VERS-FLUSH (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

white optics | c UL us LISTED | RoHS COMPLIANT | EPD ENVIRONMENTAL PRODUCT DECLARATION | JA8-2019 HE only | 5 YEAR WARRANTY

BAA & BABA CONTACT FACTORY | Declare. | Red List Approved

102° - 115°

- Features a co-extruded lens with an internal reflector, maximizing light delivery for improved brightness.
- The fixture's flat lens sits flush, showcasing the versatile fixture's exceptional light performance in any indoor environment.
- Features integrated metal endcaps
- Mounting options include a concealed or magnetic clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Optional external 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
VERS-02-DW			DRY		

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-02-DW-2.5HE-20/30-DRY-DF-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E

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1 PRODUCT

VERS-02-DW

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

3 CCT

20/27 2000K/2700K
20/30 2000K/3000K
27/40 2700K/4000K
27/55 2700K/5500K

4 RATED

DRY IP20

5 LENS

DF Diffused
PR Polar

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
L2-ST Satin Anodized Aluminum
L2-BK Black Anodized Aluminum
L2-WH White Powder Coated Aluminum
N/A No Louver

Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

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7 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1 End Feed
S2 Bottom Feed

When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.

PASS THROUGH (Input/output)
P1 End Feed
P2 Bottom Feed

When using TBC Mounting, a bare wire P2 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: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

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

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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 or 9/16" Flat TB-Grid, with External Louver
TBC-06 9/16" Tegular TB-Grid, with External Louver
TBC-07 15/16" Flat TB-Grid, with External Louver
TBC-08 15/16" Tegular TB-Grid, with External Louver

13 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

White and custom painted finishes are not compatible with external louvers.
Custom finishes require a longer lead time, consult factory.

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 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. See Exact/Optimal Fixture Length charts.
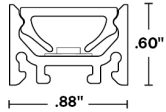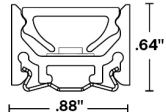

VERS-FLUSH (02) FOR TUNABLE APPLICATIONS
24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS

.60" / **.88"** Profile with lens	**.64"** / **.88"** Profile with concealed clip	**.63"** / **.88"** Profile with magnetic clip
.67" / **.88"** Profile with magnetic mount clip & magnetic mount accessory	**.73"** / **.60"** / **.88"** Profile with TBC-03	**1.02"** / **.73"** / **.60"** Profile with TBC-04
.87" / **.72"** / **.88"** Profile with TBC-05	**.23"** / **1.21"** / **1.11"** Profile with L1 Louver	**1.11"** / **1.39"** / **1.24"** / **.23"** Profile with TBC-05 & L1 Louver
1.11" / **1.46"** / **1.31"** / **.23"** Profile with TBC-06 & L1 Louver	**1.11"** / **1.39"** / **1.24"** / **.23"** Profile with TBC-07 & L1 Louver	**1.11"** / **1.46"** / **1.31"** / **.23"** Profile with TBC-08 & L1 Louver
.24" / **1.18"** / **1.08"** Profile with L2 Louver	**1.08"** / **1.39"** / **1.24"** / **.24"** Profile with TBC-05 & L2 Louver	**1.08"** / **1.46"** / **1.31"** / **.24"** Profile with TBC-06 & L2 Louver
1.08" / **1.39"** / **1.24"** / **.24"** Profile with TBC-07 & L2 Louver	**1.08"** / **1.46"** / **1.31"** / **.24"** Profile with TBC-08 & L2 Louver	
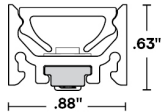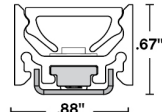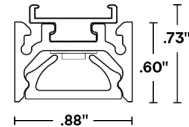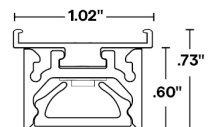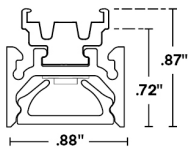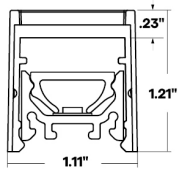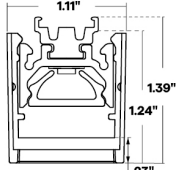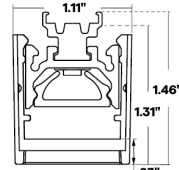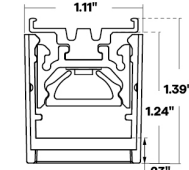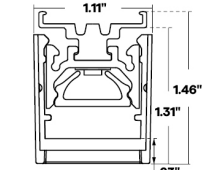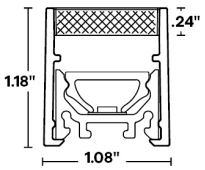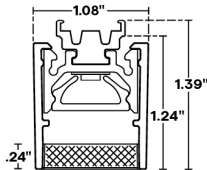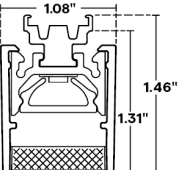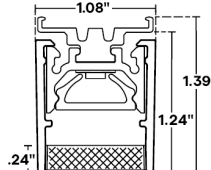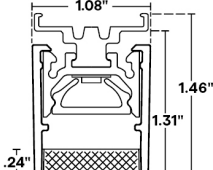
2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-02-DW-**-**-DRY

