 | 90+ CRI | CCT Adjustable<br>3000K/3500K/<br>4000K | 100% Downlight        | Diffuser  | Flush           | Drywall<br>(Trim Flange) or<br>T-Grid Ceiling |
| Perimeter Lighting | 3                 | W        |        | 30W                         | Tested Dimmers:<br>Lutron Diva-Dvtv,<br>Leviton IP-710-DL. |         |                                         |                       |           | 2               |                                               |
|                    | 3 Feet Individual | 3.8 Inch |        | Up to 30w<br>3300lm for 3ft |                                                            |         |                                         |                       |           | 4               | L                                             |
|                    | 4                 |          |        | 40W                         | D01                                                        |         |                                         |                       |           | 6               | Drywall<br>(Trimless)                         |
|                    | 4 Feet Individual |          |        | Up to 40w<br>4400lm for 4ft | 110-277V AC<br>Dim to 1%                                   |         |                                         |                       |           |                 |                                               |

Damp rated for ambient operating temperature of -20°C to +40°C [-4° to +104°F]

### OPTIONAL PARTS

| Inside Corner                                                                                                                                                                        | Outside Corner                                                                                                                                                                        | Optional Pre-assembled Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rolling Lens                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <br><b>CI</b><br>2.3" or 3.8" width inside corner with flush, 2", 4" or 6" regressed depth options. | <br><b>CO</b><br>2.3" or 3.8" width outside corner with flush, 2", 4" or 6" regressed depth options. | <p><b>1T</b> Make to Order<br/>1FT+Telescoping Section<br/>2.3" or 3.8" width with flush, 2", 4" or 6" regressed depth options.</p>  <p>Adjust from 13" - 25"</p> <p><b>2T</b><br/>2FT+Telescoping Section<br/>2.3" or 3.8" width with flush, 2", 4" or 6" regressed depth options.</p>  <p>Adjust from 24 1/2" - 36 1/2"</p> <p><b>3T</b><br/>3FT+Telescoping Section<br/>2.3" or 3.8" width with flush, 2", 4" or 6" regressed depth options.</p>  <p>Adjust from 36 1/2" - 48 1/2"</p> | <br>40' Continuous Rolling Lens |

### CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: ALPR-O-SO18-B-D10-4T

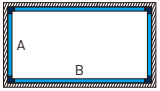
| SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)                                                             | Width         | 0-10V Dim                                                  | Regressed Depth | Ceiling Type                                       |
|-------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------|-----------------|----------------------------------------------------|
| ALPR-O-C___ Continuous Run Section (Enter Length A, ex. C18)                                                | B<br>2.3 Inch | D10<br>110-277V AC<br>Dims to 10%                          | F<br>Flush      | T<br>Drywall<br>(Trim Flange) or<br>T-Grid Ceiling |
| ALPR-O-SI___ Square Configuration With Inside Corner (Enter Side Length A, ex. SI18)                        | W<br>3.8 Inch | Tested Dimmers:<br>Lutron Diva-Dvtv,<br>Leviton IP-710-DL. | 2<br>2Inch      |                                                    |
| ALPR-O-SO___ Square Configuration With Outside Corner (Enter Side Length A, ex. SO18)                       |               |                                                            | 4<br>4Inch      | L<br>Drywall<br>(Trimless)                         |
| ALPR-O-RI___ Rectangular Configuration With Inside Corner (Enter Side Lengths A and B, ex. RI 12/24)        |               | D01<br>110-277V AC<br>Dim to 1%                            | 6<br>6Inch      |                                                    |
| ALPR-O-RO___ Rectangular Configuration With Outside Corner (Enter Side Lengths A and B, ex. RO12/24)        |               |                                                            |                 |                                                    |
| ALPR-O-LI___ L-Shaped Configuration With Inside Corner (Enter Side Lengths A and B, ex. LI12/24)            |               |                                                            |                 |                                                    |
| ALPR-O-LO___ L-Shaped Configuration With Outside Corner (Enter Side Lengths A and B, ex. LO12/24)           |               |                                                            |                 |                                                    |
| ALPR-O-UI___ U-Shaped Configuration With Inside Corner (Enter Side Lengths A, B and C, ex. UI18/ 12/24)     |               |                                                            |                 |                                                    |
| ALPR-O-UO___ U-Shaped Configuration With Outside Corner (Enter Side Lengths A,B and C, ex. UO18/ 12/24)     |               |                                                            |                 |                                                    |
| ALPR-O-ZI___ Z-Shaped Configuration Inside → Outside Corner (Enter Side Lengths A,B and C, ex. ZI18/ 14/14) |               |                                                            |                 |                                                    |
| ALPR-O-ZO___ Z-Shaped Configuration Outside → Inside Corner (Enter Side Lengths A,B and C, ex. ZO18/ 14/14) |               |                                                            |                 |                                                    |



