



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 characteristics:

Power input: 12.5W to 49W
Lumens: 890lm to 4675lm (for 3000K, 80CRI)
Luminaire efficacy: Up to 104lm/W

Source: BRIDGELUX VERO LED MODULE (LM-80 tested)
2700K: 90CRI,
3000K: 80CRI, 90CRI,
3500K: 80CRI, 90CRI,
4000K: 80CRI.

Lumen maintenance: 90% of initial lumens at 132 000 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" octagonal junction box. For longer suspension cable, contact factory.

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: 1.5lb to 3.9lb (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

- 927** - 2700K, 90CRI **830** - 3000K, 80CRI **835** - 3500K, 80CRI **840** - 4000K, 80CRI
 930 - 3000K, 90CRI **935** - 3500K, 90CRI

OPTIC

- LSP - Lentille Spot⁽²⁾**
 - Studio small (15°)
 - Studio medium (15°)
 - Studio large (15°)
- 20 - Spot**
 - Studio small (26°)
 - Studio medium (24°)
 - Studio large (24°)
- 40 - Narrow flood**
 - Studio small (33°)
 - Studio medium (34°)
 - Studio large (39°)
- 50 - Flood**
 - Studio small (42°)
 - Studio medium (48°)
 - Studio large (50°)
- 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.

⁽²⁾ Available for 927, 930, 935 LED.

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
- 1720** - For studio large



FROSTED LENS

- 1599** - For Studio small
- 1726** - For Studio medium
- 1721** - For Studio large



ELLIPTIC LENS

- 1598** - For Studio small
- 1727** - For Studio medium
- 1722** - For Studio large



BLACK HEX CELL LOUVER

- 1596-52** - For Studio small
- 1728-52** - For Studio medium
- 1723-52** - For Studio large



INTERCHANGEABLE ALUMINUM REFLECTOR

AVAILABLE WITH REFLECTOR OPTICS

Optic 20

- 1740** - For Studio small (26°)
- 1736** - For Studio medium (24°)
- 1715** - For Studio large (24°)

Optic 40

- 1741** - For Studio small (33°)
- 1737** - For Studio medium (34°)
- 1716** - For Studio large (38°)

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)



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 7/8" - 72mm)



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 7/8" - 72mm)



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 7/8" - 72mm)



