

Collection of LED track projectors for commercial applications. Timeless design with harmonious proportions this elegant series of projectors is suitable for most modern interiors. Proprietary heat sink design with exceptional thermal performance yields reliable color consistency and output performance during the life of the product.

Luminaire characteristics:

Power input: 14W and 18.5W
Lumens: 815lm to 1 200lm (3000K)
Luminaire efficacy: Up to 72lm/W

Source: BRIDGELUX FULL SPECTRUM LED MODULE (LM-80):
2700K,
3000K,
3500K.

Lumen maintenance: 90% of initial lumens at 100 000 hours (L90).

Optics: Available in spot, narrow flood, flood and wide flood.

Material: Body: Extruded aluminum housing and heatsink, die-cast aluminum pivot arm and trim.
Reflector: High bright faceted aluminum.
Lens: PMMA TIR.

Mounting: **Tracks:**
Sistemalux one circuit.
Juno®.
Canopy:
Round canopy, mounted on a 4" standard octogonal junction box.

Adjustment: Tilt adjustment: 90°,
Pan ajustement: 165°/165°.

Electrical: Integral high efficiency LED driver rated at 50 000 hours, 120V or 120-277V.


Dimming: Leading (Triac) and trailing edge (ELV), down to 15% (120V) and 0-10V down to 15% (120-277V) for canopy model.

Finish: White (RAL9003) or matte black.
Track adaptor or canopy will match fixture color.

Weight: 1.4lb (0.64kg)

Warranty: 5 year limited warranty.

Ratings: IP20

Certification:  cULus listed for damp location for canopy model.
cULus listed for dry location for track model.

ORDERING INFO

1760 - - - - -
FIXTURE



MOUNTING

- S1** - Sistemalux one circuit track⁽¹⁾ **J** - Juno⁽²⁾ **C** - Canopy

OUTPUT

- BO** - Base output **HO** - High output

LED

- F27** - 2700K, Full spectrum **F30** - 3000K, Full spectrum **F35** - 3500K, Full spectrum

OPTIC

TIR LENS

- LSP** - Lens spot (15°)

ALUMINUM REFLECTOR

- 20** - Spot (25°) **40** - Narrow flood (33°) **50** - Flood (42°) **60** - Wide flood (59°)

VOLTAGE

- 120** - 120V⁽²⁾ **UNV** - 120-277V⁽³⁾

FINISH

- 01** - White **52** - Black matte

DIMMING**

- D10** - 0-10V⁽³⁾ **LTE** - Leading and trailing edge (120V only)

⁽¹⁾ 8000-S1 series. Also compatible with Cooper Lighting's Halo® L series tracks.

⁽²⁾ Compatible with one circuit Juno® T series tracks.

⁽³⁾ Available for canopy (C) mounting.

ACCESSORIES (TO BE ORDERED SEPARATELY)

Fixture can hold a maximum of 3 accessories at a time.



SOFT FOCUS LENS

1593



FROSTED LENS

1599



ELLIPTIC LENS

1598



BLACK HEX CELL LOUVER

1596-52



INTERCHANGEABLE ALUMINUM REFLECTOR

AVAILABLE WITH REFLECTOR OPTICS

Optic 20

1740 - 25°

Optic 40

1741 - 33°

Optic 50

1742 - 42°

Optic 60

1743 - 59°



BLACK CROSS BAFFLE

1594-52 - Length: 5/8" (15mm)



BLACK SNOOT

1597-52 - Length: 1 1/8" (29mm)



WHITE SNOOT / BLACK INTERIOR

1597-21 - Length: 1 1/8" (29mm)

BLACK VISOR WALL WASHER

1595-52 - Length: 1 5/16" (33mm)