(C)  
Continuous Run



(SI)  
Square  
(Inside Corner)



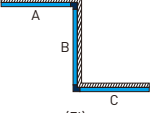
(RI)  
Rectangular  
(Inside Corner)



(LI)  
L-Shaped  
(Inside Corner)



(UI)  
U-Shaped  
(Inside Corner)



(ZI)  
Z-Shaped  
(Inside → Outside Corner)



(SO)  
Square  
(Outside Corner)



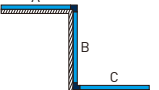
(RO)  
Rectangular  
(Outside Corner)



(LO)  
L-Shaped  
(Outside Corner)



(UO)  
U-Shaped  
(Outside Corner)



(ZO)  
Z-Shaped  
(Outside → Inside Corner)



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Architectural LED Perimeter Lighting

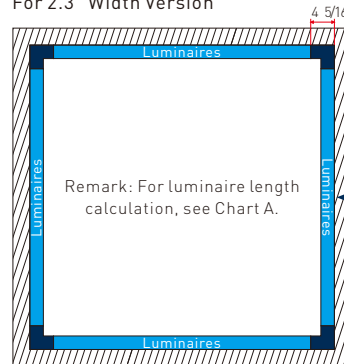
### CUSTOM LINE OR SHAPE ORDERING GUIDE

How to calculate the luminaire length of each runs Chart A?

