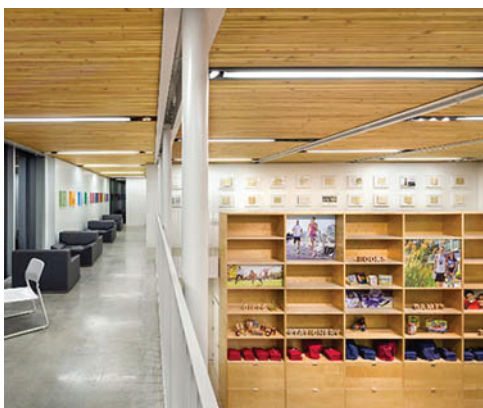




Proprietary industry leading linear LED platform with superior thermal management that yields reliable color consistency and output performance. Available as single module or continuous runs. Suitable for interior applications where general lighting is desired.

Luminaire characteristics:

Power input: 5, 7.5, 10.5 or 20W/ft
Lumens: 350, 550, 700 or 1400lm/ft (for 3000K, 85CRI)
Luminaire efficacy: Up to 75lm/W

Source: Osram Duris®E5 JDSR (LM-80 tested)
3000K : 85CRI typical (min>80CRI)
3500K : 85CRI typical (min>80CRI)
4000K : 85CRI typical (min>80CRI)

Lumen maintenance: 70% of initial lumens at 100 000 hours (L70) (LM-79 tested).

Optics: General lighting

Material: Body: Extruded aluminum
End caps: Die-cast aluminum
Reflector: Whitelite 92% of reflectivity
Diffuser: PMMA frosted acrylic (For sections longer than 8' to a maximum of 24', the frosted diffuser is delivered rolled up in a separate box).

Mounting: Recessed or semi-recessed installation.
Suitable for retrofit or new construction.

Electrical: Integral high efficiency electronic power supply, rated 100 000 hours, 120-277V.

Dimming: 0-10V (Down to 15%)
Hi-lume BUS supply or 3-wire (both Down to 1%).

Finish: White RAL9003 or gray RAL9006 painted finish.

Warranty: 5 year limited warranty.

Ratings: IP20

Certification:  cULus listed for damp location

LENGTH

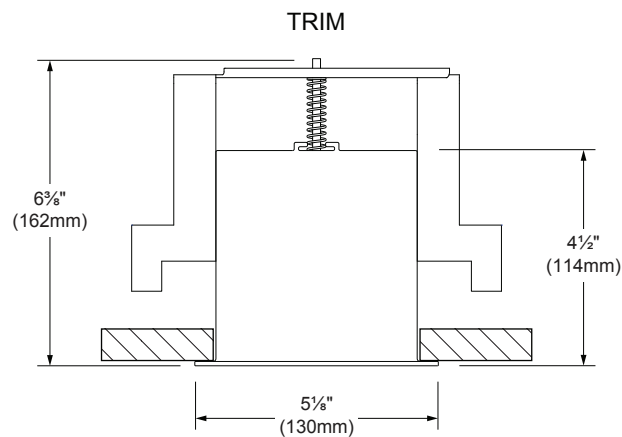
The luminaire runs can be manufactured in most lengths with 01 feet increments.

