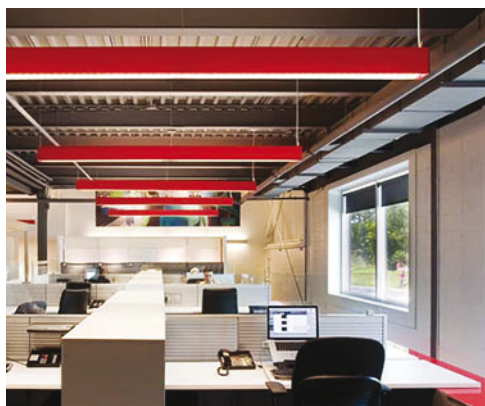




Proprietary industry leading linear LED platform with superior thermal management that yields reliable color consistency and output performance. Available as single module or continuous runs. Suitable for interior applications where general lighting is desired.

Luminaire characteristic:

Power input: 5, 7.5, 10.5 or 20W/ft
Lumens: 350, 550, 700 or 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 (L70) (LM-79 tested).

Optic: 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: Supplied with aircraft cable suspension 5' (1500mm) long. To be installed on a 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).
Up & down model with dimming supplied standard with 1 circuit only. 2 circuits available upon request, with additional canopy.

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

- - - - - **- F - UNV -** -
FIXTURE

MODEL

- ☐ **8605** - Down ☐ **8606** - Up and down

LENGTH

Refer to configurations table on page 2.

INDIRECT OUTPUT

- ☐ **BO** - Base output ☐ **MO** - Medium output ☐ **HO** - High output

DIRECT OUTPUT

- ☐ **BO** - Base output ☐ **MO** - Medium output ☐ **HO** - High output ☐ **VHO⁽¹⁾** - Very high

LED

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

OPTIC

- ☒ **F** - Frosted

VOLTAGE

- ☒ **UNV** - 120-277V

FINISH

- ☐ **01** - White ☐ **10** - Gray

DIMMING⁽²⁾

- ☐ **D10** - 0-10V (down to 15%) ☐ **D2B** - Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)

⁽¹⁾ Only available for Down model (8605).

⁽²⁾ Up & down model with Dimming supplied standard with 1 circuit only. 2 circuits available upon request, with additional canopy.

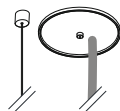
MOUNTING

All suspension fittings and canopy come in white, for other colors contact factory.
All part and hardware are included.

DEFAULT FACTORY OPTION



ALTERNATE OPTION (to be changed on site)



LENGTH

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

NOMINAL LENGTH

2'		L: 23 $\frac{3}{8}$ " (594mm)
3'		L: 35 $\frac{1}{4}$ " (895mm)
4'		L: 47" (1194mm)
6'		L: 70" (1778mm)
8'		L: 93 $\frac{1}{2}$ " (2375mm)
12'		L: 140 $\frac{1}{8}$ " (3559mm)
16'		L: 186 $\frac{5}{8}$ " (4740mm)
24'		L: 279 $\frac{5}{8}$ " (7109mm)

FEED INFORMATION

Maximum fixture length per single feed (nominal length) :

No dimming: 32' (2 circuits)

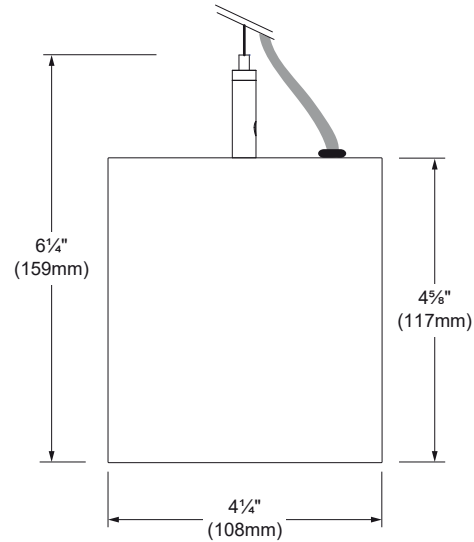
0-10V dimming: 32' (16' 1 circuit and VHO only version)

D2B dimming: 44' (22' 1 circuit and VHO only 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, except for the last feed who is located at the end of the last section of the fixture.