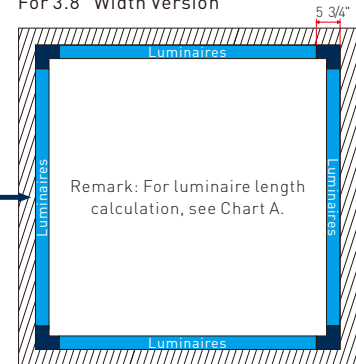
| Total Length of Each Runs(Inch) |            | Fixtures Used                             |
|---------------------------------|------------|-------------------------------------------|
| Min Length                      | Max Length |                                           |
| 13                              | 25         | 1'+Telescoping                            |
| 24 1/2                          | 36 1/2     | 2'+Telescoping                            |
| 36 1/2                          | 48 1/2     | 3'+Telescoping                            |
| 48                              | 60         | 2'+2'+Telescoping                         |
| 60                              | 72         | 3'+2'+Telescoping                         |
| 71 1/2                          | 83 1/2     | 2'+2'+2'+Telescoping                      |
| 83 1/2                          | 95 1/2     | 2'+3'+2'+Telescoping                      |
| 95 1/2                          | 107 1/2    | 2'+4'+2'+Telescoping                      |
| 107 1/2                         | 119 1/2    | 3'+4'+2'+Telescoping                      |
| 119                             | 131        | 2'+3'+3'+2'+Telescoping                   |
| 131                             | 143        | 2'+3'+4'+2'+Telescoping                   |
| 143                             | 155        | 2'+4'+4'+2'+Telescoping                   |
| 155                             | 167        | 3'+4'+4'+2'+Telescoping                   |
| 166 1/2                         | 178 1/2    | 2'+2'+4'+4'+2'+Telescoping                |
| 178 1/2                         | 190 1/2    | 2'+3'+4'+4'+2'+Telescoping                |
| 190 1/2                         | 202 1/2    | 3'+3'+4'+4'+2'+Telescoping                |
| 202 1/2                         | 214 1/2    | 3'+4'+4'+4'+2'+Telescoping                |
| 214                             | 226        | 2'+2'+4'+4'+4'+2'+Telescoping             |
| 226                             | 238        | 2'+3'+4'+4'+4'+2'+Telescoping             |
| 238                             | 250        | 3'+3'+4'+4'+4'+2'+Telescoping             |
| 250                             | 262        | 3'+4'+4'+4'+4'+2'+Telescoping             |
| 261 1/2                         | 273 1/2    | 2'+2'+4'+4'+4'+4'+2'+Telescoping          |
| 273 1/2                         | 285 1/2    | 2'+3'+4'+4'+4'+4'+2'+Telescoping          |
| 285 1/2                         | 297 1/2    | 3'+3'+4'+4'+4'+4'+2'+Telescoping          |
| 297 1/2                         | 309 1/2    | 3'+4'+4'+4'+4'+4'+2'+Telescoping          |
| 309                             | 321        | 2'+2'+4'+4'+4'+4'+4'+2'+Telescoping       |
| 321                             | 333        | 2'+3'+4'+4'+4'+4'+4'+2'+Telescoping       |
| 333                             | 345        | 3'+3'+4'+4'+4'+4'+4'+2'+Telescoping       |
| 345                             | 357        | 3'+4'+4'+4'+4'+4'+4'+2'+Telescoping       |
| 356 1/2                         | 368 1/2    | 2'+2'+4'+4'+4'+4'+4'+4'+2'+Telescoping    |
| 368 1/2                         | 380 1/2    | 2'+3'+4'+4'+4'+4'+4'+4'+2'+Telescoping    |
| 380 1/2                         | 392 1/2    | 3'+3'+4'+4'+4'+4'+4'+4'+2'+Telescoping    |
| 392 1/2                         | 404 1/2    | 3'+4'+4'+4'+4'+4'+4'+4'+2'+Telescoping    |
| 404                             | 416        | 2'+2'+4'+4'+4'+4'+4'+4'+4'+2'+Telescoping |
| 416                             | 428        | 2'+3'+4'+4'+4'+4'+4'+4'+4'+2'+Telescoping |
| 428                             | 440        | 3'+3'+4'+4'+4'+4'+4'+4'+4'+2'+Telescoping |
| 440                             | 452        | 3'+4'+4'+4'+4'+4'+4'+4'+4'+2'+Telescoping |

For configurations provide nominal total length. Actual length calculated by factory. Please provide drawings to clearly illustrate corners and wall dimensions.

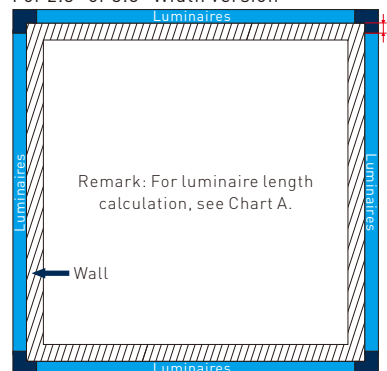
Square Pattern With Inside Corner For 2.3" Width Version



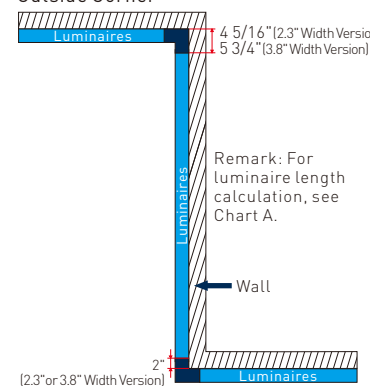
Square Pattern With Inside Corner For 3.8" Width Version



Square Pattern With Outside Corner For 2.3" or 3.8" Width Version



Custom Pattern With Inside And Outside Corner





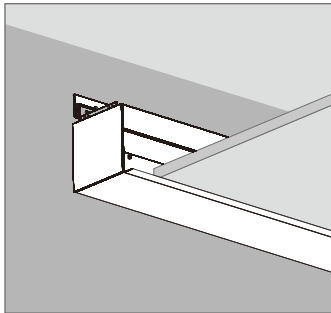
## ALPR-O

Architectural LED Perimeter Lighting

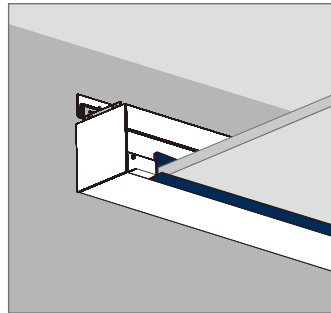
### FLUSH VERSION CEILING TYPE

#### Flanged Trim

Option 1: Mount by flanged trim in Dry ceiling.