NOMINAL LENGTHS

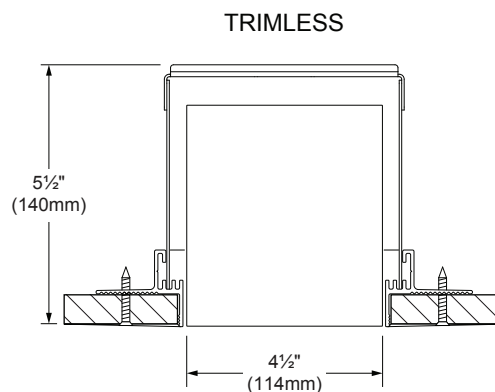
ACTUAL LENGTHS

2'		Trim: 24 $\frac{3}{8}$ " (619mm) Trimless: 23 $\frac{3}{8}$ " (594mm)
3'		Trim: 36 $\frac{1}{4}$ " (921mm) Trimless: 35 $\frac{1}{4}$ " (895mm)
4'		Trim: 48" (1219mm) Trimless: 47" (1194mm)
6'		Trim: 71" (1803mm) Trimless: 70" (1778mm)
8'		Trim: 94 $\frac{1}{2}$ " (2400mm) Trimless: 93 $\frac{1}{2}$ " (2375mm)
12'		Trim: 141 $\frac{1}{8}$ " (3597mm) Trimless: 140 $\frac{1}{8}$ " (3559mm)
16'		Trim: 187 $\frac{7}{8}$ " (4766mm) Trimless: 186 $\frac{5}{8}$ " (4740mm)
24'		Trim: 280 $\frac{7}{8}$ " (7134mm) Trimless: 279 $\frac{5}{8}$ " (7109mm)

DIMENSIONS



SIDE VIEW



SIDE VIEW

FEED INFORMATION

Maximum fixture length per single feed (nominal length):

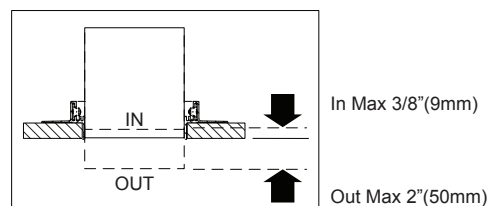
0-10V dimming: 40' (20' for VHO version)

D2A dimming: 56' (28' for VHO version)

D2B dimming: 56' (28' for VHO version)

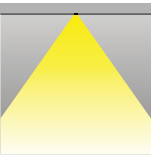
Main feed is located at the beginning of the first section. For longer fixtures subsequent feeds are needed. The feeds are located at the beginning of the next following section

TRIMLESS SEMI-RECESSED MOUNTING OPTION



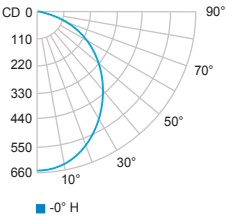
PHOTOMETRIC DATA

Photometric performance is measured at an accredited independent laboratory in accordance with IESNA LM-79. Visit sistemalux.com for complete photometric data.

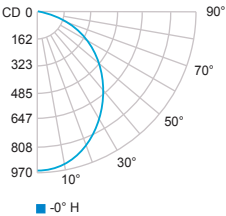


CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MODELS
3000K	85	BO	5W/ft	395	75	8602-XX-BO830
		MO	7.5W/ft	585	75	8602-XX-MO830
		HO	10.5W/ft	745	70	8602-XX-HO830
		VHO	20W/ft	1460	70	8602-XX-VHO830

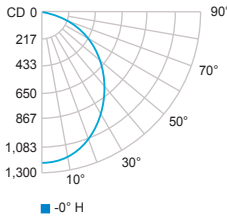
3000K - 85CRI - BO - 4'



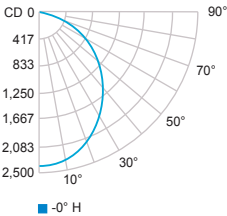
3000K - 85CRI - MO - 4'



3000K - 85CRI - HO - 4'



3000K - 85CRI - VHO - 4'



*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

CCT options	3000K	3500K	4000K
CRI options	85CRI	85CRI	85CRI
Multiplier	1	1.09	1.19

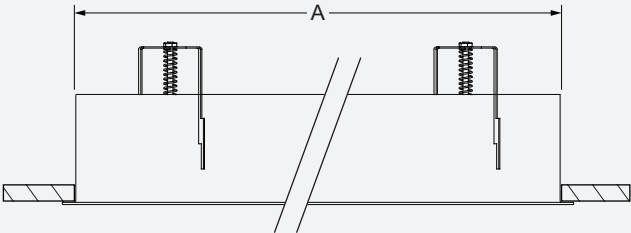
MOUNTING

TRIM (8602)

Clearance: 6 3⁄8" (162mm)
Ceiling thickness: 1⁄8" to 1 3⁄8" (3mm - 35mm)

