



Collection of pendants luminaire for commercial and institutional applications. Canopy mounted, with complete range of optical accessories, Studio is a flexible solution for general lighting in large spaces. Unique thermal management design guarantees long lasting performance.

Luminaire characteristic:

Power input: 12.5W to 49W
Lumens: 815lm to 3 395lm (3000K)
Luminaire efficacy: Up to 74lm/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: Optical body, pivot arm and trim: Die-cast aluminum,
Heat sink: Aluminum alloy,
Reflector: High bright faceted aluminum,
Lens: PMMA TIR.

Mounting: Supplied with 57" (1448mm) field adjustable (field adjustable) and a round painted canopy to be installed on a standard 4" octogonal junction box. For longer suspension cable, contact factory. Also available with one or two circuit track upon request.

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


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

Finish: White RAL9003 or matte black.
Cable and canopy will match fixture color.

Weight: 1.5lbs to 3.9lbs (0.68kg to 1.77kg)

Warranty: 5 year limited warranty.

Ratings: IP20

Certification:  cULus listed for damp location for canopy model.

ORDERING INFO

C P - - - -

FIXTURE

MODEL

- 1770** - Small **1780** - Medium **1790** - Large

MOUNTING⁽¹⁾

- C** - Canopy

TYPE

- P** - Pendant

OUTPUT

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

LED

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

OPTIC

TIR LENS

- LSP - Spot**
- Studio small (15°)

ALUMINUM REFLECTOR

- 20 - Spot**
- Studio small (26°)
- Studio medium (25°)
- Studio large (25°)

- 40 - Narrow flood**
- Studio small (33°)
- Studio medium (33°)
- Studio large (36°)

- 50 - Flood**
- Studio small (42°)
- Studio medium (49°)
- Studio large (57°)

- 60 - Wide flood**
- Studio small (57°)

VOLTAGE

- 120** - 120V **UNV** - 120-277V

FINISH

- 01** - White **52** - Matte black

DIMMING

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

⁽¹⁾ Also available with one or two circuit tracks upon request. Please contact customer service.

ACCESSORIES (TO BE ORDERED SEPARATELY)

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



SOFT FOCUS LENS

- 1593** - For studio small
(included with reflector optic)
- 1725** - For studio medium and large



BLACK CROSS BAFFLE

- 1694-52** - For Studio small (Length: 7/8" - 21mm)
- 1730-52** - For Studio medium (Length: 1 1/2" - 38mm)
- 1724-52** - For Studio large (Length: 1 3/4" - 47mm)



FROSTED LENS

- 1599** - For Studio small
- 1726** - For Studio medium and large



BLACK SNOOT

- 1697-52** - For Studio small (Length: 1 1/8" - 40mm)
- 1729-52** - For studio medium (Length: 2 1/2" - 64mm)
- 1732-52** - For studio large (Length: 2 3/4" - 72mm)



ELLIPTIC LENS

- 1598** - For Studio small
- 1727** - For Studio medium and large



WHITE SNOOT / BLACK INTERIOR

- 1697-21** - For Studio small (Length: 1 1/8" - 40mm)
- 1729-21** - For studio medium (Length: 2 1/2" - 64mm)
- 1732-21** - For studio large (Length: 2 3/4" - 72mm)



BLACK HEX CELL LOUVER

- 1596-52** - For Studio small
- 1728-52** - For Studio medium and large



BLACK VISOR WALL WASHER

- 1700-52** - For studio small (Length: 1 1/8" - 40mm)
- 1731-52** - For studio medium (Length: 2 1/2" - 64mm)
- 1733-52** - For studio large (Length: 2 3/4" - 72mm)



INTERCHANGEABLE ALUMINUM REFLECTOR

AVAILABLE WITH REFLECTOR OPTICS

Optic 20

- 1740** - For Studio small (26°)
- 1736** - For Studio medium and large (25°)

Optic 40

- 1741** - For Studio small (33°)
- 1737** - For Studio medium and large (33° / 36°)



Optic 50

- 1742** - For Studio small (42°)
- 1738** - For Studio medium and large (49° / 57°)

Optic 60

- 1743** - For Studio small (57°)

ADJUSTABLE BARN DOORS

- 1739-52** - For studio medium (Length: 3 1/4" - 83mm)
- 1734-52** - For studio large (Length: 3 3/4" - 93.5mm)