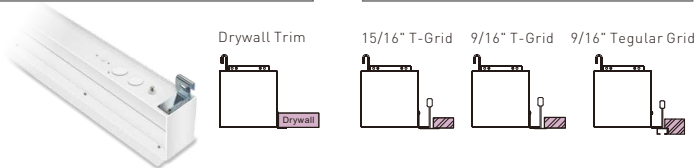
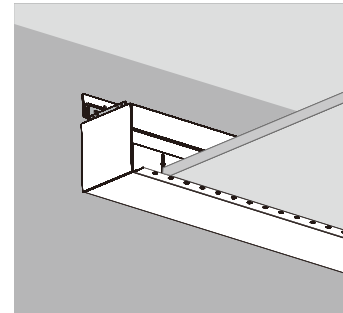


Option 2: Mount by flanged trim in T-grid ceiling / Drop ceiling.



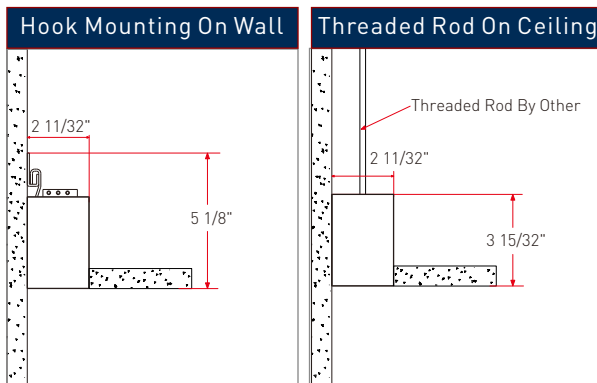
#### Trimless

Mount by trimless flanged kit and need plastering in Dry ceiling.

