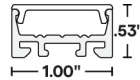
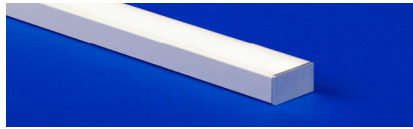




# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed



- Choose from diffused, polar or frosted lens options for varying diode visibility and beam cutoff
- Delivers smooth and consistent light to highlight architectural features and surfaces
- Ideal for surface-mounted installations
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look
- Suitable for installation in the storage area of a clothes closet when specified at 4.0 watts or less per foot per NEC regulations



410.2 & 410.16  
Closet Rated  
up to 4.0W/ft



BUY AMERICAN  
ACT COMPLIANT



BUILD AMERICA  
BUY AMERICA  
COMPLIANT



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
			DRY										

Sample Part Number: **OP1SWDR-5.0-30-DRY-DF-S1-BW-CLS-BK-CL2-CC-BK-48"-E**

<b>1 PRODUCT</b> <b>OP1SWDR</b> <b>OP1SWDR-USA</b>  Select USA option for BAA and BABA projects.  See following pages for compatible power supplies.	<b>2 WATTS/FT</b> <table><tr><td>1.5</td><td>1.5W/ft</td></tr><tr><td>3.0</td><td>3.0W/ft</td></tr><tr><td>4.0</td><td>4.0W/ft</td></tr><tr><td>5.0</td><td>5.0W/ft</td></tr><tr><td>1.5HE</td><td>1.5W/ft HE</td></tr><tr><td>3.0HE</td><td>3.0W/ft HE</td></tr><tr><td>6.0HE</td><td>6.0W/ft HE</td></tr><tr><td>9.0HE</td><td>9.0W/ft HE</td></tr></table>	1.5	1.5W/ft	3.0	3.0W/ft	4.0	4.0W/ft	5.0	5.0W/ft	1.5HE	1.5W/ft HE	3.0HE	3.0W/ft HE	6.0HE	6.0W/ft HE	9.0HE	9.0W/ft HE	<b>3 CCT</b> <table><tr><td>20</td><td>2000K</td></tr><tr><td>22</td><td>2200K</td></tr><tr><td>24</td><td>2400K</td></tr><tr><td>27</td><td>2700K</td></tr><tr><td>30</td><td>3000K</td></tr><tr><td>35</td><td>3500K</td></tr><tr><td>40</td><td>4000K</td></tr></table>	20	2000K	22	2200K	24	2400K	27	2700K	30	3000K	35	3500K	40	4000K	<b>4 RATED</b> <table><tr><td>DRY</td><td>IP20</td></tr></table>	DRY	IP20		
1.5	1.5W/ft																																				
3.0	3.0W/ft																																				
4.0	4.0W/ft																																				
5.0	5.0W/ft																																				
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<b>5 LENS</b> <table><tr><td>DF</td><td>Diffused</td></tr><tr><td>PR</td><td>Polar</td></tr><tr><td>FR</td><td>Frosted</td></tr></table>	DF	Diffused	PR	Polar	FR	Frosted	<b>6 WIRE INPUT/OUTPUT</b> <table><tr><td>S1</td><td>Single 1 (Input only) - End Feed</td></tr><tr><td>S2</td><td>Single 2 (Input only) - Bottom Feed</td></tr><tr><td>P1</td><td>Pass Through 1 (Input/output) - End Feed</td></tr><tr><td>P2</td><td>Pass Through 2 (Input/output) - Bottom Feed</td></tr></table>	S1	Single 1 (Input only) - End Feed	S2	Single 2 (Input only) - Bottom Feed	P1	Pass Through 1 (Input/output) - End Feed	P2	Pass Through 2 (Input/output) - Bottom Feed	<b>7 CONNECTOR/WIRE IN</b> <table><tr><td>BW</td><td>Bare Wire (Standard 36")</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table> <table><tr><td>BW</td><td>Bare Wire (Standard 36")</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table>	BW	Bare Wire (Standard 36")	CON6	Connector 6"	CON24	Connector 24"	BW	Bare Wire (Standard 36")	CON6	Connector 6"	CON24	Connector 24"	<b>8 CONNECTOR/WIRE OUT</b> <table><tr><td>CLS</td><td>Closed End (No feed)</td></tr></table> <table><tr><td>BW</td><td>Bare Wire (Standard 36")</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table>	CLS	Closed End (No feed)	BW	Bare Wire (Standard 36")	CON6	Connector 6"	CON24	Connector 24"
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<b>9 WIRE COLOR</b> <table><tr><td>WH</td><td>White</td></tr><tr><td>BK</td><td>Black</td></tr></table>	WH	White	BK	Black	<b>10 WIRE TYPE</b> <table><tr><td>CL2</td><td>Class 2</td></tr><tr><td>CL2P</td><td>Plenum Rated</td></tr></table> CL2P only available with bare wire leads (BW)	CL2	Class 2	CL2P	Plenum Rated	<b>11 MOUNTING</b> <table><tr><td>CC</td><td>Concealed Clip</td></tr><tr><td>MG</td><td>Magnet</td></tr></table>	CC	Concealed Clip	MG	Magnet	<b>12 FINISH</b> <table><tr><td>ST</td><td>Satin</td></tr><tr><td>BK</td><td>Black</td></tr><tr><td>WH</td><td>White</td></tr><tr><td>CU</td><td>Custom</td></tr></table> Custom finishes have longer lead times. Non-RAL 9003 whites custom.	ST	Satin	BK	Black	WH	White	CU	Custom	<b>13 LENGTH (IN)</b> <p>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</p>	<b>14 EXACT/OPTIMAL</b> <table><tr><td>O</td><td>Optimal Illumination</td></tr><tr><td>E</td><td>Exact Specified Length</td></tr></table> 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.	O	Optimal Illumination	E	Exact Specified Length								
WH	White																																				
BK	Black																																				
CL2	Class 2																																				
CL2P	Plenum Rated																																				
CC	Concealed Clip																																				
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ST	Satin																																				
BK	Black																																				
WH	White																																				
CU	Custom																																				
O	Optimal Illumination																																				
E	Exact Specified Length																																				

