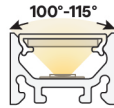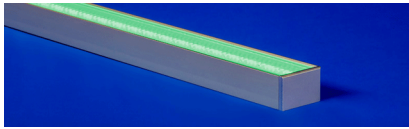# VERS-INSERT (08) RGB
24VDC Linear Fixtures - Surface & Recessed

- A VERSatile fixture with customizable options to meet the specific needs of various applications
- The batwing and prismatic lens options offer glare-reducing illumination
- Mounting options include a concealed clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Optional external louver accessory available in white or black for added glare control

100°-115°

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

① PRODUCT	② WATTS/FT	③ CCT	④ RATED	⑤ LENS	⑥ EXTERNAL LOUVER
VERS-08-RGB	6.0	RGB			

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-08-RGB-6.0-RGB-DRY-GC-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

① PRODUCT

VERS-08-RGB

See following pages for compatible power supplies.

② WATTS/FT

6.0 6.0W/ft

③ CCT

RGB

④ RATED

DRY IP20
DMP IP54
WET IP67

Can be suitable for exterior use, contact factory for more information

⑤ LENS

BAT Batwing
GC Glare Control

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.

⑦ WIRE INPUT/OUTPUT

SINGLE (Input only)
S1 End Feed
S2 Bottom Feed
S3 Left Side Feed
S4 Right Side 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
P3 Left Side Feed
P4 Right Side 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

⑪ WIRE TYPE

CL2 Class 2
CL2P Plenum Rated

CL2P only available with bare wire leads (BW)

⑫ MOUNTING

CC Concealed Clip
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.
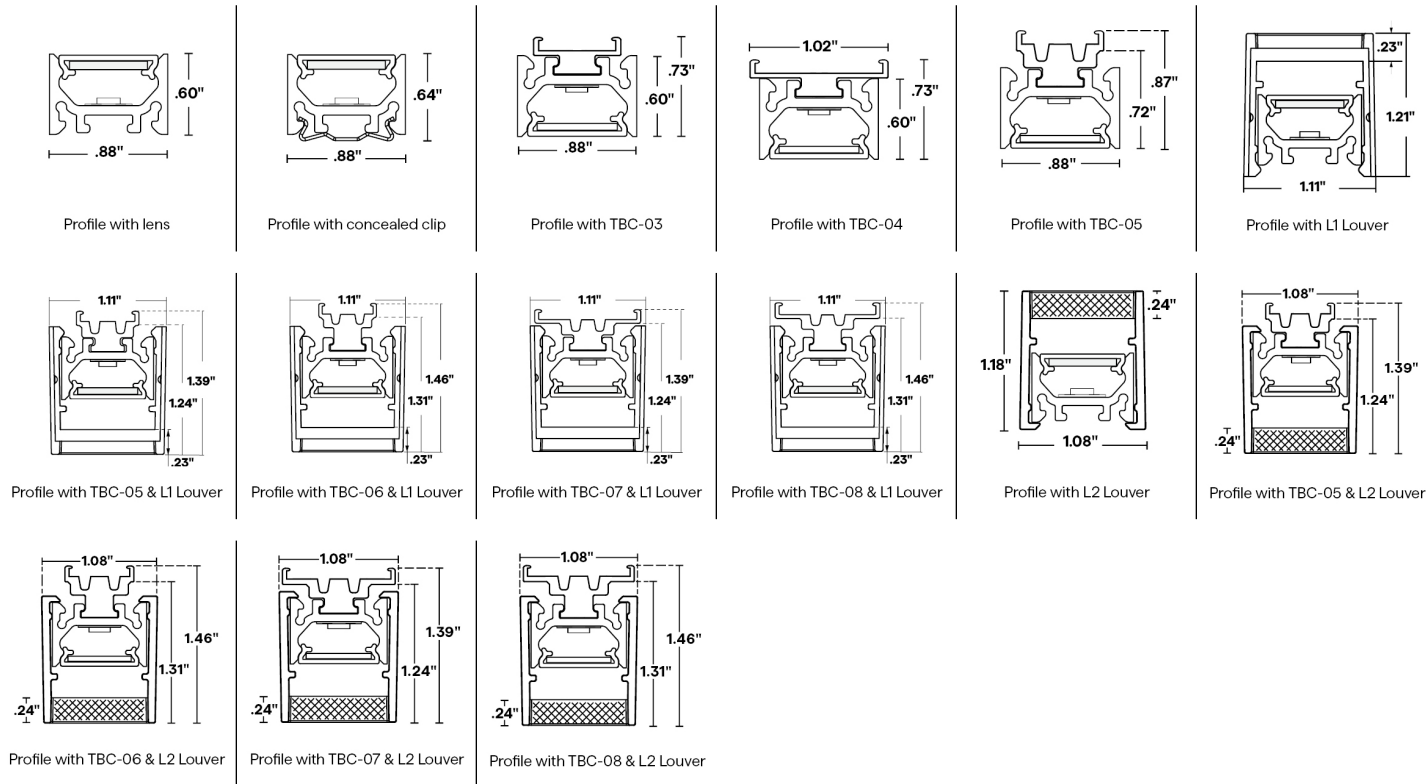
1 PRODUCT - DIMENSIONS