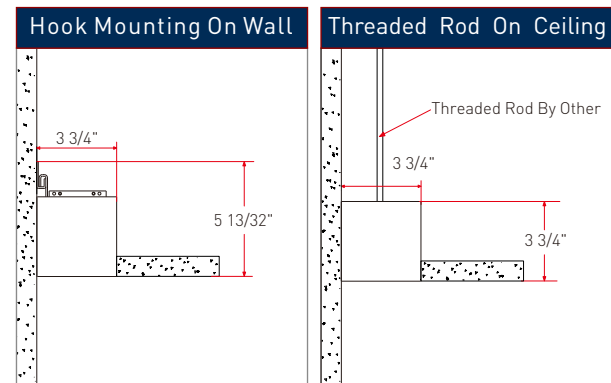


### INSTALLATION

#### 2.3" Width Version (Flush Version)

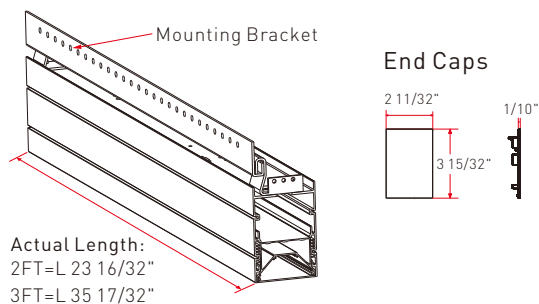


#### 3.8" Width Version (Flush Version)

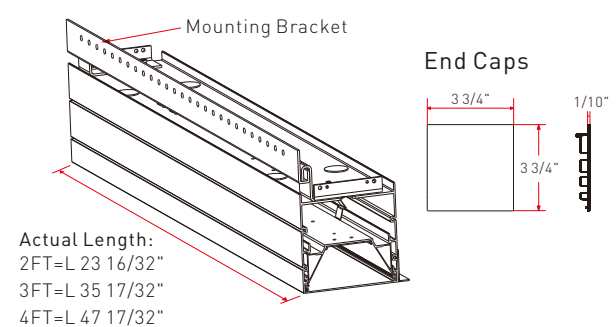


### DIMENSIONS

#### 2.3" Width Version (Flush Version)



#### 3.8" Width Version (Flush Version)





## ALPR-O

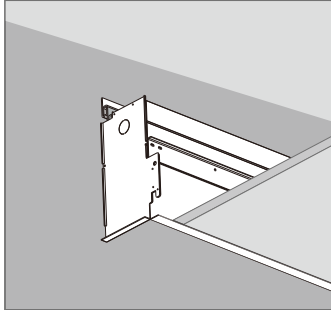
Architectural LED Perimeter Lighting

### REGRESSED VERSION

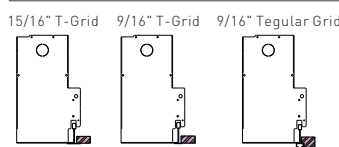
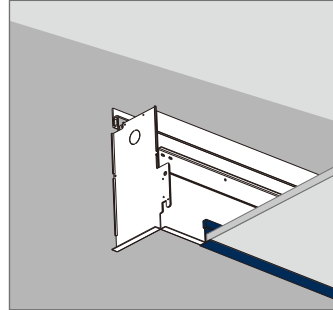
#### CEILING TYPE

##### Flanged Trim

Option 1: Mount by flanged trim in Dry ceiling.

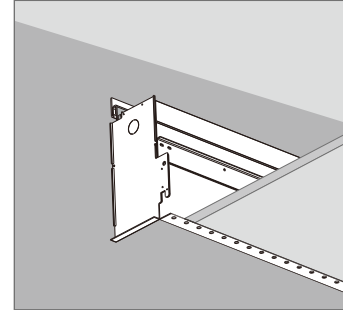


Option 2: Mount by flanged trim in T-grid ceiling / Drop ceiling.



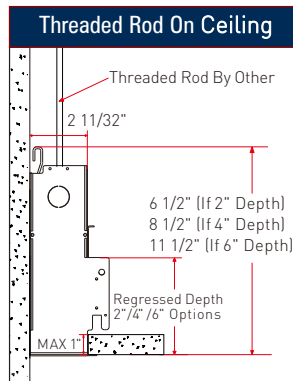
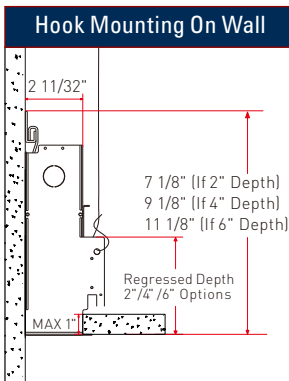
##### Trimless

Mount by trimless flanged kit and need plastering in Dry ceiling.

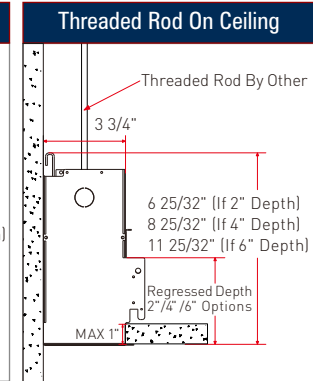
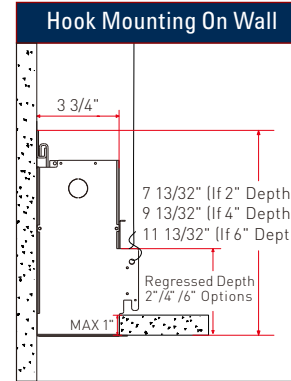