ADJUSTABLE BARN DOORS

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



Optic 50

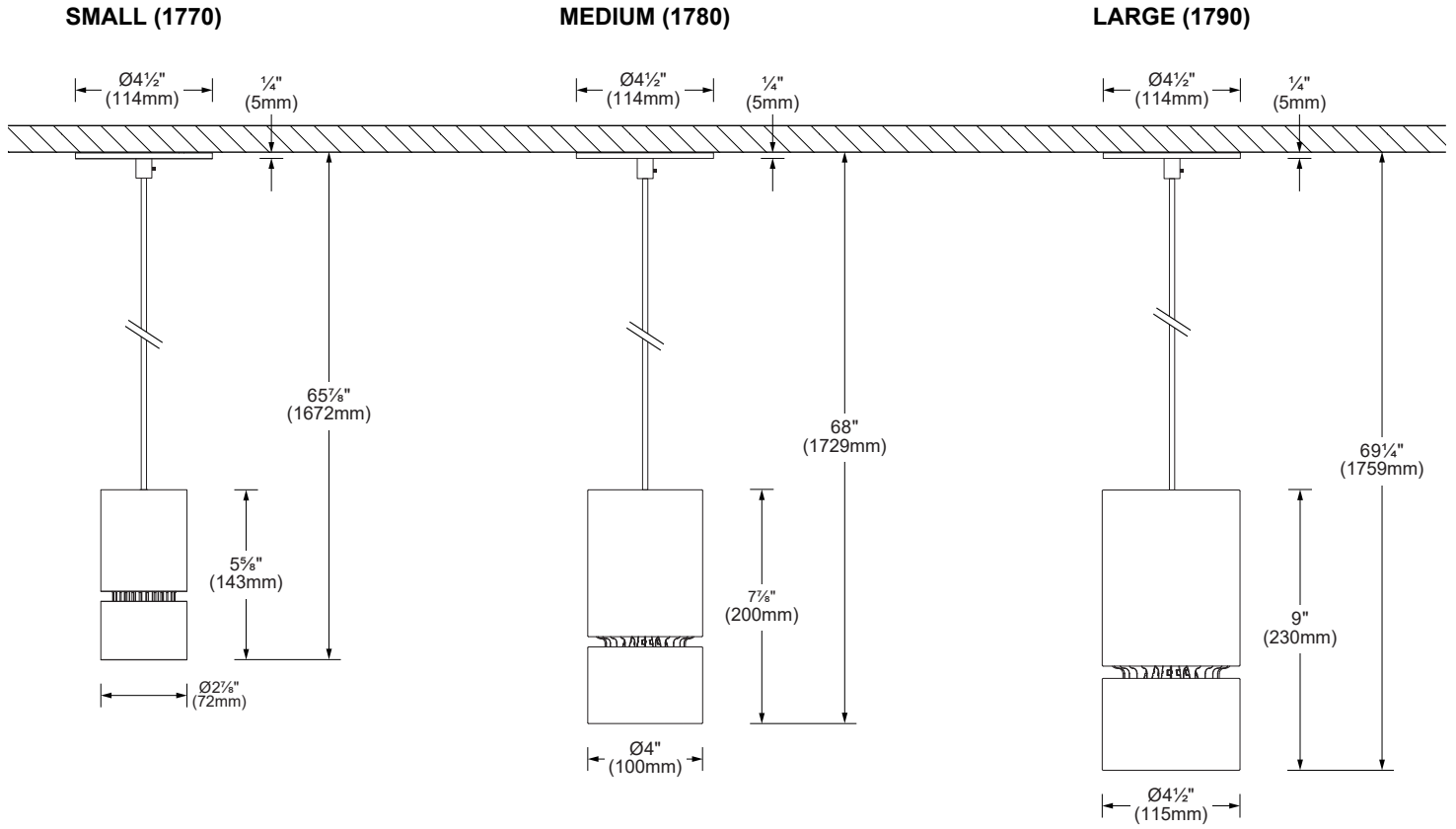
- 1742** - For Studio small (42°)
- 1738** - For Studio medium (48°)
- 1717** - For Studio large (46°)

Optic 60

- 1743** - For Studio small (57°)



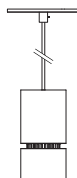
DIMENSIONS



PHOTOMETRIC DATA

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

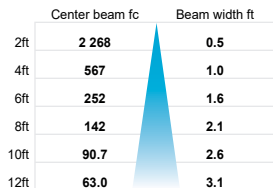
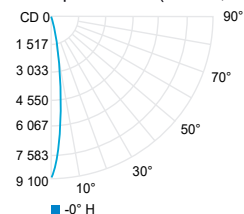
SMALL (1770)



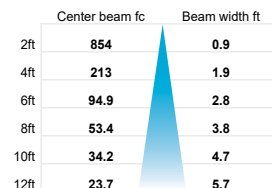
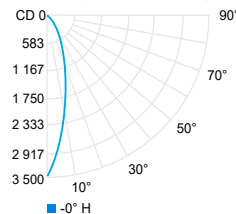
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)	MODELS
3000K	90	BO	14.5W	15°	890	61	9 070	1770-BO-930-LSP
				26°	1 310	104	3 410	1770-BO-830-20
			12.5W	33°	1 285	102	2 600	1770-BO-830-40
				42°	1 285	102	2 020	1770-BO-830-50
				57°	1 310	104	1 490	1770-BO-830-60
	80	HO	18.5W	15°	1 075	58	10 990	1770-HO-930-LSP
				26°	1 920	98	5 115	1770-HO-830-20
			19.5W	33°	1 885	96	3 810	1770-HO-830-40
				42°	1 880	96	2 960	1770-HO-830-50
				57°	1 920	98	2 185	1770-HO-830-60

