

Product Features

Convergence Series Y-shaped architectural luminaire housing from aluminum extruded profile, seamlessly welded; available with metal finish of matte Black, White, Silver or custom RAL; option available with Acoustic panel (6 standard finishes); steel cable suspension system for direct ceiling mounting, with power supply unit integral inside fixture, and power feed cable through the 5-inch junction box cover plate; entire luminaire homogeneously illuminated, frosted PMMA lens; soft downward facing illumination characteristic for general illumination and maximum visual comfort; SAMSUNG LED with above 90CRI; available in 2700K, 3000K, 3500K, 4000K; 85% of luminous flux after 50000 hours; ETL damp location listed; universal power supply with 0-10v dimming capability.

Technical Specifications

INPUT VOLTAGE	Universal Input AC120-277V
FREQUENCY	50/60hz
COLOR TEMPERATURE	2700K, 3000K, 3500K, 4000K
COLOR RENDERING INDEX	90
DISTRIBUTION	Direct
IP RATING	Damp Location
LIFE SPAN	>50,000 Hours
DIMMING	0-10v Dimming



CONVERGENCE SERIES | CV

SUBMITTAL WORKSHEET

Order Code Example: **CV** - **Y1** - **35** - **CM** - **MW** - **MW** - **OPTIONS**
 A B C D E F G

A SERIES (CHOOSE ONE)

CV Convergence Series Y-shaped Architectural Direct Light Luminaire

B SIZE & OUTPUT (CHOOSE ONE)

CODE	DISTRIBUTION	POWER & LUMEN	LPW	DIMENSION	SUSPENSION	DRIVER	SECTION
Y1	Direct	40W 4,200lm	105	L12" / side	3	1	3
Y2	Direct	80W 8,400lm	105	L24" / side	3	1	3
Y3	Direct	120W 10,920lm	105	L36" / side	6	2	3
Y4	Direct	160W 16,800lm	105	L48" / side	6	2	3
YC	Direct	Custom		Custom	Custom		

CODE	DISTRIBUTION	POWER & LUMEN	LPW	DIMENSION	SUSPENSION	DRIVER	SECTION
Y1-ACS	Direct w/Acoustic	40W 4,200lm	105	L12" / side	3	1	3
Y2-ACS	Direct w/Acoustic	80W 8,400lm	105	L24" / side	3	1	3
Y3-ACS	Direct w/Acoustic	120W 10,920lm	105	L36" / side	6	2	3
Y4-ACS	Direct w/Acoustic	160W 16,800lm	105	L36" / side	6	2	3
YC-ACS	Direct w/Acoustic	Custom		Custom-made	Custom		

C CCT (CHOOSE ONE)

27	2700K	35	3500K
30	3000K	40	4000K

D MOUNTING (CHOOSE ONE)

QM 5FT Steel Cable Direct Mount, 5-Inch Junction Box Cover Plate With Integral Driver
CM 5ft Steel Cable, 10-Inch Surface Mount Canopy, Integral Power

E FINISH (CHOOSE ONE)

MB Black **MS** Silver
MW White **CC*** Customized Color

*see Customized Color Chart on pg 4

F POWER CORD (CHOOSE ONE)

BK 5FT Black Power Cord
WH 5FT White Power Cord

G OPTIONS

blank 120/277V 0-10V Dimming
FAD Customized Output (Consult Factory)
EMB-H08170* Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-H18170* Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

*see pg 5 for spec

CONVERGENCE SERIES | CV

DIMENSIONS - QM MOUNT

SERIES & SIZE

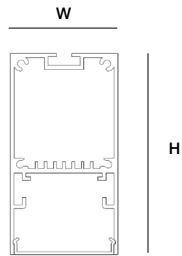
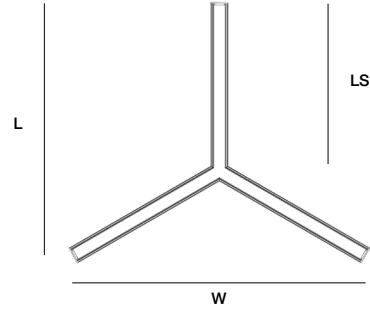
CV-Y1	(LS = 1ft)
CV-Y2	(LS = 2ft)
CV-Y3	(LS = 3ft)
CV-Y4	(LS = 4ft)

DIMENSION

L20" x W22" LS: 12"
L38" x W42" LS: 24"
L56" x W63" LS: 36"
L75" x W86" LS: 48"