FULL SPECTRUM SOLUTION FOR NATURAL LIGHT

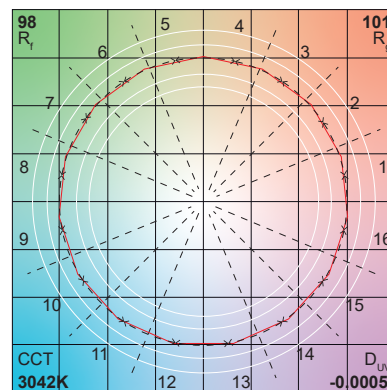
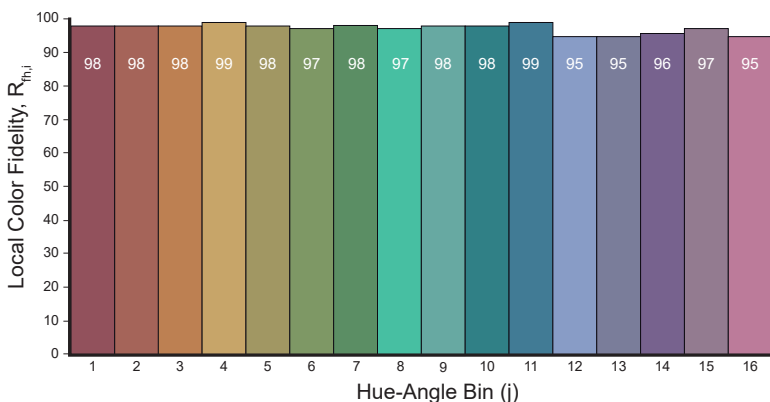
Engineered to provide the closest match to natural light available, our full spectrum solution brings natural light indoors.

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.

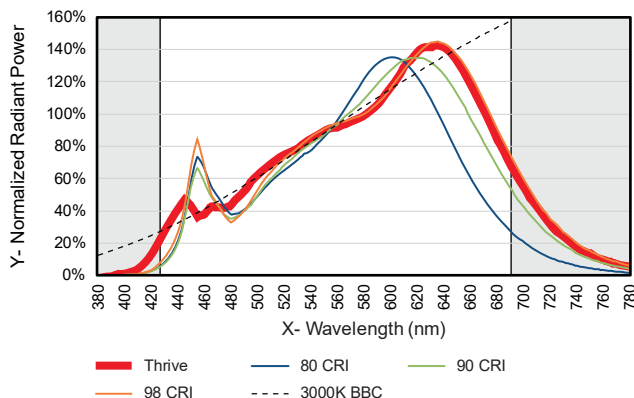
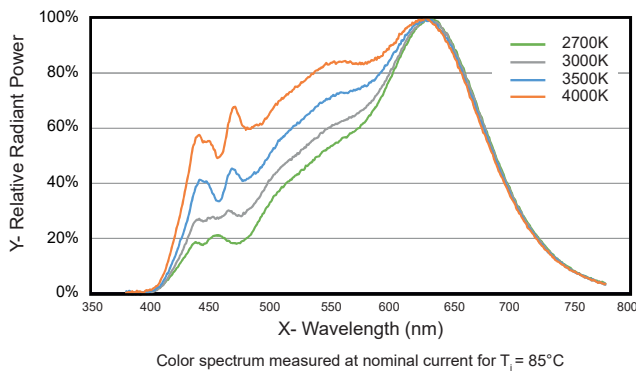
Nominal CCT ¹	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg
2700K	97	99	94	94	97	98	97	98	99	97	91	98	98	95	98	95	103
3000K	98	99	93	94	97	98	96	96	97	96	92	95	98	95	97	95	104
3500K	98	98	97	98	98	98	98	97	93	97	97	95	98	97	98	95	98