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

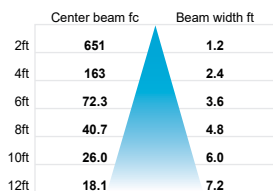
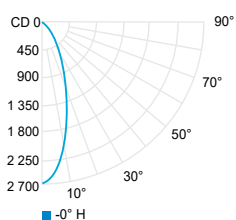
Lens spot BO 15°(3000K, 90CRI)



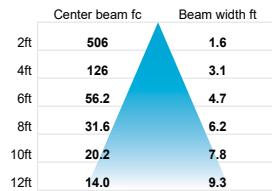
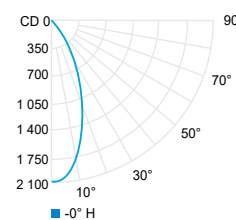
BO 26°(3000K, 80CRI)



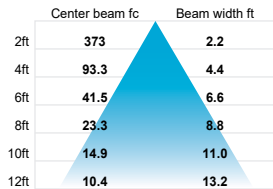
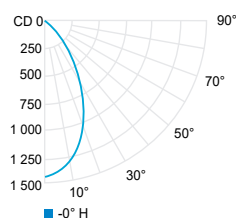
BO 33° (3000K, 80CRI)



BO 42° (3000K, 80CRI)



BO 57°(3000K, 80CRI)

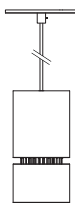


	Reflector						Lens spot 15° (LSP)		
	2700K	3000K	3000K	3500K	3500K	4000K	2700K	3000K	3500K
CCT options	2700K	3000K	3000K	3500K	3500K	4000K	2700K	3000K	3500K
CRI options	90CRI	90CRI	80CRI	80CRI	90CRI	80CRI	90CRI	90CRI	90CRI
Multiplier	0.81	0.85	1	1.02	0.84	1.03	0.94	1	1.02

PHOTOMETRIC DATA

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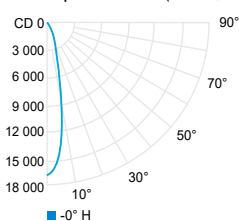
MEDIUM (1780)



CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)	MODELS
3000K	90	BO	20.5W	15°	1 355	66	17 930	1780-BO-930-LSP
				25°	2 600	98	10 655	1780-BO-830-20
			26.5W	33°	2 590	97	7 240	1780-BO-830-40
				48°	2 495	94	3 840	1780-BO-830-50
	80	HO	30W	15°	1 835	61	24 230	1780-HO930-LSP
				25°	3 290	92	13 475	1780-HO-830-20
			35.5W	33°	3 280	92	9 160	1780-HO-830-40
				48°	3 160	89	4 860	1780-HO-830-50

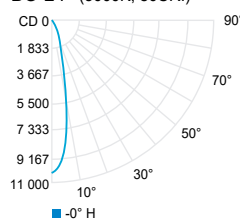
*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

Lens spot BO 15° (3000K, 90CRI)



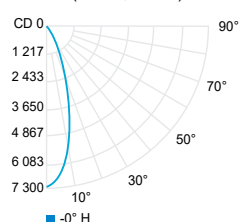
Center beam fc	Beam width ft
2ft	4 483
4ft	1 121
6ft	498
8ft	280
10ft	179
12ft	125

BO 24° (3000K, 80CRI)



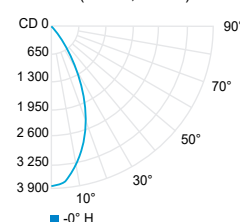
Center beam fc	Beam width ft
2ft	2 664
4ft	666
6ft	296
8ft	166
10ft	107
12ft	74.0

BO 33° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	1 811
4ft	453
6ft	201
8ft	113
10ft	72.4
12ft	50.3

BO 48° (3000K, 80CRI)