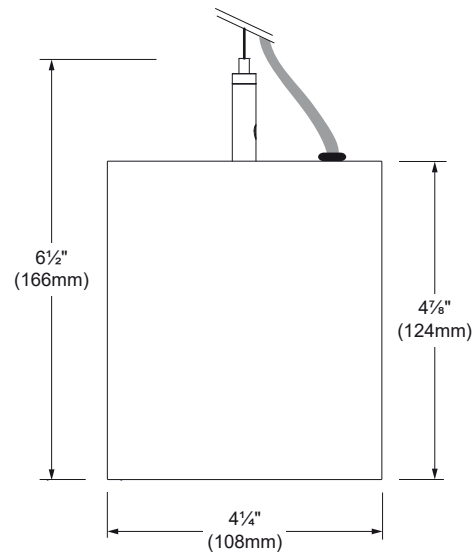
DIMENSION

DOWN (8605)



SIDE VIEW

UP & DOWN (8606)



SIDE VIEW

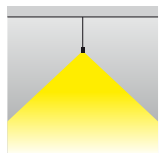
LED COLOR FIDELITY DATA

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.

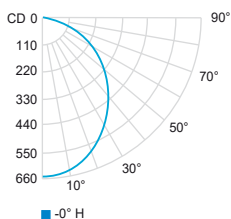
GENERAL LIGHT down (8605)



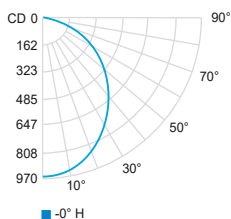
CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MODELS
3000K	85	BO	5W/ft	395	75	8605-XX-BO830
		MO	7.5W/ft	585	75	8605-XX-MO830
		HO	10.5W/ft	745	70	8605-XX-HO830
		VHO	20W/ft	1460	70	8605-XX-VHO830

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

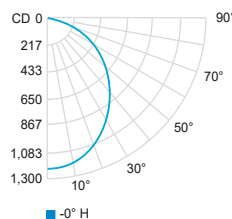
3000K - 85CRI - BO - 4'



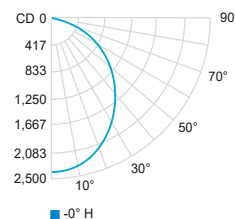
3000K - 85CRI - MO - 4'



3000K - 85CRI - HO - 4'



3000K - 85CRI - VHO - 4'



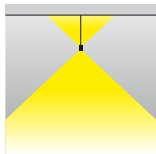
CCT options	3000K	3500K	4000K
CRI options	85CRI	85CRI	85CRI
Multiplier	1	1.09	1.19

PHOTOMETRIC DATA

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

GENERAL LIGHT

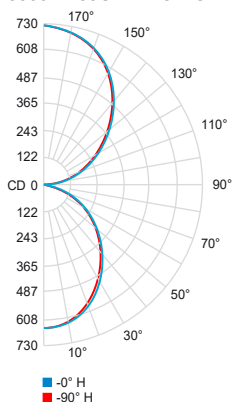
Up and down (8606)



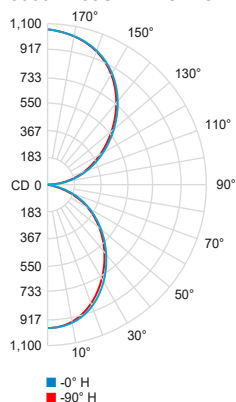
CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	MODELS
3000K	85	BO-BO	9.5W/ft	885	93	8606-XX-BOBO830
		MO-MO	15W/ft	1300	86	8606-XX-MOMO830
		HO-HO	20.5W/ft	1660	80	8606-XX-HOHO830

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

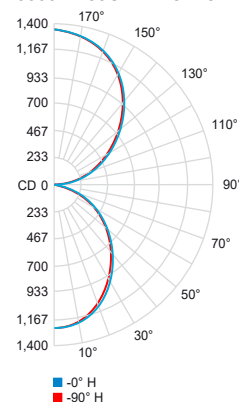
3000K - 85CRI - BO-BO - 4'



3000K - 85CRI - MO-MO - 4'



3000K - 85CRI - HO-HO - 4'



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