	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
PR	154	98	248	98	381	98
DF	148	98	234	98	358	98

5 DIODE VISIBILITY

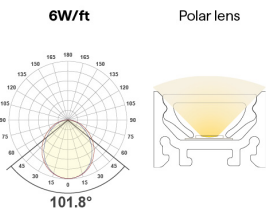|	
	DF - Diffused lens
	PR - Polar lens

PHOTOMETRIC PERFORMANCE

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

6W/ft   Polar lens

101.8°

TEMPERATURE RATINGS

		DW 1.5 HE W/FT				DW 2.5 HE W/FT				DW 4.0 HE W/FT			
		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran 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

6 EXTERNAL LOUVER

PLASTIC
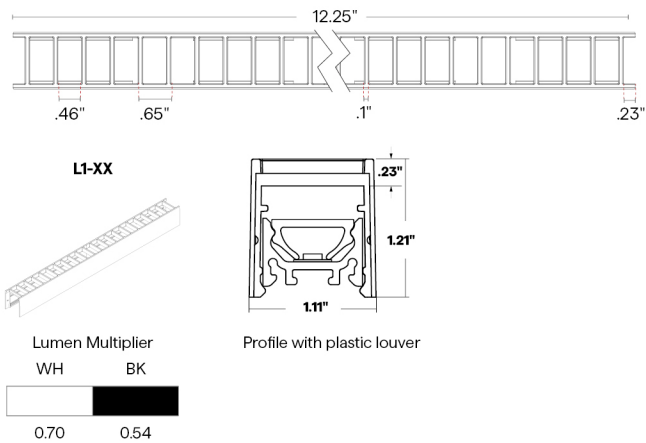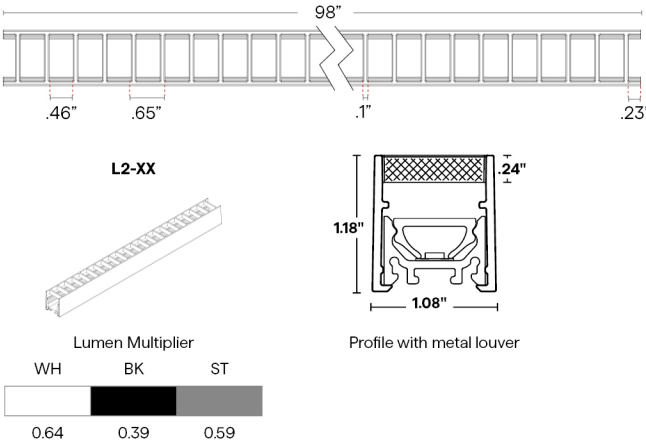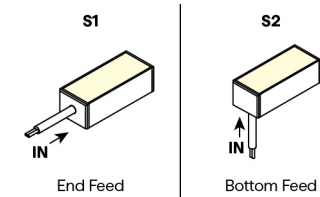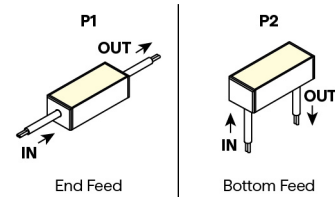
L1-XX