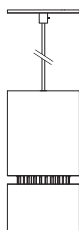
Center beam fc	Beam width ft
2ft	961
4ft	240
6ft	107
8ft	60.1
10ft	38.4
12ft	26.7v

	Reflector						Lens spot 15° (LSP)		
CCT options	2700K	3000K	3000K	3500K	3500K	4000K	2700K	3000K	3500K
CRI options	90CRI	90CRI	80CRI	80CRI	90CRI	80CRI	90CRI	90CRI	90CRI
Multiplier	0.81	0.85	1	1.02	0.84	1.03	0.94	1	1.02

PHOTOMETRIC DATA

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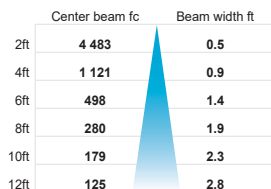
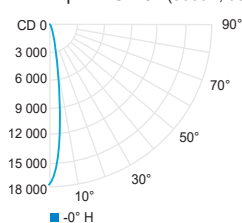
LARGE (1790)



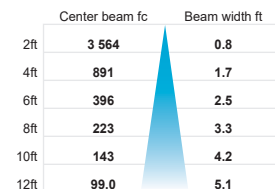
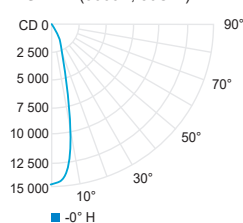
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS			
3000K	90	BO	20.5W	15°	1 368	66	17 931	1790-BO-930-LSP			
				24°	4 036	110	14 318	1790-BO-830-20			
				39°	4 092	112	8 758	1790-BO-830-40			
	80	BO	36.5W	50°	4 020	110	5 439	1790-BO-830-50			
				90	HO	30W	15°	1 849	61	24 232	1790-HO-930-LSP
							24°	5 267	106	19 018	1790-HO-830-20
80	HO	49.5W	39°	5 341	107	11 429	1790-HO-830-40				
			50°	5 246	105	7 097	1790-HO-830-50				

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

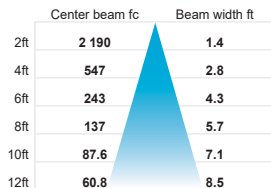
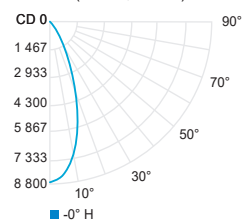
Lens spot BO 15° (3000K, 90CRI)



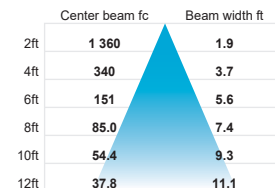
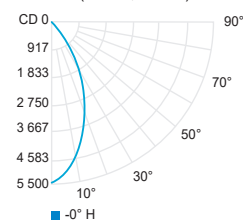
BO 24° (3000K, 80CRI)



BO 39° (3000K, 80CRI)



BO 50° (3000K, 80CRI)



	Reflector						Lens spot 15° (LSP)		
CCT options	2700K	3000K	3000K	3500K	3500K	4000K	2700K	3000K	3500K
CRI options	90CRI	90CRI	80CRI	80CRI	90CRI	80CRI	90CRI	90CRI	90CRI
Multiplier	0.81	0.85	1	1.02	0.84	1.03	0.94	1	1.02

LED COLOR FIDELITY DATA

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
80	3000K	82	92	97	83	83	90	84	61	12	81	82	75	85	99	75	86	96	0.52
	3500K	81	89	95	80	80	84	85	63	9	73	78	61	82	97	75	83	97	0.58
	4000K	80	88	93	81	80	83	87	66	10	71	79	56	82	96	74	83	95	0.67
90	2700K	91	94	93	90	89	91	93	82	60	83	89	74	91	95	88	89	101	0.44
	3000K	94	96	96	91	92	94	93	85	66	89	90	77	94	97	92	90	100	0.51
	3500K	95	98	96	92	93	94	94	88	74	91	91	74	96	97	94	90	99	0.65