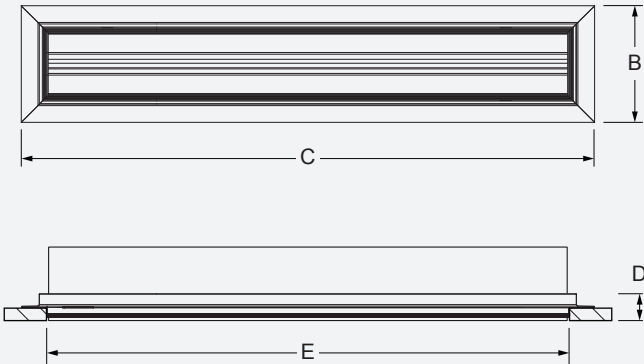
Nominal length	Cut-out dimension (A)
02	4 1⁄2 x 23 5⁄8" (114 x 600mm)
03	4 1⁄2 x 35 1⁄2" (114 x 902mm)
04	4 1⁄2 x 47 1⁄4" (114 x 1200mm)
06	4 1⁄2 x 70 1⁄4" (114 x 1784mm)
08	4 1⁄2 x 93 5⁄8" (114 x 2378mm)
12	4 1⁄2 x 140 1⁄4" (114 x 3562mm)
16	4 1⁄2 x 186 5⁄8" (114 x 4747mm)
24	4 1⁄2 x 280 1⁄8" (114 x 7115mm)

The luminaire runs can be manufactured in most lengths with 01 feet increments.



TRIMLESS (8603)

Clearance: 6 3⁄8" (162mm)
Ceiling thickness: 5⁄8" (16mm)



Trimless frame kit	Nominal length	Frame kit dimension (B x C x D)	Cut-out dimension (E)
7702	02	7 7⁄8" x 27" x 1 5⁄8" (200 x 686 x 41mm)	4 5⁄8" x 24 1⁄8" (117 x 613mm)
7703	03	7 7⁄8" x 38 3⁄8" x 1 5⁄8" (200 x 987 x 41mm)	4 5⁄8" x 36" (117 x 914mm)
7704	04	7 7⁄8" x 50 5⁄8" x 1 5⁄8" (200 x 1286 x 41mm)	4 5⁄8" x 47 3⁄4" (117 x 1213mm)
7706	06	7 7⁄8" x 72" x 1 5⁄8" (200 x 1829 x 41mm)	4 5⁄8" x 70 3⁄4" (117 x 1797mm)
7708	08	7 7⁄8" x 97 1⁄8" x 1 5⁄8" (200 x 2467 x 41mm)	4 5⁄8" x 94 1⁄8" (117 x 2391mm)
7712	12	7 7⁄8" x 143 3⁄8" x 1 5⁄8" (200 x 3654 x 41mm)	4 5⁄8" x 140 3⁄8" (117 x 3578mm)
7716	16	7 7⁄8" x 190 3⁄8" x 1 5⁄8" (200 x 4836 x 41mm)	4 5⁄8" x 187 3⁄8" (117 x 4759mm)
7724	24	7 7⁄8" x 283 1⁄2" x 1 5⁄8" (200 x 7201 x 41mm)	4 5⁄8" x 280 3⁄8" (117 x 7122mm)

The luminaire runs can be manufactured in most lengths with 01 feet increments.

ORDERING INFO

- - **F UNV**

FIXTURE

TRIMLESS FRAME KIT



MODEL

☐ **8602** - Trim☐ **8603** - Trimless

LENGTH

_____ Refer to configurations table on page 2.

OUTPUT

☐ **BO** - Base output☐ **MO** - Medium output☐ **HO** - High output☐ **VHO** - Very high output

LED

☐ **830** - 3000K, 85CRI☐ **835** - 3500K, 85CRI☐ **840** - 4000K, 85CRI

OPTIC

☒ **F** - Frosted

VOLTAGE

☒ **UNV** - 120-277V

FINISH

☐ **01** - White☐ **10** - Gray

DIMMING

☐ **D10** - 0-10V (down to 15%)☐ **D2A** - Lutron Hi-lume® 3 wire (down to 1%)☐ **D2B** - Lutron Hi-lume® BUS supply (down to 1%)