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

TM-30 Data for 3000K

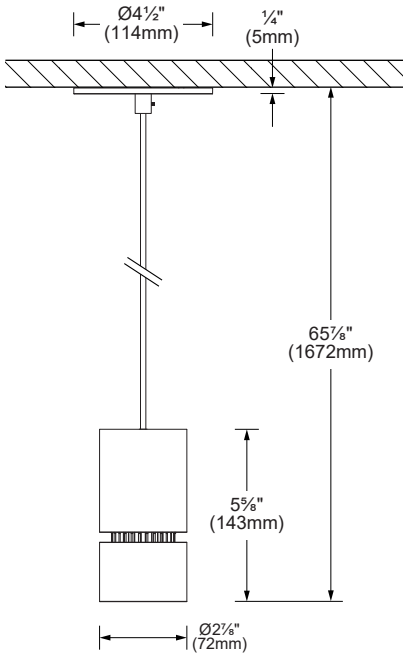


Typical Color Spectrum

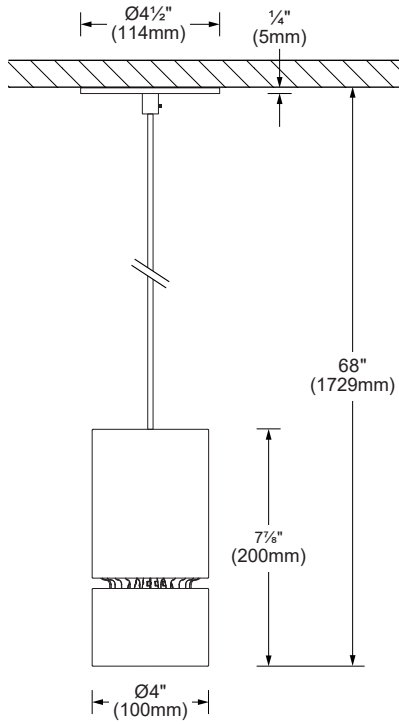


DIMENSIONS

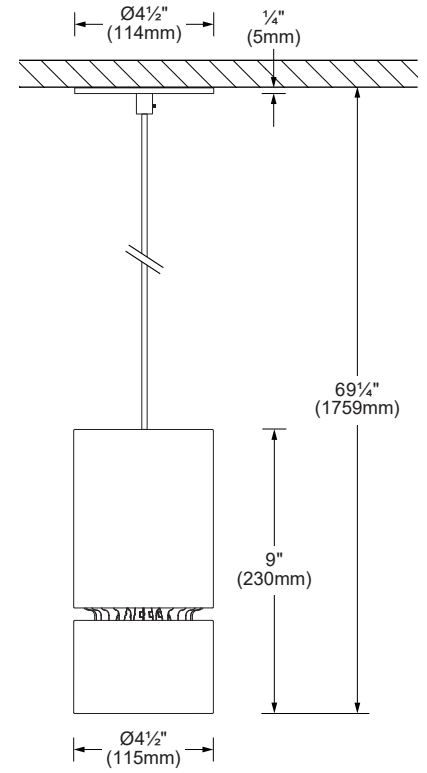
SMALL (1770)



MEDIUM (1780)



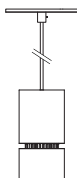
LARGE (1790)



PHOTOMETRIC DATA

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

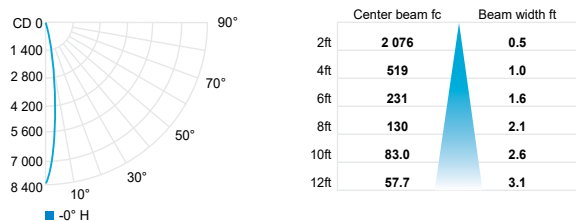
SMALL (1770)



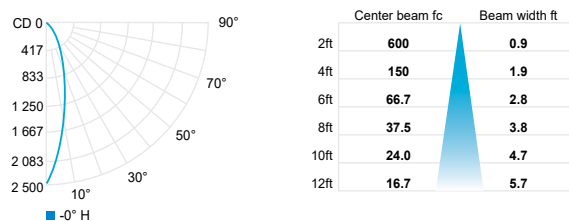
CCT (K)	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000K	BO	14.5W	Lens spot 15°	815	56	8 300	1770-BO-F30-LSP
		12.5W	Spot 26°	920	73	2 400	1770-BO-F30-20
			Narrow flood 33°	905	72	1 830	1770-BO-F30-40
			Flood 42°	900	72	1 420	1770-BO-F30-50
			Wide flood 57°	920	73	1 045	1770-BO-F30-60
	HO	18.5W	Lens spot 15°	1 075	58	10 990	1770-HO-F30-LSP
		19.5W	Spot 26°	1 345	69	3 585	1770-HO-F30-20
			Flood 33°	1 320	67	2 670	1770-HO-F30-40
			Flood 42°	1 315	67	2 075	1770-HO-F30-50
			Wide flood 57°	1 345	68	1 545	1770-HO-F30-60

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

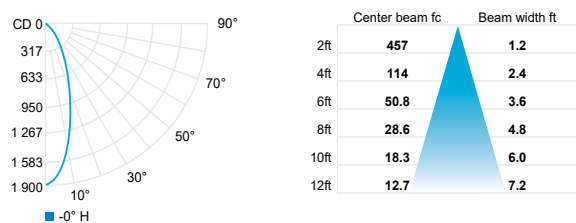
Lens spot BO 15°(3000K, Full spectrum)



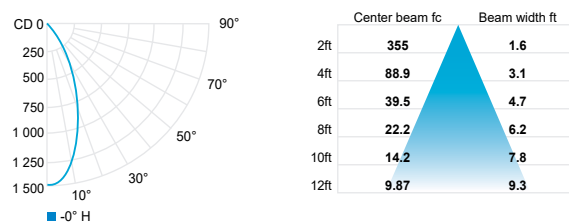
Spot BO 26°(3000K, Full spectrum)



