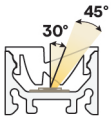
VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed





- This VERS fixture directs light asymmetrically making it ideal for illuminating artwork, signage, or ceiling details. The lens focuses light into a tight 45° beam shifted 30° off center.
- Features integrated metal endcaps
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Optional plastic louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS	6 EXTERNAL LOUVER
				ASYM	

ADDITIONAL INFORMATION REQUIRED TO ORDER

7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL

Sample Part Number: **VERS-09-DW-2.5HE-20/30-DRY-ASYM-N/A-P1A-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT

VERS-09-DW
VERS-09-DW-USA

Select USA option for BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2 WATTS/FT

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE
4.0HE 4.0W/ft HE

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE

3 CCT

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

4 RATED

DRY IP20

DMP IP54

5 LENS

ASYM Asymmetric

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages

6 EXTERNAL LOUVER

L1-WH White Plastic
L1-BK Black Plastic
N/A No Louver

Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

7 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1A End Feed
S1B End Feed
S2A Bottom Feed
S2B Bottom Feed
S3A Left Side Feed
S3B Left Side Feed
S4A Right Side Feed
S4B Right Side Feed

PASS THROUGH (Input/output)
P1A End Feed
P1B End Feed
P2A Bottom Feed
P2B Bottom Feed
P3A Left Side Feed
P3B Left Side Feed
P4A Right Side Feed
P4B Right Side Feed

When using TBC Mounting, a bare wire S2A/A2B wire feed is recommended. See install instructions for details.

8 CONNECTOR/WIRE IN

BW Bare Wire (Standard 36")
CON6 Connector 6"
CON24 Connector 24"

BW Bare Wire (Standard 36")
CON6 Connector 6"
CON24 Connector 24"

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

9 CONNECTOR/WIRE OUT

CLS Closed End (No feed)

BW Bare Wire (Standard 36")
CON6 Connector 6"
CON24 Connector 24"

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

10 WIRE COLOR

WH White
BK Black

11 WIRE TYPE

CL2 Class 2
CL2P Plenum Rated

CL2P only available with bare wire leads (BW)

12 MOUNTING

CC Concealed Clip
MG Magnet
TBC-03 9/16" Flat TB-Grid
TBC-04 15/16" Flat or Tegular TB-Grid
TBC-05 9/16" Tegular TB-Grid

13 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

14 LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15 EXACT/OPTIMAL

O Optimal Illumination
E Exact Specified Length

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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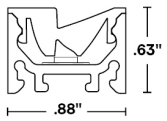
Specification subject to change. Rev-11-11-26

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

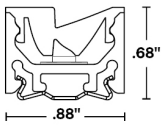
VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

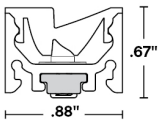
1 PRODUCT - DIMENSIONS



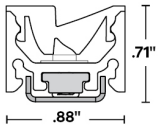
Profile with lens



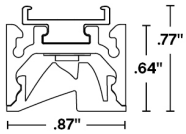
Profile with concealed clip



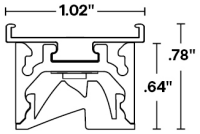
Profile with magnetic clip



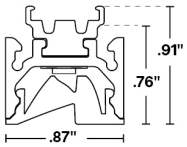
Profile with magnet mount clip & magnetic mount accessory



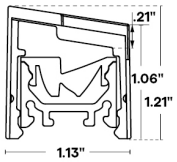
Profile with TBC-03



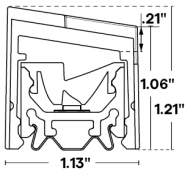
Profile with TBC-04



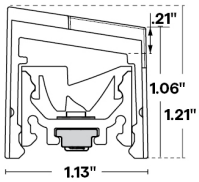
Profile with TBC-05



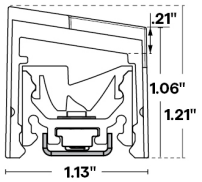
Profile with Louver



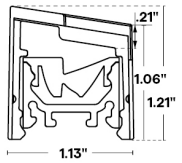
Profile with concealed clip and louver



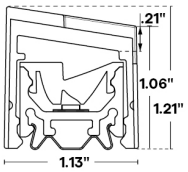
Profile with magnetic clip and louver



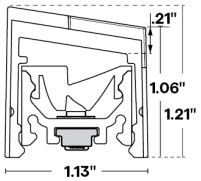
Profile with magnet mount clip, magnetic mount accessory & louver