Profile with lens

Profile with concealed clip

Profile with TBC-03

Profile with TBC-04

Profile with TBC-05

Profile with L1 Louver

Profile with TBC-05 & L1 Louver

Profile with TBC-06 & L1 Louver

Profile with TBC-07 & L1 Louver

Profile with TBC-08 & L1 Louver

Profile with L2 Louver

Profile with TBC-05 & L2 Louver

Profile with TBC-06 & L2 Louver

Profile with TBC-07 & L2 Louver

Profile with TBC-08 & L2 Louver

2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with VERS-08-RGB-6.0-RGB-DRY

	Red			Green			Blue			All	
	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR	LM/FT	UGR
BAT	75	631	N/A	145	522	N/A	40	470	N/A	233	N/A
GC	83	631	≤16.4	164	524	≤18.9	45	470	≤14.7	163	≤ 23.8

5 DIODE VISIBILITY

BAT - Batwing lens

GC - Glare Control lens

PHOTOMETRIC PERFORMANCE

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

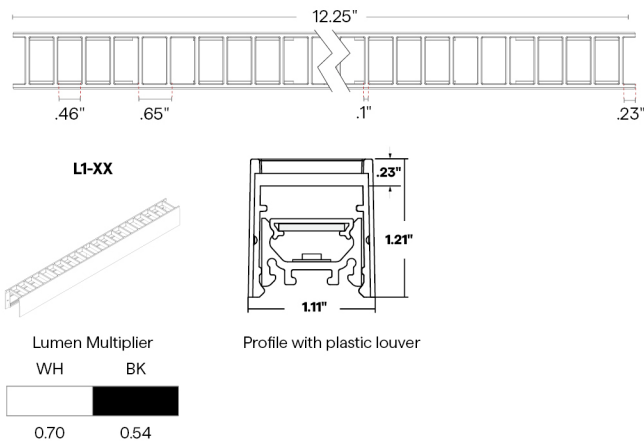6W/ft | Green — Batwing lens — 110.9°

6W/ft | Green — Glare Control lens — 100.5°

Specification subject to change. Rev-08-13-25
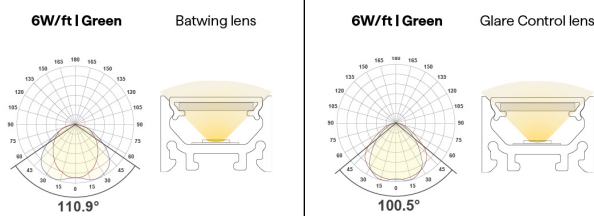
VERS-INSERT (08) RGB
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