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)

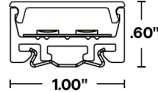
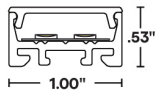
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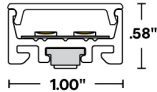
# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed

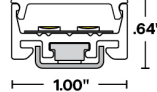
## 1 PRODUCT - DIMENSIONS



Profile with  
concealed clip



Profile with magnet clip



Profile with magnet mount  
clip and magnet mount  
accessory

## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 66000 for HE]  
Tested with OP1SWDR-\*\*-30-DRY-STD

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 W/FT		6.0HE W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
FR	145	97	161	98	287	98	318	98	398	98	484	98	634	98	928	98
PR	136	97	151	98	271	98	302	98	377	98	453	98	600	98	876	98
DF	121	97	136	98	240	97	272	98	333	98	399	98	536	98	784	98

## TEMPERATURE RATINGS

		1.5 W/FT		1.5 W/FT HE		3.0 W/FT		3.0 W/FT HE		4.0 W/FT		5.0 W/FT		6.0 W/FT HE		9.0 HE	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	130°F	-4°F	125°F	-4°F	125°F	-4°F	105°F

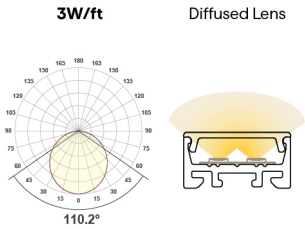


# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed

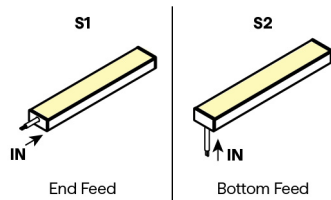
## PHOTOMETRIC PERFORMANCE

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

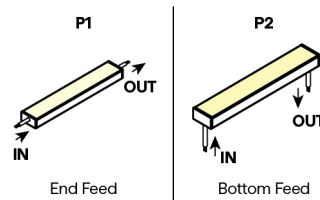


## 6 WIRE INPUT/OUTPUT

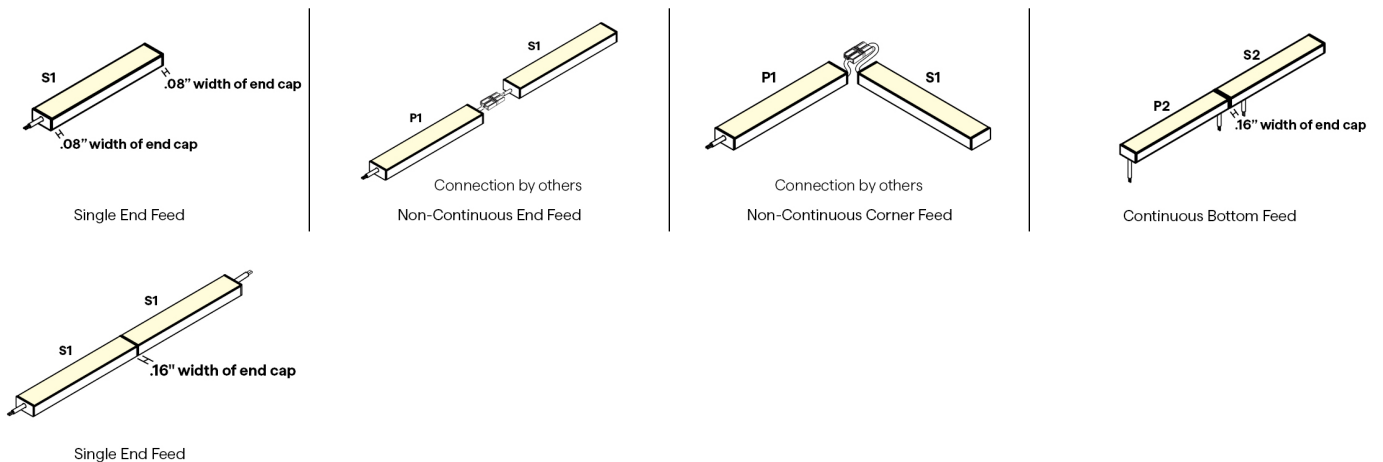
SINGLE (Input only)



PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS



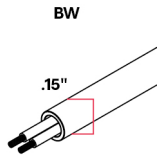


# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

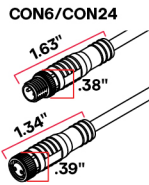
24VDC Linear Fixtures - Surface & Recessed

## 7 / 8 CONNECTOR/WIRE - IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



Bare Wire 36"  
22 AWG



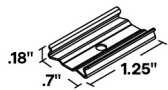
6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

## 9 WIRE COLOR



## 11 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 (sold in pairs)

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

MG

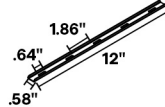


Magnet Clip

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

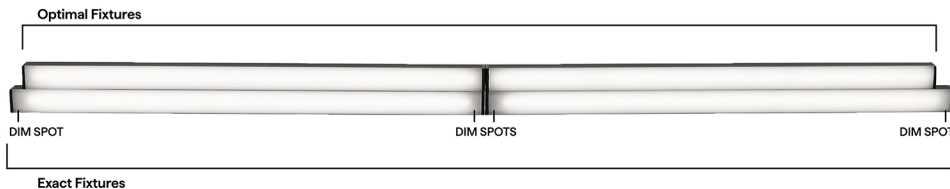
## 12 FINISH



Custom finishes require a longer lead time, consult factory

## 14 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.





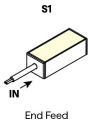
# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed

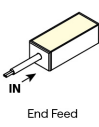
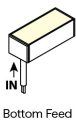
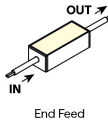
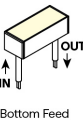
## SWDR DRY LENGTHS BY INCH

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"	0.25"
13"	0.25"
14"	0.25"
15"	0.25"
16"	0.25"
17"	0.25"
18"	0.25"
19"	0.25"
20"	0.25"
21"	0.25"
22"	0.25"
23"	0.25"
24"	0.25"
36"	0.25"
48"	0.25"
60"	0.25"
72"	0.25"
84"	0.25"
96"	0.25"

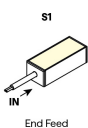
### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2	
				
12"	11.91"		11.66"	
13"	12.91"		12.66"	
14"	13.91"		13.66"	
15"	14.91"		14.66"	
16"	15.91"		15.66"	
17"	16.91"		16.66"	
18"	17.91"		17.66"	
19"	18.91"		18.66"	
20"	19.91"		19.66"	
21"	20.91"		20.66"	
22"	21.91"		21.66"	
23"	22.91"		22.66"	
24"	23.91"		23.66"	
36"	35.91"		35.66"	
48"	47.91"		47.66"	
60"	59.91"		59.66"	
72"	71.91"		71.66"	
84"	83.91"		83.66"	
96"	95.91"		95.66"	

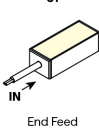
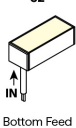
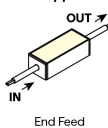
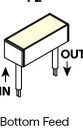
## SWDR-HE DRY LENGTHS BY INCH

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"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2	
				
12"	11.41"		11.66"	
13"	12.41"		12.66"	
14"	13.41"		13.66"	
15"	14.41"		14.66"	
16"	15.41"		15.66"	
17"	16.41"		16.66"	
18"	17.41"		17.66"	
19"	18.41"		18.66"	
20"	19.41"		19.66"	
21"	20.41"		20.66"	
22"	21.41"		21.66"	
23"	22.41"		22.66"	
24"	23.41"		23.66"	
36"	35.41"		35.66"	
48"	47.41"		47.66"	
60"	59.41"		59.66"	
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# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	SW24/1.5-4.0
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


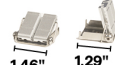



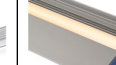
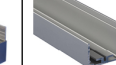
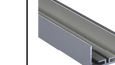
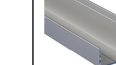
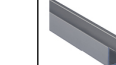
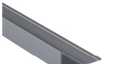
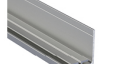
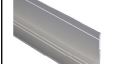

DIMMING PROTOCOL	INDOOR
	SW24/1.5-4.0
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP IQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V 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




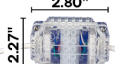



# OPTI-FLAT (01) STATIC WHITE DOUBLE ROW

24VDC Linear Fixtures - Surface & Recessed

## 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>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						

## COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  2" 1.25" UL Listed miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  2.80" 2.27" UL Listed miniature junction box, DRY/DMP (WET rated with silicone)	<b>CON120-EXT</b>  10ft Con cable extender, DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors, DRY/DMP/WET	<b>CON M - BARREL F</b>  Male con to barrel cable adaptor, DRY/DMP
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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



## COMPATIBLE APPS