#### INSTALLATION

##### 2.3" Width Version

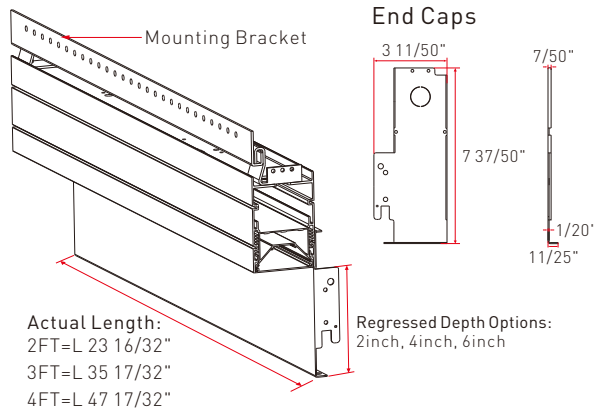


##### 3.8" Width Version

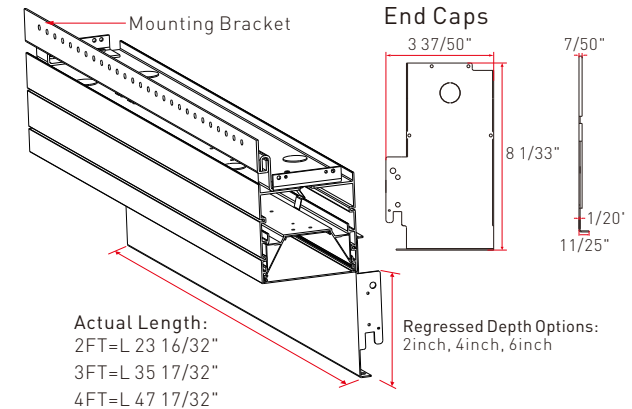


#### DIMENSIONS

##### 2.3" Width Version



##### 3.8" Width Version





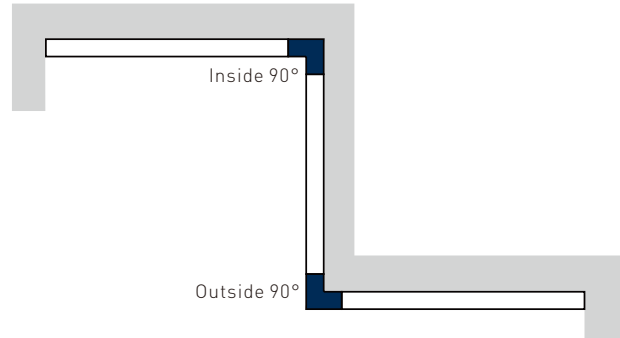
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Architectural LED Perimeter Lighting

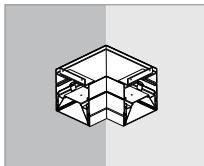
### OPTIONAL PRE-BUILT 90° CORNERS



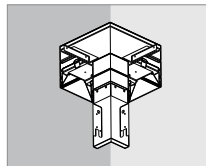
Patterns can be customized with illuminated 90° inside or outside corners. These fully illuminated, factory-built corners come in an all-in-one box for easy, streamlined installation.



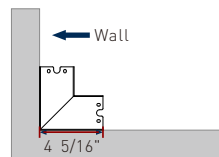
#### INSIDE CORNER



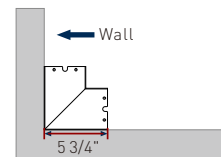
Flush Version



Regressed Version

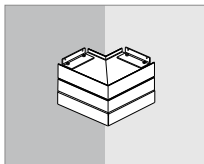


2.3" Width Version

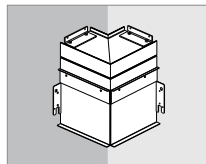


3.8" Width Version

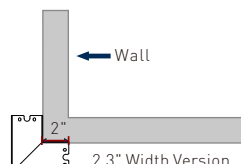
#### OUTSIDE CORNER



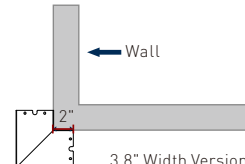
Flush Version



Regressed Version



2.3" Width Version

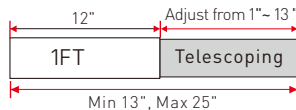


3.8" Width Version

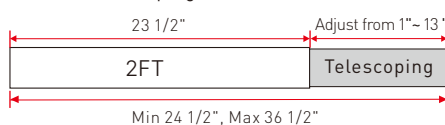
### OPTIONAL PRE-ASSEMB CONFIGURATION

An adjustable, illuminated telescoping section designed for seamless corner applications. This flexible extension allows for precise customization to the run length for a perfect fit against adjacent walls. It comes pre-assembled with its one adjacent fixtures before delivery normally for easy installation.