FULL SPECTRUM SOLUTION FOR NATURAL LIGHT

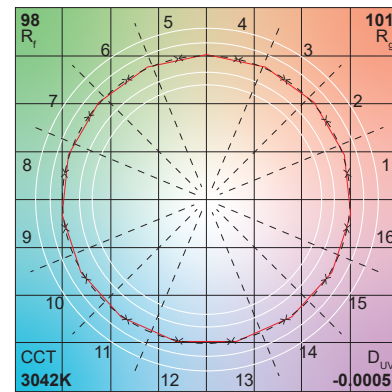
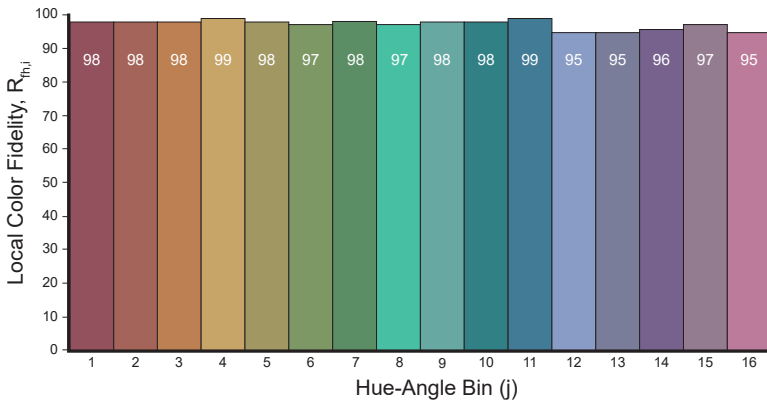
Engineered to provide the closest match to natural light available, our full spectrum solution brings natural light indoors.

The high-fidelity spectral output creates stunning environments with excellent color rendering and outstanding TM-30 metrics. Target applications included office, education, healthcare, retail, hospitality, architectural, museums, and residential lighting.

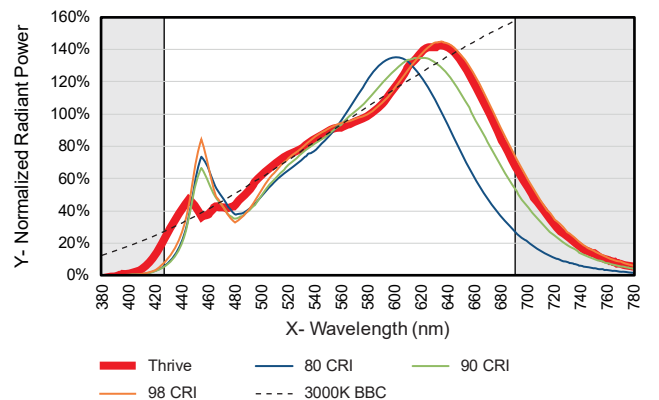
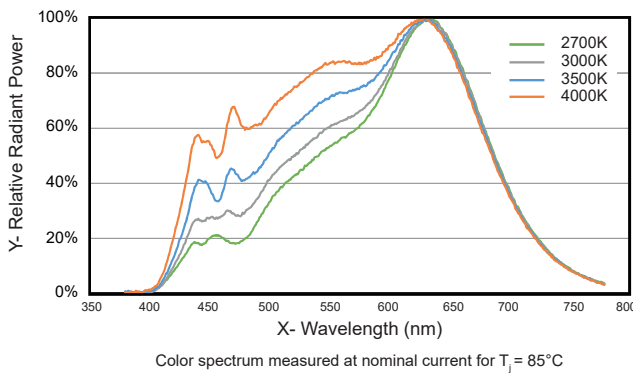
Nominal CCT ¹	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg
2700K	97	99	94	94	97	98	97	98	99	97	91	98	98	95	98	95	103
3000K	98	99	93	94	97	98	96	96	97	96	92	95	98	95	97	95	104
3500K	98	98	97	98	98	98	98	97	93	97	97	95	98	97	98	95	98