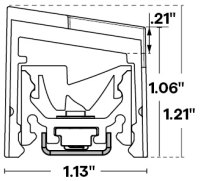
Profile with Louver



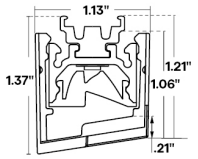
Profile with concealed clip and louver



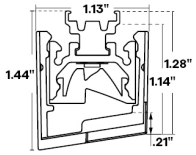
Profile with magnetic clip and louver



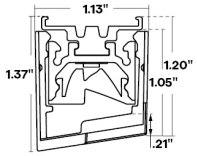
Profile with magnet mount clip, magnetic mount accessory & louver



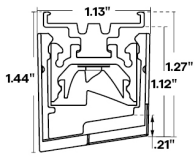
Profile with TBC-05 & Louver



Profile with TBC-06 & Louver



Profile with TBC-07 & Louver



Profile with TBC-08 & Louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-09-DW-**-**-DRY

	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
ASYM	141	98	223	98	343	98

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VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

5 DIODE VISIBILITY

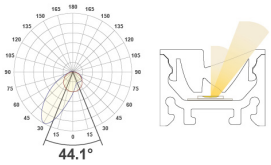


ASYM - Asymmetric lens

PHOTOMETRIC PERFORMANCE

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

6W/ft Asymmetric lens

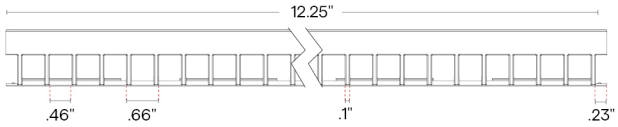


TEMPERATURE RATINGS

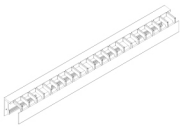
		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	110°F
DMP	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	—	—	—	—

6 EXTERNAL LOUVER

PLASTIC

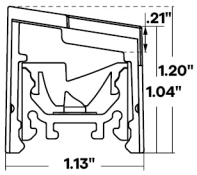


L1-XX



Lumen Multiplier

WH	BK
0.63	0.43



Profile with plastic louver

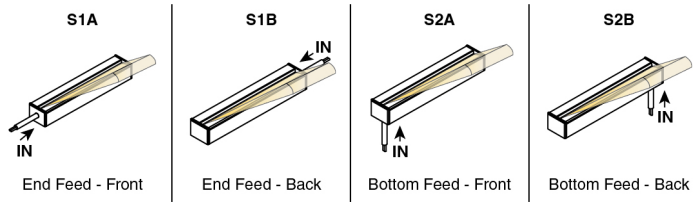
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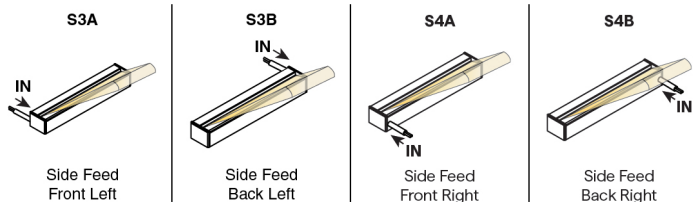
VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

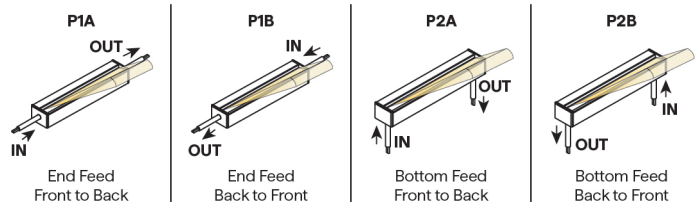
7 WIRE INPUT/OUTPUT

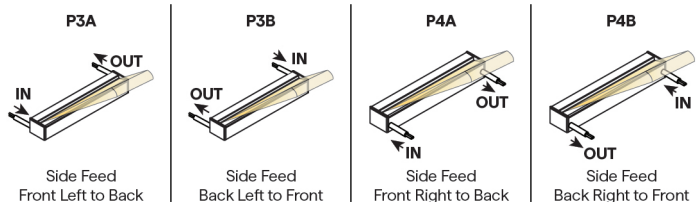
ASYMMETRIC ONLY SINGLE (Input only)