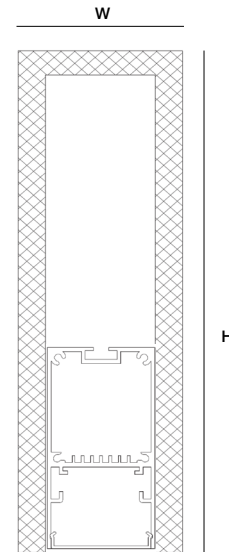
CV-Y1-ACS	(LS = 1ft)
CV-Y2-ACS	(LS = 2ft)
CV-Y3-ACS	(LS = 3ft)
CV-Y4-ACS	(LS = 4ft)

L20" x W22" LS: 12"
L38" x W42" LS: 24"
L56" x W63" LS: 36"
L75" x W86" LS: 48"



DIRECT DIMENSION

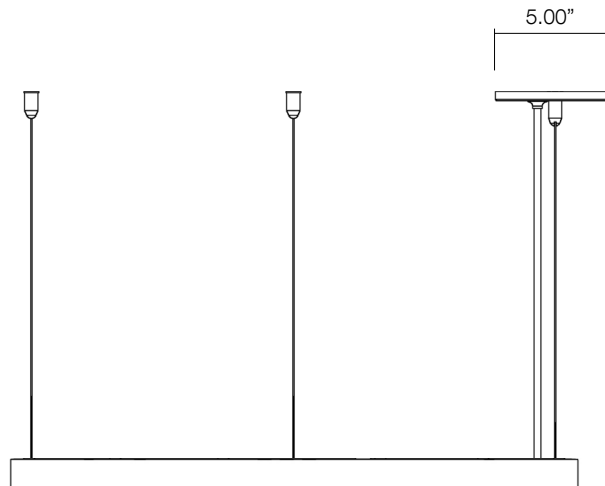
W2" x H3"
W2" x H3"
W2" x H3"
W2" x H3"



DIRECT W/ ACOUSTIC DIMENSION

Acoustic W2.32" x H7.4"
Acoustic W2.32" x H7.4"
Acoustic W2.32" x H7.4"
Acoustic W2.32" x H7.4"

Quick Mount



CONVERGENCE SERIES | CV

DIMENSIONS - CM MOUNT

SERIES & SIZE

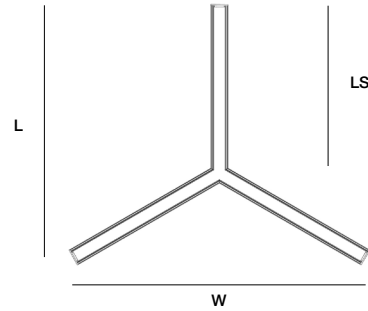
CV-Y1	(LS = 1ft)
CV-Y2	(LS = 2ft)
CV-Y3	(LS = 3ft)
CV-Y4	(LS = 4ft)

CV-Y1-ACS	(LS = 1ft)
CV-Y2-ACS	(LS = 2ft)
CV-Y3-ACS	(LS = 3ft)
CV-Y4-ACS	(LS = 4ft)

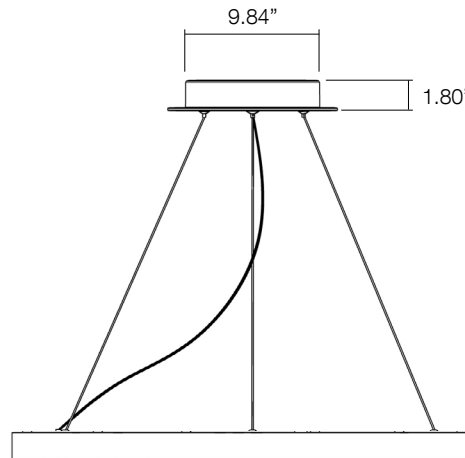
DIMENSION

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Canopy Mount



COLOR CHART (CHOOSE ONE)

CC
RAL

Specify Color Code:
Specify RAL Color:



GR - Green



BL - Blue



PP - Purple



PK - Pink



RD - Red



OG - Orange



YW - Yellow



MB - Matte Black



GB - Gloss Black



MW - Matte White



GW - Gloss White



OB - Oil Rubbed Bronze



GZ - Gloss Bronze



MS - Matte Silver



MBS - Matte Brass



GBS - Gloss Brass

CONVERGENCE SERIES | CV

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install