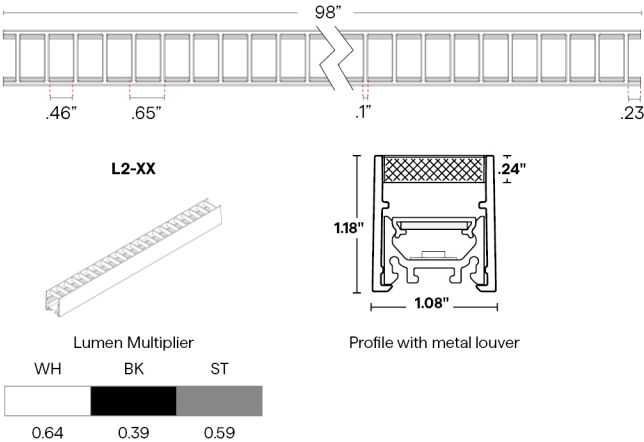|		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	105°F
DMP	Ambient Operating Temp - Surface	-13°F	100°F
WET	Ambient Operating Temp - Surface	-13°F	100°F

6 EXTERNAL LOUVER

PLASTIC

12.25"

.46"   .65"   .1"   .23"

L1-XX

Lumen Multiplier

WH	BK
0.70	0.54

Profile with plastic louver
.23"
1.21"
1.11"

METAL

98"

.46"   .65"   .1"   .23"

L2-XX

Lumen Multiplier

WH	BK	ST
0.64	0.39	0.59

Profile with metal louver
.24"
1.18"
1.08"

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1 — IN — End Feed

S2 — IN — Bottom Feed

S3 — IN — Side Feed - Left

S4 — IN — Side Feed - Right

PASS THROUGH (Input/Output)

P1 — OUT / IN — End Feed

P2 — OUT / IN — Bottom Feed

P3 — IN / OUT — Side Feed - Left
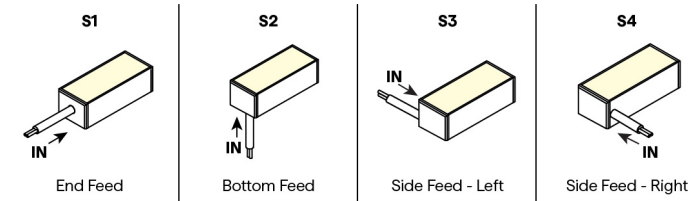
P4 — OUT / IN — Side Feed - Right
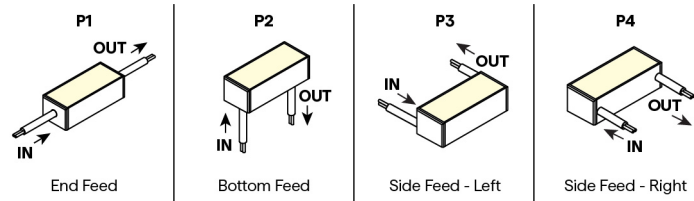
VERS-INSERT (08) RGB
24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS

S1

.08" width of end cap

.08" width of end cap

Single End Feed

S1

P1

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

S3

P3

.16" width of end caps

Continuous Side Feed - Left

.16" width of end caps

S4

P4

Continuous Side Feed - Right

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

1.65"

.57"

1.61"

.57"

6" or 24" Overall
Wire Connector | 24 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.

