

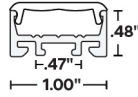
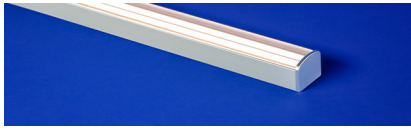


## Test - Chart 1

Field Assembled Extrusion - Surface & Recessed



SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶



- Mid-low profile LED aluminum extrusion
- OPTI offers precision beam control with a range of optics
- Choose from 12 lens options: 40°, 60°, 70°, 90°, 110°, 155°, 180°, Asymmetric, Forward Throw, & Flat with 3 different levels of diffusion
- Ideal for surface-mounted installations
- Integrated metal endcaps combined with an extruded aluminum housing give this fixture a polished modern look

| 1       | 2      | 3        | 4    | 5                 | 6                     |
|---------|--------|----------|------|-------------------|-----------------------|
| PRODUCT | FINISH | MOUNTING | LENS | WIRE INPUT/OUTPUT | EXTRUSION LENGTH (IN) |
| OPTI    |        |          |      | NI                |                       |

Sample Part Number: **OPTI-ST-CC-ASYM-NI-48"**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b><br><b>PRODUCT</b><br>OPTI                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2</b><br><b>FINISH</b><br>ST Satin<br>BK Black<br>WH White<br>CU Custom Color | <b>3</b><br><b>MOUNTING</b><br>CC Concealed Clip<br>MG Magnet<br>Refer to following pages for mounting clip option details and provided quantities. |
| <b>4</b><br><b>LENS</b><br>DF Flat Diffused<br>PR Flat Polar<br>FR Flat Frosted<br>40D Optical 40°<br>60D Optical 60°<br>70D Optical 70°<br>90D Optical 90°<br>110D Optical 110°<br>155D Optical 155°<br>180D Optical 180°<br>ASYM Asymmetric<br>FT Forward Throw<br>N/A For use with SHIELD<br>For representation of LED visibility, see Diode Visibility section on following pages.<br>For beam angles, see Photometric Performance section on following pages. | <b>5</b><br><b>WIRE INPUT/OUTPUT</b><br>NI Not Installed                         | <b>6</b><br><b>EXTRUSION LENGTH (IN)</b><br>1" increments from 1" - 98.43"<br>Tolerance +0.0"/-0.5"                                                 |

## COMPATIBLE LED STRIPS - ONLY CHART 1

|     | STATIC WHITE (SW)                    | STATIC WHITE INDIVIDUALLY ADDRESSABLE (SW-1A) | STATIC WHITE STANDARD (SD-SW)         | STATIC WHITE HIGH EFFICACY (SW-HE)   | STATIC WHITE HIGH EFFICACY PLUS (SW-HE+) | STATIC WHITE EXTREME TEMP (SW-XT) | STATIC WHITE DOUBLE ROW (SW-DR)      | STATIC WHITE HIGH EFFICACY DOUBLE ROW (SW-HE-DR) | DYNAMIC WHITE HIGH EFFICACY (DW-HE) | WARM DIM (WD)          | STATIC COLOR (SC)      | RGB                    | RGBW                   | RGBW HIGH EFFICACY (RGBW-HE) |
|-----|--------------------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------------|
| DRY | ✓<br>W/FT: 15, 3.0, 4.0, 5.0<br>TEST | ✓<br>W/FT: 5.0<br>TEST                        | ✓<br>W/FT: 1.0, 2.0, 4.0, 6.0<br>TEST | ✓<br>W/FT: 15, 3.0, 6.0, 9.0<br>TEST | ✓<br>W/FT: 3.0, 6.0<br>TEST              |                                   | ✓<br>W/FT: 15, 3.0, 4.0, 5.0<br>TEST | ✓<br>W/FT: 15, 3.0, 6.0, 9.0<br>TEST             | ✓<br>W/FT: 15, 2.5, 4.0<br>TEST     | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 5.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 4.0, 8.0<br>TEST  |
| DMP | ✓<br>W/FT: 15, 3.0, 4.0, 5.0<br>TEST |                                               |                                       | ✓<br>W/FT: 15, 3.0, 6.0<br>TEST      |                                          |                                   |                                      |                                                  | ✓<br>W/FT: 15, 2.5<br>TEST          |                        | ✓<br>W/FT: 5.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 4.0<br>TEST       |
| ENC | ✓<br>W/FT: 15, 3.0, 4.0, 5.0<br>TEST |                                               |                                       |                                      |                                          |                                   |                                      |                                                  | ✓<br>W/FT: 15, 2.5<br>TEST          |                        | ✓<br>W/FT: 5.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 4.0<br>TEST       |
| WET | ✓<br>W/FT: 15, 3.0, 4.0, 5.0<br>TEST |                                               | ✓<br>W/FT: 1.0, 2.0, 4.0<br>TEST      | ✓<br>W/FT: 15, 3.0, 6.0<br>TEST      | ✓<br>W/FT: 3.0, 6.0<br>TEST              | ✓<br>W/FT: 3.0<br>TEST            |                                      |                                                  | ✓<br>W/FT: 15, 2.5<br>TEST          | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 5.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST | ✓<br>W/FT: 6.0<br>TEST |                              |

Field modifications must comply with QTL's installation methods otherwise warranty is null & void | Metal end caps