Lumen Multiplier

WH	BK
0.70	0.54

Profile with plastic louver

METAL

L2-XX

Lumen Multiplier

WH	BK	ST
0.64	0.39	0.59

Profile with metal louver

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1
IN
End Feed

S2
IN
Bottom Feed

PASS THROUGH (Input/Output)

P1
OUT
IN
End Feed

P2
OUT
IN
Bottom Feed

CONFIGURATION OPTIONS

S1
.08" width of end cap
.08" width of end cap

Single End Feed

P1   S1
Connection by others
Non-Continuous End Feed

P1   S1
Connection by others
Non-Continuous Corner Feed

.16" width of end caps
S2
P2
Continuous Bottom Feed

S1
S1
.16" width of end caps
Continuous End to End Feed
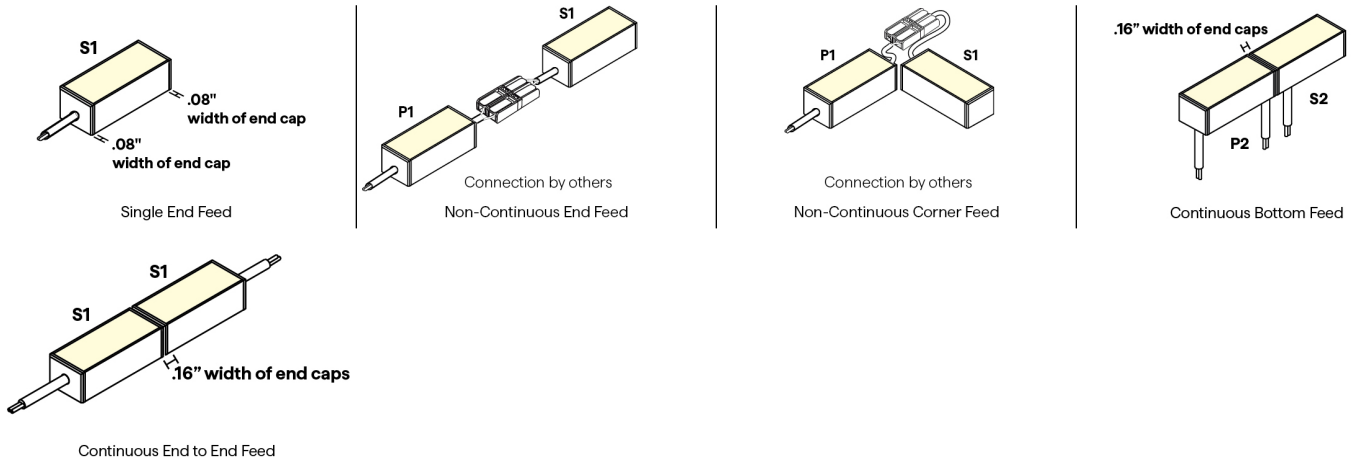
8 / 9 CONNECTOR/WIRE – IN/OUT

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

BW

.15"

Bare Wire 36"
22 AWG

CON6/CON24

1.63"
.38"

1.34"
.39"

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

10 WIRE COLOR

White

Black

12 MOUNTING

CC
(CC-01)

.18"
.7"   1.25"

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.