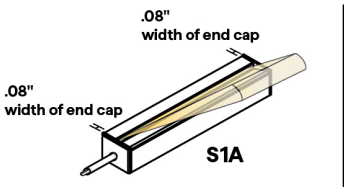


ASYMMETRIC ONLY PASS THROUGH (Input/Output)

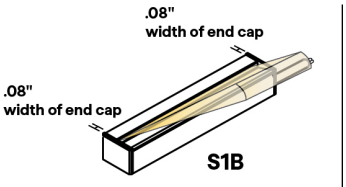




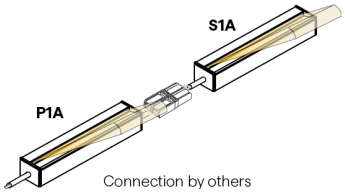
CONFIGURATION OPTIONS



Single End Feed

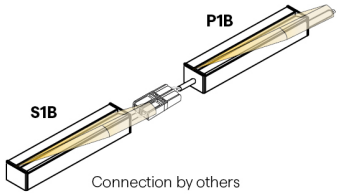


Single End Feed



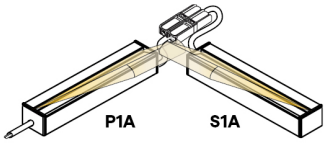
Connection by others

Non-Continuous End Feed



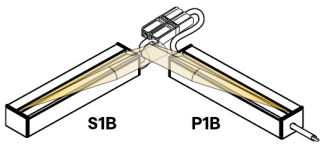
Connection by others

Non-Continuous End Feed



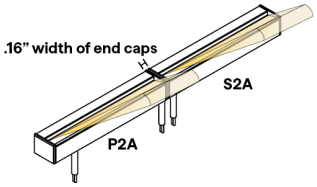
Connection by others

Non-Continuous Corner Feed

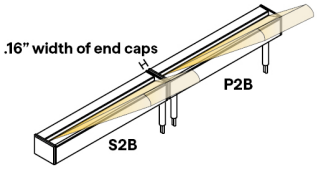


Connection by others

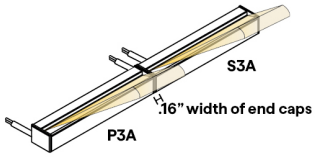
Non-Continuous Corner Feed



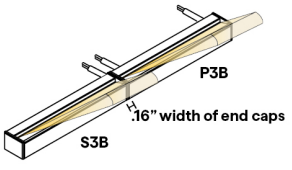
Continuous Bottom Feed



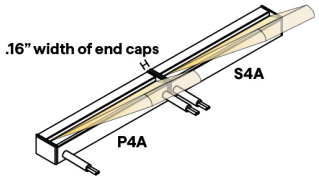
Continuous Bottom Feed



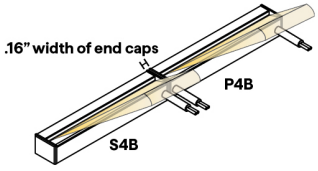
Continuous Side Feed - Left



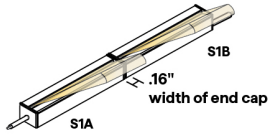
Continuous Side Feed - Left



Continuous Side Feed - Right



Continuous Side Feed - Right



Continuous End to End Feed

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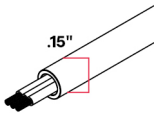
VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

8/9 CONNECTOR/WIRE – IN/OUT

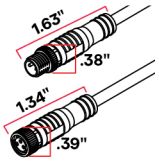
Connector/Wire In or Out not needed to specify product.

BW



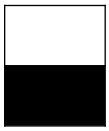
Bare Wire 36"
22 AWG

CON6/CON24



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

10 WIRE COLOR

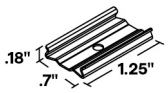


White

Black

12 MOUNTING

CC
(CC-01)



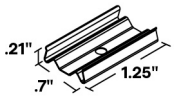
Concealed Clip

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.