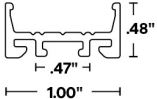
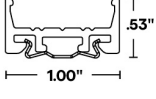
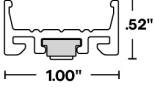
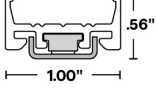
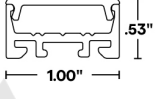
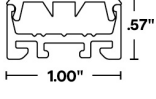
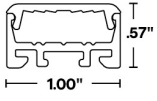
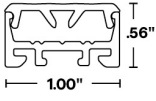
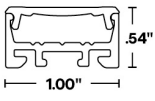
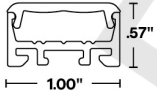
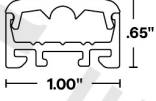
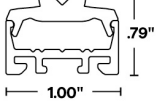
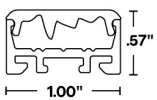
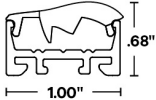


# Test - Chart 1

Field Assembled Extrusion - Surface & Recessed

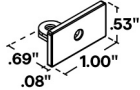
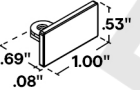
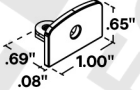
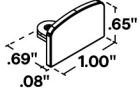
SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

## 1 PRODUCT - DIMENSIONS

|                                                                                                                        |                                                                                                                           |                                                                                                                   |                                                                                                                                                     |                                                                                                                   |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  <p>Profile</p>                       |  <p>Profile with concealed clip</p>      |  <p>Profile with magnet clip</p> |  <p>Profile with magnet mount clip and magnet mount accessory</p> |  <p>Profile with flat lens</p> |  <p>Profile with 40D lens</p>  |
|  <p>Profile with 60D lens</p>         |  <p>Profile with 70D lens</p>            |  <p>Profile with 90D lens</p>    |  <p>Profile with 110D lens</p>                                    |  <p>Profile with 155D lens</p> |  <p>Profile with 180D lens</p> |
|  <p>Profile with asymmetric lens</p> |  <p>Profile with forward throw lens</p> |                                                                                                                   |                                                                                                                                                     |                                                                                                                   |                                                                                                                   |

## END CAPS

One pair of end caps is provided with each length of extrusion ordered.

| Flat end caps                                                                       |                                                                                     | Optical end caps                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |
| Feed                                                                                | No feed                                                                             | Feed                                                                                | No feed                                                                              |
| To order separately, use OPTI-A-EC                                                  | To order separately, use OPTI-A-EC                                                  | To order separately, use OPTI-EC                                                    | To order separately, use OPTI-EC                                                     |
| For use with flat lenses only                                                       | For use with flat lenses only                                                       |                                                                                     |                                                                                      |



# Test - Chart 1

## Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

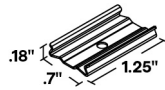
### 2 FINISH



Custom finishes require a longer lead time, consult factory

### 3 MOUNTING

CC  
(CC-01)



Concealed Clip

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-01

Each clips comes with a #4 x 5/8" Flat Head screw.

MG

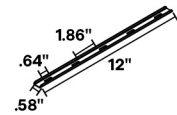


Magnet Clip

One MG provided per foot.

To order separately use MG-02

MMA-02



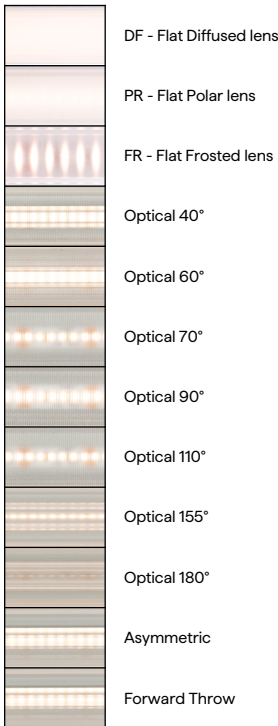
Magnet Mount  
Accessory for MG-02

Sold separately, to order use MMA-02

Each bracket comes with 2 #6 x 5/8 Flat Head SS

Required when mounting to a non-magnetic surface

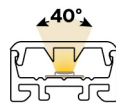
### 4 DIODE VISIBILITY



### PHOTOMETRIC PERFORMANCE

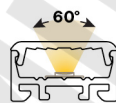
Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see factory built fixture photometric data.

40D



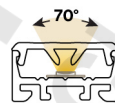
Optical 40°

60D



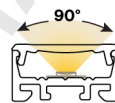
Optical 60°

70D



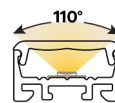
Optical 70°

90D



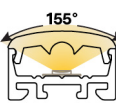
Optical 90°

110D



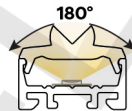
Optical 110°

155D



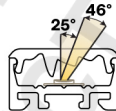
Optical 155°

180D



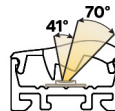
Optical 180°

ASYM



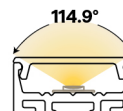
Asymmetric

FT



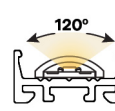
Forward Throw

FR



Frosted Flat Lens

N/A



No Lens  
for use with  
SHIELD



COMPATIBLE ACCESSORIES

|                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                                                                              |                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> | <div>HINGE - HMB-M</div> <div><div>1.41" .71"</div></div> <div>Adjustable mounting bracket - Medium</div> |
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