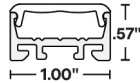
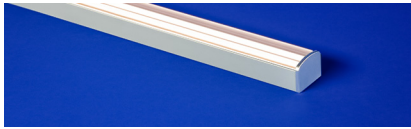




# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed



- Choose from 9 lens options: 40°, 60°, 70°, 90°, 110°, 155°, 180°, Asymmetric, & Forward Throw
- Delivers smooth and consistent light to highlight architectural features and surfaces
- Ideal for surface-mounted or recessed installations
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

1	2	3	4	5	6	7	8	9	10	11	12	13	14
PRODUCT	WATTS/ FT	CCT	RATED	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
OP2SC	5.0												

Sample Part Number: **OP2SC-5.0-GR-DRY-155D-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

<b>1</b> <b>PRODUCT</b> <b>OP2SC</b> See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> <b>5.0</b> 5.0W/ft	<b>3</b> <b>CCT</b> <b>AB</b> Amber <b>BL</b> Blue <b>GR</b> Green <b>RD</b> Red	<b>4</b> <b>RATED</b> <b>DRY</b> <b>DMP</b> IP20 IP54		
<b>5</b> <b>LENS</b> <b>40D</b> Optical 40° <b>60D</b> Optical 60° <b>70D</b> Optical 70° <b>90D</b> Optical 90° <b>110D</b> Optical 110° <b>155D</b> Optical 155° <b>180D</b> Optical 180°  <b>ASYM</b> Asymmetric <b>FT</b> Forward Throw  40D, 60D, 70D, 90D, 110D, 155D, 180D, and ASYM are offered in 44.9" lengths. For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages.	<b>6</b> <b>WIRE INPUT/OUTPUT</b> <b>S1</b> Single 1 (Input only) - End Feed <b>S2</b> Single 2 (Input only) - Bottom Feed  <b>P1</b> Pass Through 1 (Input/output) - End Feed <b>P2</b> Pass Through 2 (Input/output) - Bottom Feed  <b>S1A</b> Single 1 (Input only) - End Feed <b>S1B</b> Single 1 (Input only) - End Feed <b>S2A</b> Single 2 (Input only) - Bottom Feed <b>S2B</b> Single 2 (Input only) - Bottom Feed  <b>P1A</b> Pass Through 1 (Input/output) - End Feed <b>P1B</b> Pass Through 1 (Input/output) - End Feed <b>P2A</b> Pass Through 2 (Input/output) - Bottom Feed <b>P2B</b> Pass Through 2 (Input/output) - Bottom Feed	<b>7</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>8</b> <b>CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  <b>CLS</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"		
<b>9</b> <b>WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black	<b>10</b> <b>WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b> <b>CC</b> Concealed Clip <b>MG</b> Magnet	<b>12</b> <b>FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>WH</b> White <b>CU</b> Custom  Custom finishes have longer lead times. Non-RAL 9003 whites custom.	<b>13</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14</b> <b>EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> Exact Specified Length  Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end.

For continuous mounting, consider bottom feed.

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

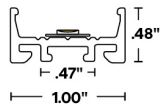
BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



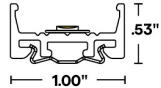
# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

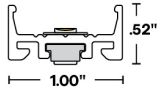
## 1 PRODUCT - DIMENSIONS



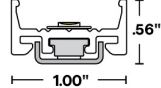
Profile



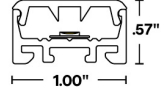
Profile with concealed clip



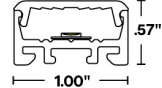
Profile with magnet clip



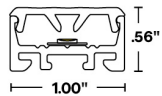
Profile with magnet mount clip and magnet mount accessory



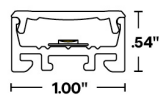
Profile with 40D lens



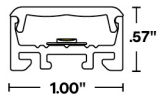
Profile with 60D lens



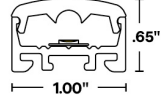
Profile with 70D lens



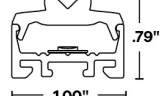
Profile with 90D lens



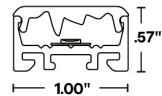
Profile with 110D lens



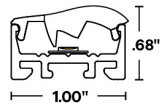
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with forward throw lens