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

TBC-04

1.02"

.50"

.27"

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

To order separately use TBC-04

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

TBC-05

.64"

.50"

.41"

Plastic T-Bar Clip

Use on 9/16" Tegular Drop Ceiling or with Louver 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-05

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

MOUNTING CONTINUED

TBC-06	TBC-07	TBC-08
.64" .50" .48"	1.02" .50" .41"	1.02" .50" .48"
Plastic T-Bar Clip	Plastic T-Bar Clip	Plastic T-Bar Clip
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
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

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
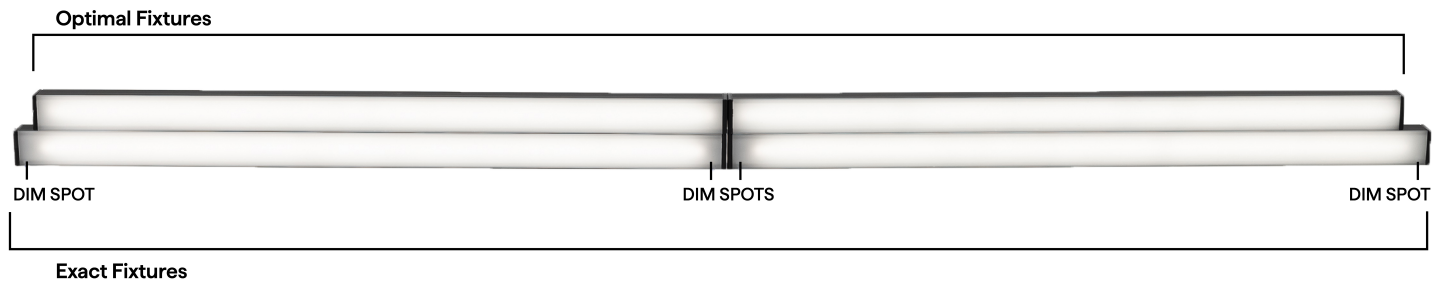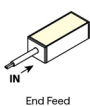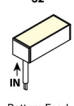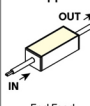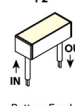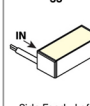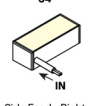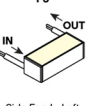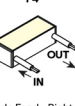
Exact Fixtures

RGB DRY, DMP 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

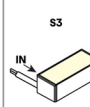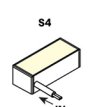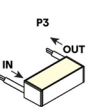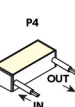| Requested Nominal Length	S1 & S2	P1 & P2	S3 & S4	P3 & P4
12"	10.59"	10.94"	10.49"	10.59"
13"	12.59"	12.94"	12.49"	12.59"
14"	12.59"	12.94"	12.49"	12.59"
15"	14.59"	14.94"	14.49"	14.59"
16"	14.59"	14.94"	14.49"	14.59"
17"	16.59"	16.94"	16.49"	16.59"
18"	16.59"	16.94"	16.49"	16.59"
19"	18.59"	18.94"	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"
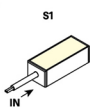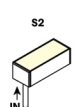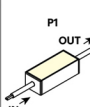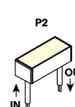
RGB WET LENGTHS BY INCH

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	S3 & S4	P3 & P4
12"	10.74"	11.14"	10.64"	10.84"
13"	12.74"	11.14"	12.64"	12.84"
14"	12.74"	13.14"	12.64"	12.84"
15"	14.74"	13.14"	14.64"	14.84"
16"	14.74"	15.14"	14.64"	14.84"
17"	16.74"	15.14"	16.64"	16.84"
18"	16.74"	17.14"	16.64"	16.84"
19"	18.74"	17.14"	18.64"	18.84"
20"	18.74"	19.14"	18.64"	18.84"
21"	20.74"	19.14"	20.64"	20.84"
22"	20.74"	21.14"	20.64"	20.84"
23"	22.74"	21.14"	22.64"	22.84"
24"	22.74"	23.14"	22.64"	22.84"
36"	34.74"	35.14"	34.64"	34.84"
48"	46.74"	47.14"	46.64"	46.84"
60"	58.74"	59.14"	58.64"	58.84"
72"	70.74"	71.14"	70.64"	70.84"
84"	82.74"	83.14"	82.64"	82.84"
96"	94.74"	95.14"	94.64"	94.84"

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR	OUTDOOR
	RGB	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGB 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