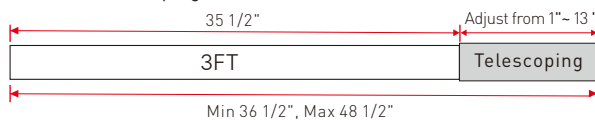
#### 1T: 1FT+Telescoping Section



#### 2T: 2FT+Telescoping Section



#### 3T: 3FT+Telescoping Section

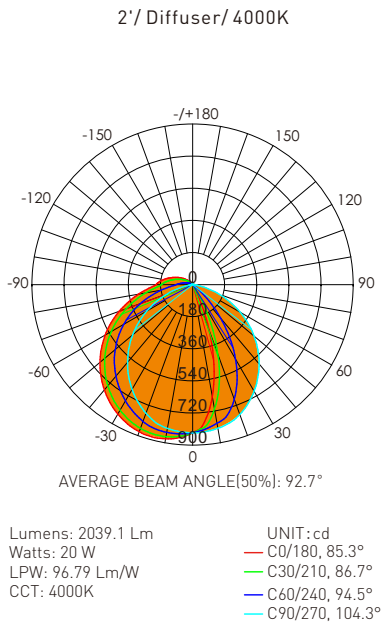




## ALPR-O

Architectural LED Perimeter Lighting

### DISTRIBUTION DIAGRAM



Zonal Flux Diagram

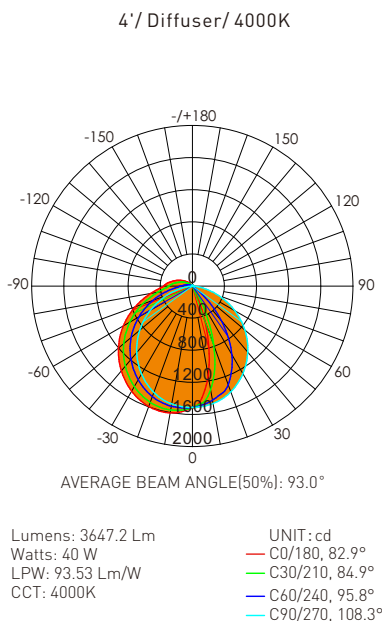
| τ   | C0                    | C45   | C90   | C135  | C180  |
|-----|-----------------------|-------|-------|-------|-------|
| 10  | 638.3                 | 763.1 | 817.6 | 836.4 | 877.6 |
| 20  | 272.3                 | 554.8 | 774.4 | 809.7 | 877.1 |
| 30  | 3.574                 | 270.9 | 689.2 | 752.1 | 838.1 |
| 40  | 0.8313                | 47.05 | 579.7 | 668.5 | 770.1 |
| 50  | 1.033                 | 4.451 | 450.5 | 563.7 | 678.2 |
| 60  | 1.377                 | 3.498 | 306.9 | 441.3 | 565.9 |
| 70  | 1.837                 | 2.896 | 159.0 | 310.4 | 438.3 |
| 80  | 2.489                 | 2.599 | 32.85 | 188.2 | 308.7 |
| 90  | 3.338                 | 2.740 | 2.406 | 126.4 | 205.5 |
| 100 | 4.261                 | 3.621 | 2.167 | 84.80 | 166.3 |
| 110 | 5.148                 | 4.558 | 3.052 | 51.00 | 119.9 |
| 120 | 6.053                 | 5.496 | 4.043 | 26.43 | 78.05 |
| 130 | 6.925                 | 6.440 | 5.039 | 10.27 | 43.73 |
| 140 | 7.706                 | 7.305 | 5.968 | 6.744 | 18.06 |
| 150 | 8.212                 | 7.931 | 6.781 | 6.460 | 3.511 |
| 160 | 8.277                 | 8.204 | 7.456 | 6.677 | 4.608 |
| 170 | 7.791                 | 8.050 | 7.929 | 7.387 | 5.619 |
| 180 | 6.940                 | 7.539 | 8.085 | 8.173 | 6.913 |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |

Zonal Lumens

| τ        | φ total |
|----------|---------|
| 0-10     | 78.04   |
| 10-20    | 291.4   |
| 20-30    | 580.9   |
| 30-40    | 889.7   |
| 40-50    | 1189    |
| 50-60    | 1454    |
| 60-70    | 1662    |
| 70-80    | 1803    |
| 80-90    | 1887    |
| 90-100   | 1945    |
| 100-110  | 1984    |
| 110-120  | 2008    |
| 120-130  | 2022    |
| 130-140  | 2029    |
| 140-150  | 2033    |
| 150-160  | 2036    |
| 160-170  | 2038    |
| 170-180  | 2039    |
| UNIT: lm |         |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85     | 908    | 4324    |
| 80     | 391    | 5306    |
| 75     | 225    | 9800    |
| 70     | 146    | 13036   |
| 65     | 103    | 15361   |
| 60     | 75     | 17218   |
| 55     | 56     | 18588   |
| 50     | 44     | 19655   |
| 45     | 36     | 20505   |



Zonal Flux Diagram

| τ   | C0                    | C45   | C90   | C135  | C180  |
|-----|-----------------------|-------|-------|-------|-------|
| 10  | 1134                  | 1408  | 1484  | 1506  | 1603  |
| 20  | 441.8                 | 1073  | 1401  | 1438  | 1595  |
| 30  | 2.220                 | 563.9 | 1258  | 1317  | 1513  |
| 40  | 1.486                 | 122.3 | 1074  | 1155  | 1377  |
| 50  | 1.807                 | 4.621 | 854.3 | 958.3 | 1203  |
| 60  | 2.359                 | 3.874 | 608.4 | 734.3 | 994.1 |
| 70  | 3.186                 | 3.716 | 351.6 | 500.8 | 760.0 |
| 80  | 4.333                 | 4.010 | 117.5 | 297.4 | 527.7 |
| 90  | 5.772                 | 4.788 | 5.897 | 205.8 | 358.4 |
| 100 | 7.305                 | 6.267 | 4.309 | 134.7 | 292.2 |
| 110 | 8.838                 | 7.828 | 5.946 | 77.7  | 211.2 |
| 120 | 10.38                 | 9.393 | 7.655 | 37.36 | 138.9 |
| 130 | 11.94                 | 11.00 | 9.311 | 12.73 | 78.88 |
| 140 | 13.37                 | 12.53 | 10.84 | 9.743 | 33.58 |
| 150 | 14.23                 | 13.66 | 12.22 | 10.64 | 5.957 |
| 160 | 14.34                 | 14.18 | 13.34 | 11.78 | 7.936 |
| 170 | 13.61                 | 14.04 | 14.09 | 13.19 | 9.827 |
| 180 | 12.14                 | 13.28 | 14.31 | 14.34 | 12.14 |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |

Zonal Lumens

| τ        | φ total |
|----------|---------|
| 0-10     | 142.0   |
| 10-20    | 529.9   |
| 20-30    | 1058    |
| 30-40    | 1625    |
| 40-50    | 2171    |
| 50-60    | 2648    |
| 60-70    | 3015    |
| 70-80    | 3257    |
| 80-90    | 3398    |
| 90-100   | 3493    |
| 100-110  | 3557    |
| 110-120  | 3596    |
| 120-130  | 3618    |
| 130-140  | 3630    |
| 140-150  | 3637    |
| 150-160  | 3642    |
| 160-170  | 3646    |
| 170-180  | 3647    |
| UNIT: lm |         |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85     | 778    | 5741    |
| 80     | 336    | 9526    |
| 75     | 194    | 12355   |
| 70     | 126    | 14473   |
| 65     | 87     | 15956   |
| 60     | 64     | 17128   |
| 55     | 48     | 18016   |
| 50     | 38     | 18709   |
| 45     | 31     | 19269   |

#### Disclaimer:

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