## 2 DELIVERED LUMENS

[Calculated L70 = 50000 hrs]  
Tested with OP2SC-5.0-\*\*-DRY-STD

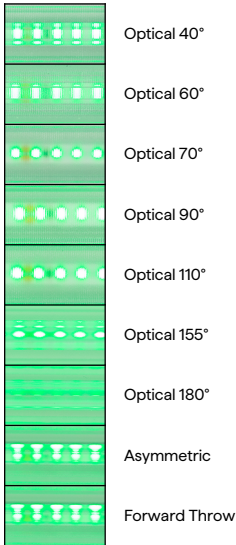
	Red		Green		Blue		Amber	
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
40D	114	634	473	516	121	465	84	596
60D	100	635	431	515	102	466	80	595
70D	105	635	447	516	108	466	81	595
90D	103	635	443	516	105	466	80	595
110D	105	634	438	516	111	466	79	596
155D	108	634	437	516	112	466	79	595
180D	103	635	433	516	111	465	80	595
ASYM	104	635	445	516	106	466	81	595
FT	112	631	390	516	97	465	75	596



# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

## 5 DIODE VISIBILITY

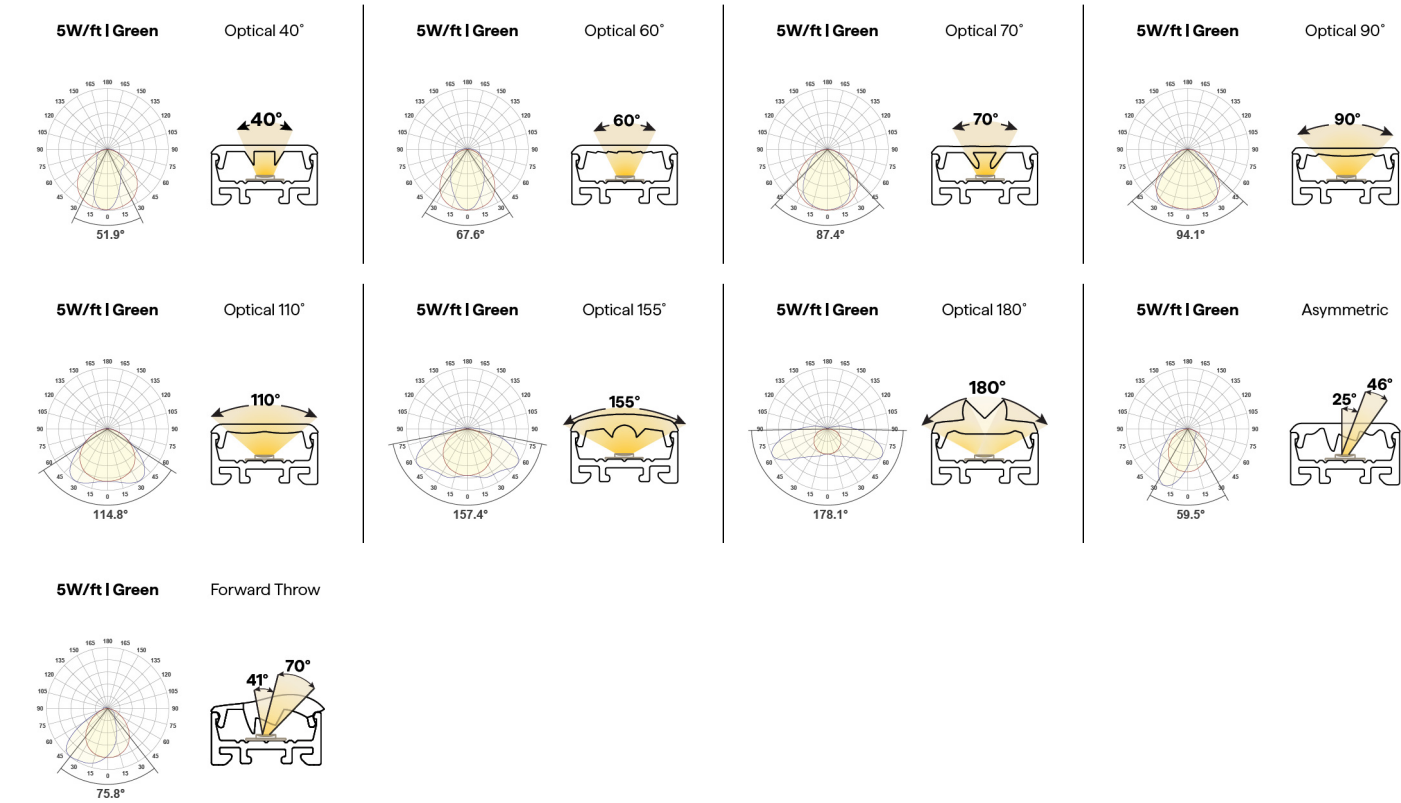


## TEMPERATURE RATINGS

		5.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	125°F

## PHOTOMETRIC PERFORMANCE

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



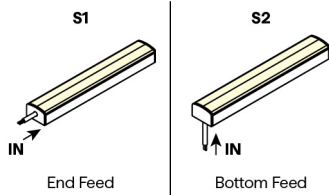


# OPTI-OPTICS (02) STATIC COLOR

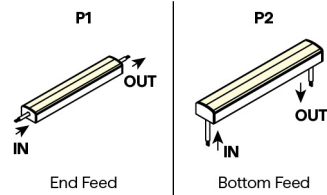
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

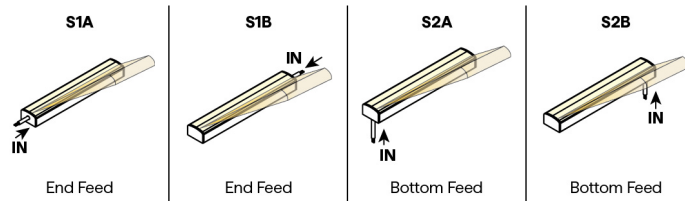
SINGLE (Input only)



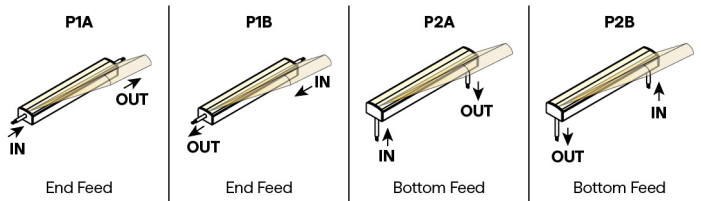
PASS THROUGH (Input/Output)



