

Proprietary industry leading linear LED platform with superior thermal management that yields reliable color consistency and output performance. The dedicated heat sink maintains the LED temperature at minimal level to ensure reliability in all conditions. Available as single module or continuous runs. Suitable for interior applications where general lighting is desired.

Luminaire characteristic:

Power input: 5W/ft to 20W/ft
Lumens: 350lm/ft to 1400lm/ft (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.

Optic: General lighting

Material: Body: extruded aluminum
End caps: die-cast aluminum
Reflector: whielite 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: Surface mounted with included brackets. Installs on a standard 4" junction box.

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

Dimming: 0-10V (Down to 15%),
Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black).

Finish: White (RAL9003) or gray (RAL9006) painted finish.

Warranty: 5 year limited warranty.

Ratings: IP20

Certification: cULus listed for damp location. Interior use only.



ORDERING INFO

8604 - - - - F - UNV - -
FIXTURE

MODEL

8604 - Surface

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%) **D2B** - Lutron Hi Lume® 1% EcoSystem™
(Soft-on, Fade to Black)

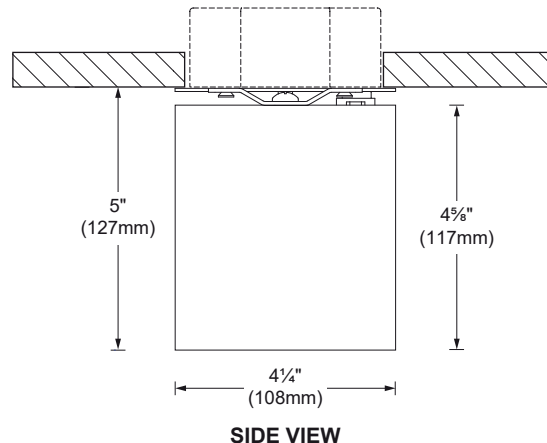
LENGTH

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

NOMINAL LENGTH ACTUAL LENGTH

2'	L: 23 ³ / ₈ " (594mm)	
3'	L: 35 ¹ / ₄ " (895mm)	
4'	L: 47" (1194mm)	
6'	L: 70" (1778mm)	
8'	L: 93 ¹ / ₂ " (2375mm)	
12'	L: 140 ³ / ₈ " (3559mm)	
16'	L: 186 ³ / ₈ " (4740mm)	
24'	L: 279 ³ / ₈ " (7109mm)	

DIMENSION



FEED INFORMATION

Maximum fixture length per single feed (nominal length) :

0-10V dimming: 32' (16' for VHO version)

D2B dimming: 44' (22' for VHO version)

Main feed is located on the center of the fixture for 2' to 4' models and at 24" from the beginning of the first section for 8' and longer units. For longer fixtures subsequent feeds are needed. The feeds are located at 24" from the beginning of the next following section.

MOUNTING

Canopy comes in white, for other colors contact factory.

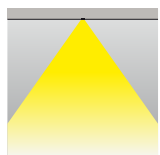
LED COLOR FIDELITY DATA

CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
3000K	80	88	95	82	80	84	85	62	10	72	82	67	82	97	73	83	99	0.478
3500K	82	89	95	84	83	86	86	65	13	75	85	71	84	97	75	85	99	0.578
4000K	84	90	94	85	85	87	87	69	21	77	85	70	86	97	79	86	98	0.689

PHOTOMETRIC DATA

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

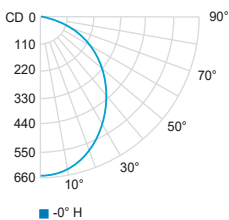
GENERAL LIGHT



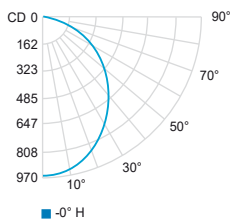
CCT (K)	CRI	OUTPUT (W/ft)	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MODELS
3000K	85	BO	5W/ft	395	75	8604-XX-BO830
		MO	7.5W/ft	585	75	8604-XX-MO830
		HO	10.5W/ft	745	70	8604-XX-HO830
		VHO	20W/ft	1460	70	8604-XX-VHO830

***USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA**

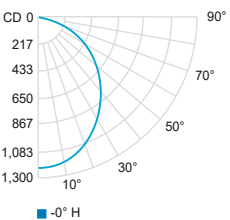
3000K - 85CRI - BO - 4'



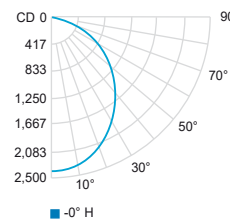
3000K - 85CRI - MO - 4'



3000K - 85CRI - HO - 4'



3000K - 85CRI - VHO - 4'



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