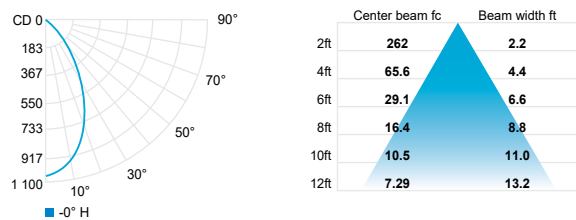
Narrow flood BO 33° (3000K, Full spectrum)



Flood BO 42° (3000K, Full spectrum)



Wide flood BO 57°(3000K, Full spectrum)

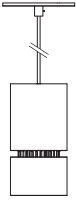


	Reflector			Lens spot 15° (LSP)		
CCT options	2700K	3000K	3500K	2700K	3000K	3500K
CRI options	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum
Multiplier	0.92	1	1.03	0.94	1	1.05

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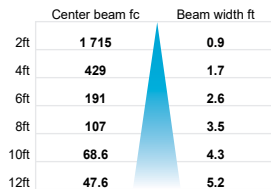
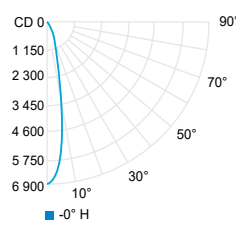
MEDIUM (1780)



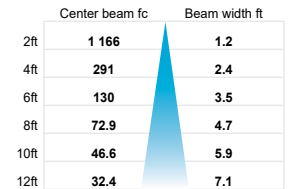
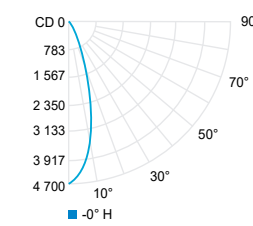
CCT (K)	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000K	BO	26.5W	Spot 25°	1 675	63	6 855	1780-BO-F30-20
			Narrow flood 33°	1 670	63	4 660	1780-BO-F30-40
			Flood 49°	1 605	63	2 475	1780-BO-F30-50
	HO	35.5W	Spot 25°	2 120	59	8 695	1780-HO-F30-20
			Narrow flood 33°	2 115	59	5 910	1780-HO-F30-40
			Flood 49°	2 035	57	3 125	1780-HO-F30-50

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

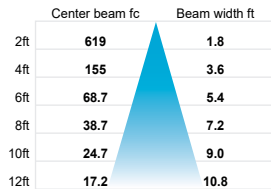
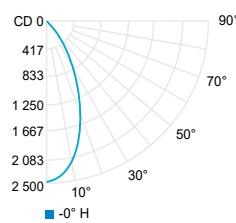
Spot BO 25° (3000K, Full spectrum)



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



Flood BO 49° (3000K, Full spectrum)

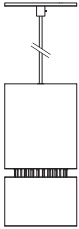


	Reflector		
CCT options	2700K	3000K	3500K
CRI options	Full spectrum	Full spectrum	Full spectrum
Multiplier	0.92	1	1.03

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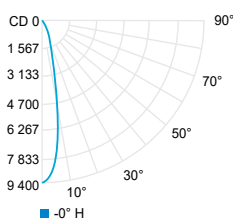
LARGE (1790)



CCT (K)	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000K	BO	35W	Spot 25°	2 600	74	9 310	1790-BO-F30-20
			Narrow flood 36°	2 565	73	5 620	1790-BO-F30-40
			Flood 57°	2 525	72	3 010	1790-BO-F30-50
	HO	49W	Spot 25°	3 395	69	12 160	1790-HO-F30-20
			Narrow flood 36°	3 350	68	7 345	1790-HO-F30-40
			Flood 57°	3 300	56	3 930	1790-HO-F30-50

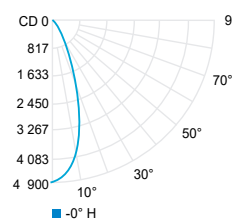
*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

Spot BO 25° (3000K, Full spectrum)



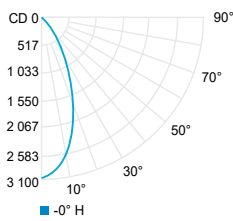
Center beam fc	Beam width ft
2ft	2 329
4ft	582
6ft	259
8ft	146
10ft	93.1
12ft	64.7

Narrow flood BO 36° (3000K, Full spectrum)



Center beam fc	Beam width ft
2ft	1 406
4ft	352
6ft	156
8ft	87.9
10ft	56.2
12ft	39.1

Flood BO 57° (3000K, Full spectrum)



Center beam fc	Beam width ft
2ft	753
4ft	188
6ft	83.6
8ft	47.0
10ft	30.1
12ft	20.9

	Reflector		
	2700K	3000K	3500K
CCT options	2700K	3000K	3500K
CRI options	Full spectrum	Full spectrum	Full spectrum
Multiplier	0.93	1	1.04