CC
(CC-02)

.21"
.7"   1.25"

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

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

MG

.15"
3.13"
.35"

Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02

1.86"
.64"   12"
.58"

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

.64"
.50"
.27"

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

To order separately use TBC-03

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

MOUNTING CONTINUED
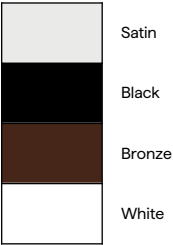
TBC-04	TBC-05	TBC-06	TBC-07	TBC-08
1.02" .50" .27"	.64" .50" .41"	.64" .50" .48"	1.02" .50" .41"	1.02" .50" .48"
Plastic T-Bar Clip	Plastic T-Bar Clip	Plastic T-Bar Clip	Plastic T-Bar Clip	Plastic T-Bar Clip
Use on 15/16" Flat or Tegular Drop Ceiling	Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling	Use with Louver on 9/16" Tegular Drop Ceiling	Use with Louver on 15/16" Flat Drop Ceiling	Use with Louver on 15/16" Tegular Drop Ceiling
2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length
To order separately use TBC-04	To order separately use TBC-05	To order separately use TBC-06	To order separately use TBC-07	To order separately use TBC-08
Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key

13 FINISH

Satin

Black

Bronze

White

Custom color available

15 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.
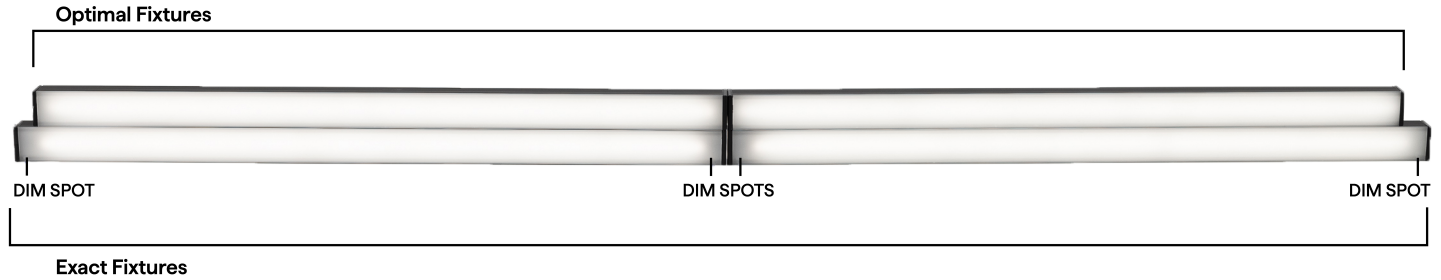
Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT
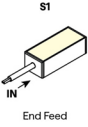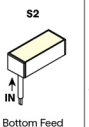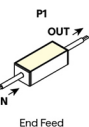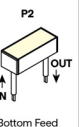
Exact Fixtures

DW-HE DRY LENGTHS BY INCH

Available in any length in between 12" and 98" 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 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: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S2		P1 & P2	
	S1 — End Feed	S2 — Bottom Feed	P1 — End Feed	P2 — Bottom Feed
12"	10.59"		10.94"	
13"	12.59"		12.94"	
14"	12.59"		12.94"	
15"	14.59"		14.94"	
16"	14.59"		14.94"	
17"	16.59"		16.94"	
18"	16.59"		16.94"	
19"	18.59"		18.94"	
20"	18.59"		18.94"	
21"	20.59"		20.94"	
22"	20.59"		20.94"	
23"	22.59"		22.94"	
24"	22.59"		22.94"	
36"	34.59"		34.94"	
48"	46.59"		46.94"	
60"	58.59"		58.94"	
72"	70.59"		70.94"	
84"	82.59"		82.94"	
96"	94.59"		94.94"	

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 QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN 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 QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-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
1.41" .71"
Adjustable mounting bracket - Medium

HINGE - HMB-L
1.46" 1.29"
Adjustable mounting bracket - Large

HINGE - HMB-XL
4"
1.46"
Adjustable mounting bracket - XLarge

Q-PIVOT
.75"
1.03"
Small mounting accessory

Q-ANGLE
2.23"
1.38"
Adjustable mounting accessory

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

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5
2.80"
2.27"
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"

2.58"

Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write
DMX addresses and
adjust voltage