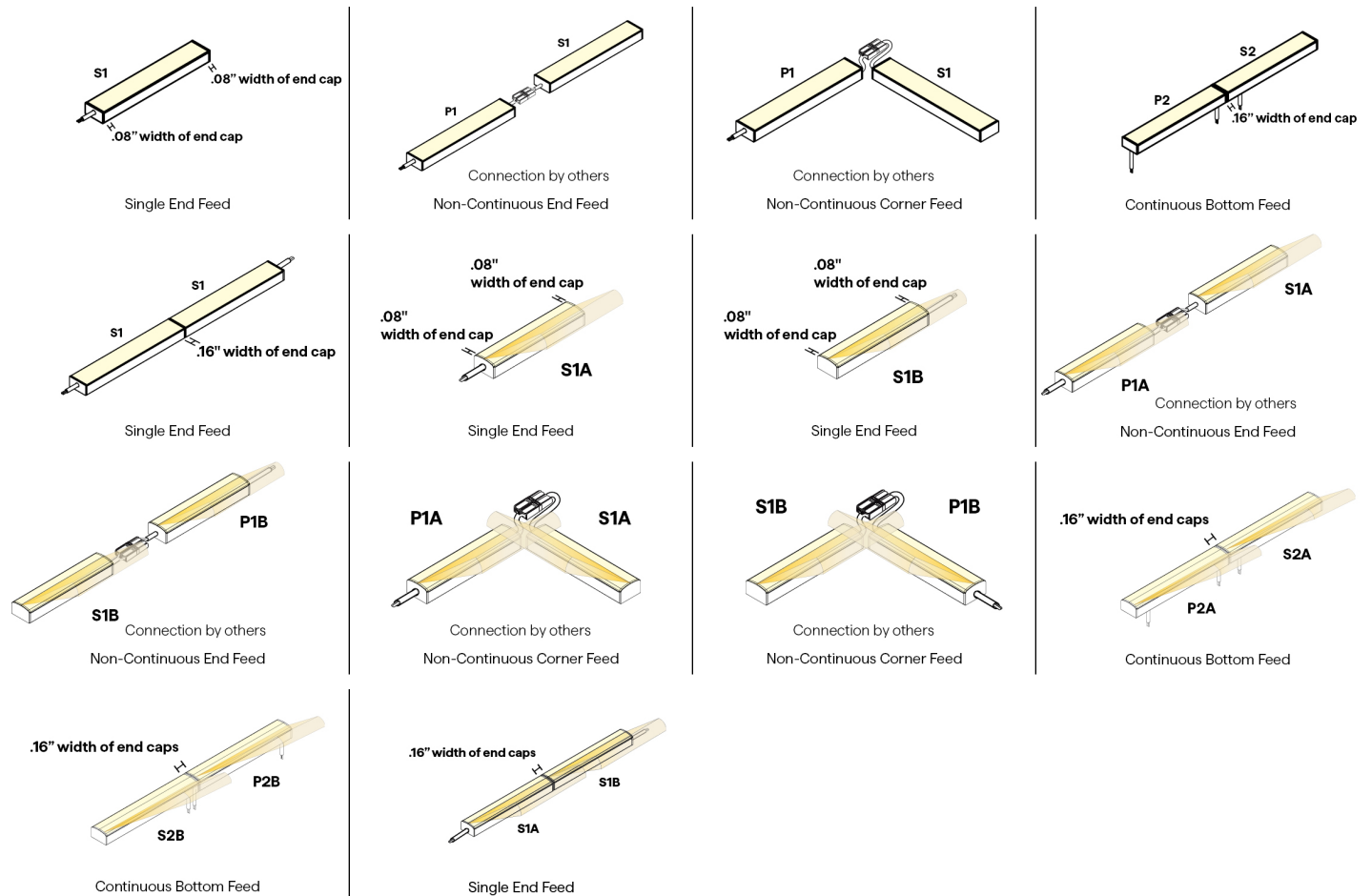
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS

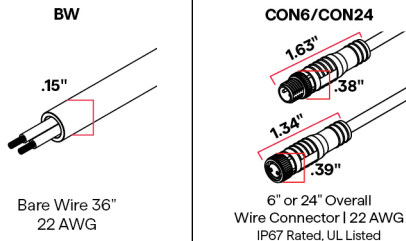




# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

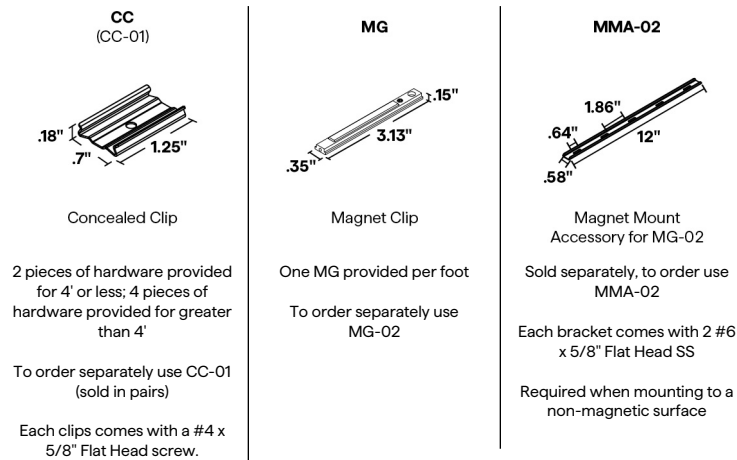
## 7 / 8 CONNECTOR/WIRE – IN/OUT



## 9 WIRE COLOR



## 11 MOUNTING

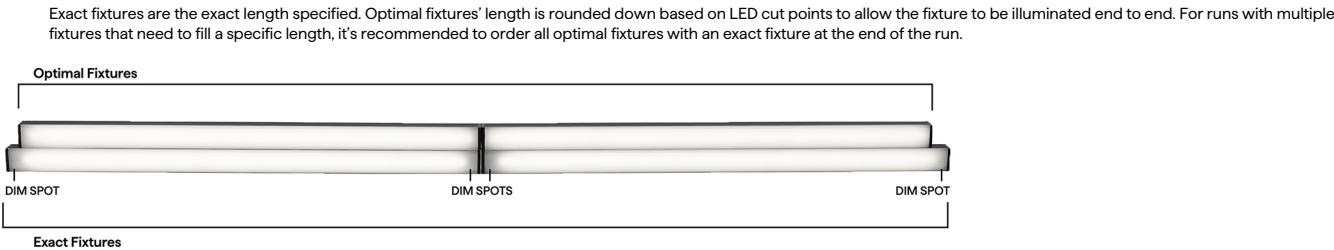


## 12 FINISH



Custom finishes require a longer lead time, consult factory

## 14 EXACT/OPTIMAL FIXTURE LENGTH





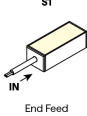
# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

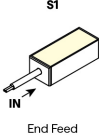
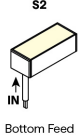
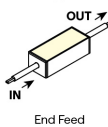
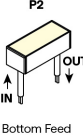
## SC DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH

Requested Nominal Length	S1 & S1A/B & S2 & S2A/B		P1 & P1A/B & P2 & P2A/B	
	 S1 End Feed	 S2 Bottom Feed	 P1 End Feed	 P2 Bottom Feed
12"	10.41"		10.66"	
13"	12.41"		12.66"	
14"	12.41"		12.66"	
15"	14.41"		14.66"	
16"	14.41"		14.66"	
17"	16.41"		16.66"	
18"	16.41"		16.66"	
19"	18.41"		18.66"	
20"	18.41"		18.66"	
21"	20.41"		20.66"	
22"	20.41"		20.66"	
23"	22.41"		22.66"	
24"	22.41"		22.66"	
36"	34.41"		34.66"	
48"	46.41"		46.66"	
60"	58.41"		58.66"	
72"	70.41"		70.66"	
84"	82.41"		82.66"	
96"	94.41"		94.66"	

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle


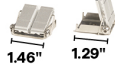



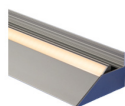



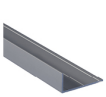


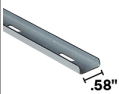


# OPTI-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR
	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)
DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  4" 1.46" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>QUOVA-STANDARD</b>  QUOVA Knife Edge	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket
<b>NL-LARGE</b>  L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>MMA-02</b>  .58" Magnet Mount Accessory of MG-02							



# OPTI-OPTICS (02) STATIC COLOR

## 24VDC Linear Fixtures - Surface & Recessed

### COMPATIBLE WIRING ACCESSORIES

<p><b>Q-mini-J</b></p>  <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	<p><b>Q-mini-J5</b></p>  <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	<p><b>CON120-EXT</b></p>  <p>10ft Con cable extender DRY/DMP/WET</p>	<p><b>CON FOUR-FER</b></p>  <p>Splits lead from one to four LED Con connectors DRY/DMP/WET</p>	<p><b>CON M - BARREL F</b></p>  <p>Male con to barrel cable adaptor DRY/DMP</p>
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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



### COMPATIBLE APPS

#### NFC APP



Read and write DMX addresses and adjust voltage