CC
(CC-02)



Louver Concealed Clip
Required if L1 or L2 Louver is selected

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

To order separately use CC-02 (sold in pairs)

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

MG

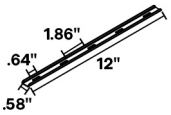


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



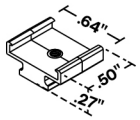
Magnet Mount
Accessory for MG-02

Sold separately, to order use MMA-02

Each clip comes with a #6 Flat Screw

Required when mounting to a non-magnetic surface

TBC-03



Plastic T-Bar Clip

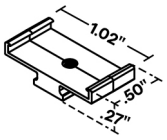
Use on 9/16" Flat Drop Ceiling

2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-03

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

TBC-04



Plastic T-Bar Clip

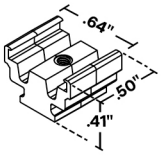
Use on 15/16" Flat or Tegular Drop Ceiling

2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-04

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

TBC-05



Plastic T-Bar Clip

Use on 9/16" Tegular Drop Ceiling

2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-05

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

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VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

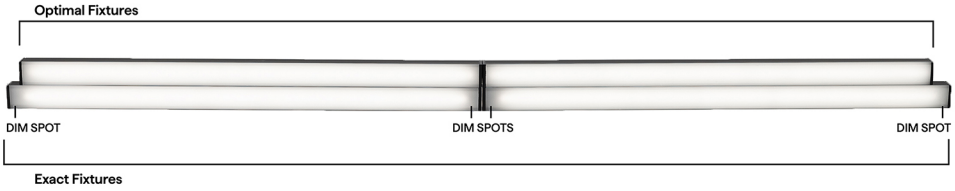
13 FINISH

- Satin
- Black
- Bronze
- White

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

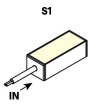
15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified +0 -1/8". 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.

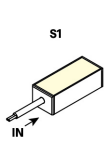
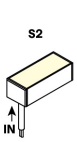
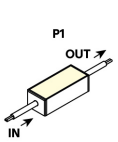
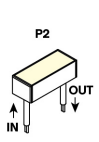
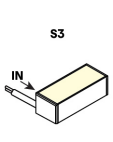
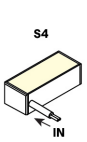
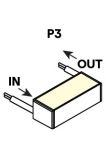
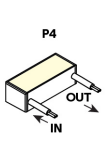


DW-HE DRY DMP LENGTHS BY INCH

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	S1A/B & S2A/B		P1A/B & P2A/B		S3A/B & S4A/B		P3A/B & P4A/B	
								
	S1	S2	P1	P2	S3	S4	P3	P4
	End Feed	Bottom Feed	End Feed	Bottom Feed	Side Feed - Left	Side Feed - Right	Side Feed - Left	Side Feed - Right
12"	10.59"		10.94"		10.49"		10.59"	
13"	12.59"		12.94"		12.49"		12.59"	
14"	12.59"		12.94"		12.49"		12.59"	
15"	14.59"		14.94"		14.49"		14.59"	
16"	14.59"		14.94"		14.49"		14.59"	
17"	16.59"		16.94"		16.49"		16.59"	
18"	16.59"		16.94"		16.49"		16.59"	
19"	18.59"		18.94"		18.49"		18.59"	
20"	18.59"		18.94"		18.49"		18.59"	
21"	20.59"		20.94"		20.49"		20.59"	
22"	20.59"		20.94"		20.49"		20.59"	
23"	22.59"		22.94"		22.49"		22.59"	
24"	22.59"		22.94"		22.49"		22.59"	
36"	34.59"		34.94"		34.49"		34.59"	
48"	46.59"		46.94"		46.49"		46.59"	
60"	58.59"		58.94"		58.49"		58.59"	
72"	70.59"		70.94"		70.49"		70.59"	
84"	82.59"		82.94"		82.49"		82.59"	
96"	94.59"		94.94"		94.49"		94.59"	

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VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

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
	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

DIMMING PROTOCOL	INDOOR
	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QTM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8-AWN
DMX LED wattage must be doubled for DW-HE products	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

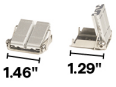
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



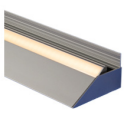
Small mounting accessory

Q-ANGLE



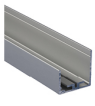
Adjustable mounting accessory

QUOVA-STANDARD



QUOVA Knife Edge

NJ-LARGE



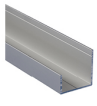
J Mounting Bracket

NU-LARGE



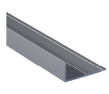
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



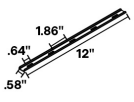
L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

MMA-02



Magnet Mount Accessory for MG-02

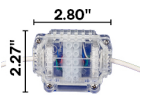
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VERS-ASYMMETRIC (09) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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