Typical Color Rendering Index and TM-30 Values at, T = 85°C

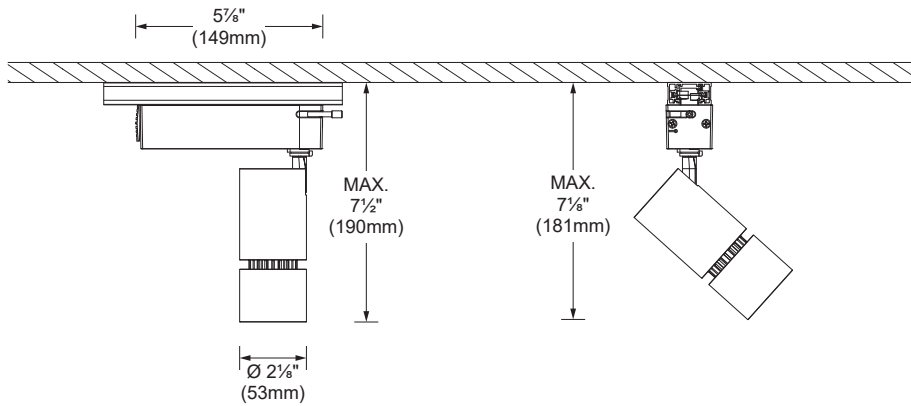
TM-30 Data for 3000K



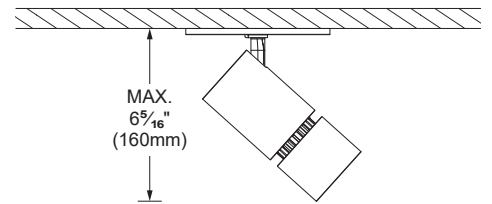
Typical Color Spectrum



MOUNTING



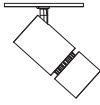
1760S1 / J
suitable for ceiling



1760C
suitable for ceiling and wall

PHOTOMETRIC DATA

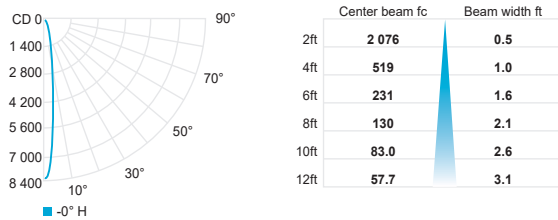
Photometric performance is measured at an accredited independent laboratory in accordance with IESNA LM-79. Visit sistemalux.com for complete photometric data.



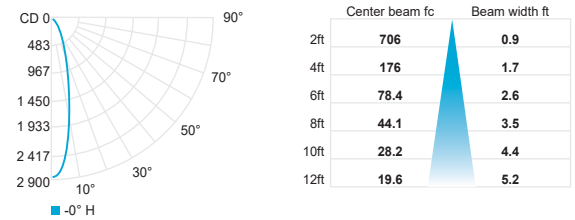
CCT (K)	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000K	BO	14.5W	Lens spot 15°	815	56	8 300	1760-BO-F30-LSP
		14W	Spot 25°	880	62	2 820	1760-BO-F30-20
			Narrow flood 33°	835	59	2 045	1760-BO-F30-40
			Flood 42°	845	60	1 550	1760-BO-F30-50
			Wide flood 59°	860	61	1 030	1760-BO-F30-60
	HO	18.5W	Lens spot 15°	960	51	9 785	1760-HO-F30-LSP
		16.5W	Spot 26°	1 200	72	3 890	1760-HO-F30-20
			Narrow flood 33°	1 195	72	2 855	1760-HO-F30-40
			Flood 42°	1 190	72	2 115	1760-HO-F30-50
			Wide flood 59°	1 190	72	1 420	1760-HO-F30-60

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

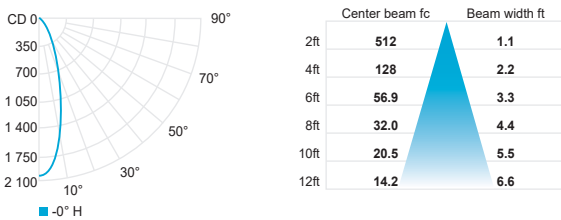
Lens spot BO 15° (3000K, Full spectrum)



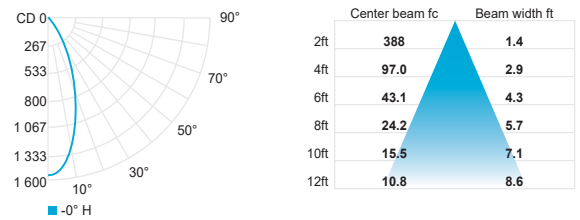
Spot BO 25° (3000K, Full spectrum)



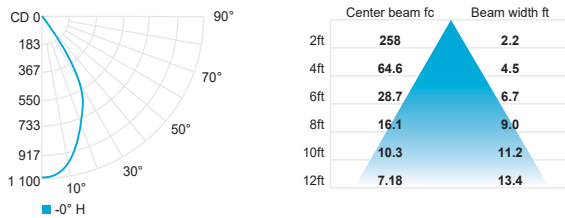
Narrow flood BO 33° (3000K, Full spectrum)



Flood BO 42° (3000K, Full spectrum)



Wide flood BO 59° (3000K, Full spectrum)



	Reflector			Lens spot 15° (LSP)		
	2700K	3000K	3500K	2700K	3000K	3500K
CCT options	2700K	3000K	3500K	2700K	3000K	3500K
CRI options	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum
Multiplier	0.92	1	1.04	0.93	1	1.04