VANISHING POINT 24VDC MONOPOINT

FAST JACK CEILING CONNECTION SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT PENDING

REV 07.15.22

VR-FJ24
Vanishing Point .5" Opening Plaster-In, Remote Power supply

V2MR-FJ24
Vanishing Point 2" Flush Canopy for Millwork

The groundbreaking Vanishing Point Fast Jack Connection System allows any 24VDC Fast Jack heads to disappear into the ceiling. Offered in four distinct mounting options for drywall and millwork, the Vanishing Point achieves the most minimal connection producing a refined and continuous architecture of any space. Patent Pending.

DRYWALL (PLASTER-IN)
VR - No visible canopy line, just the small (0.5") point of connection where the fast jack disappears into the ceiling.

MILLWORK
V2MR - Connection point at ceiling 2.0" canopy sits flush in Millwork ceilings for a clean look.

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)
24VDC, CLASS 2 WIRING
UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**

WARRANTY / LABELS
Pro-rated 5 year warranty. Assembled in America. ETL (Conforms to UL1598 and CSA 22.2 #250.0).

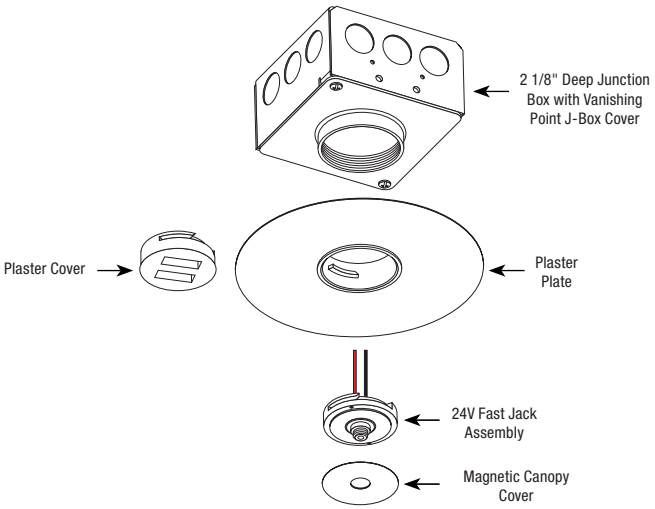
APPLICATIONS
Designed for indoor use only. Ideal applications in residential, commercial, retail and hospitality environments include but not limited to kitchens, living rooms, dinning rooms, offices, conference rooms, architectural spaces, lobbies, large-scale public spaces, hotels, restaurants and luxury health spas.

System		Type/Voltage		Finish
VR	–	FJ24	–	WH

VR Vanishing Point 0.5" Connection Drywall, No Outline of Canopy at connection point, Remote Power Supply
V2MR Vanishing Point 2.0" Millwork, Flush Mount Canopy, Remote Power Supply

FJ24 Fast Jack 24VDC Connection

WH White
BK Black



VR-FJ24-WH
Vanishing Point Flush to dry wall, plaster in

V2MR-FJ24-BK
Vanishing Point 2" Flush Canopy for Millwork

PROJECT		FIXTURE TYPE		DATE	

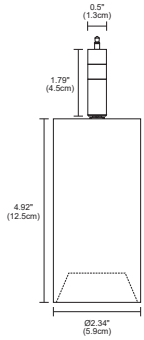
VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

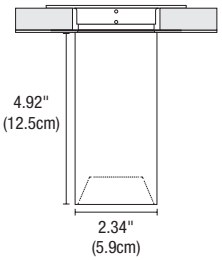
REV 07.15.22

24VDC - All uniform beam spread options are field changeable.

TUBO LARGE



TUBO LARGE DOWNLIGHT



System	Fixture	Beam Spread Lens	Color Temperature	Finish
FJ24	**TUBL**	**FL**	**30K**	**WH**

FJ24 Mounts to any FJ24 Fast Jack

TUBL Tubo Large
TUBLD Tubo Large Downlight

NS Narrow Spot 10°
SP Spot 20°
WS Wide Spot 25°
NF Narrow Flood 35°
FL Flood 45°
VW Very Wide Flood 75°

For 7° use STB16-BK snoot with NS

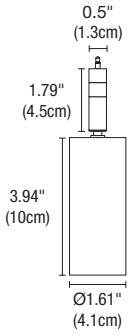
24K 2400K Very Warm White
27K 2700K Incandescent White
30D 3000D Warm Dim*
30K 3000K Warm White
35K 3500K Neutral White

*Not available in VW
30D NS: 7.5W, 400 lumens

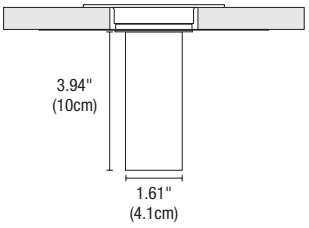
BK Black Powder Coat
WH White Powder Coat

BEAM ANGLE REFERENCE 45°					
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1032	920	891	683	1024
WATTS	14	14	14	14	14
LUMENS PER WATT (lm/w)	74	66	65	49	73
CRI	97	92	92	97	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101

TUBO SMALL



TUBO SMALL DOWNLIGHT



System	Fixture	Beam Spread	Color Temperature	Finish
FJ24	**TUBS**	**FL**	**30K**	**WH**

FJ24 Mounts to any FJ24 Fast Jack

TUBS Tubo Small
TUBSD Tubo Small Downlight

NS Narrow Spot 15°
SP Spot 25°
NF Narrow Flood 35°
FL Flood 45°
VW Very Wide Flood 75°

For 7° use STB16-BK snoot with NS

24K 2400K Very Warm White
27K 2700K Incandescent White
30D 3000D Warm Dim*
30K 3000K Warm White
35K 3500K Neutral White

*Only available in NF, FL and VW

BK Black Powder Coat
WH White Powder Coat

BEAM ANGLE REFERENCE 45°					
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	485	433	419	287	481
WATTS	9	9	9	8	9
LUMENS PER WATT (lm/w)	57	51	40	39	57
CRI	97	92	94	94	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101

*For more detailed information, including Title 24 compliance, please view individual product specifications at www.PureEdgeLighting.com.

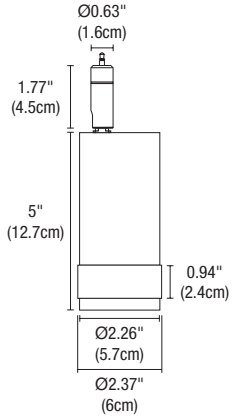
PROJECT		FIXTURE TYPE		DATE	

VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

REV 07.15.22

TUBO LARGE ZOOM



System	Fixture	Beam Spread	Color Temperature	Finish
FJ24	**ZOOM**	**Z2**	**30K**	**BK**
FJ24 Mounts to any FJ24 Fast Jack	**ZOOM** Zoom	**Z1** Zoom Adjust 10° to 50° **Z2** Zoom Adjust 20° to 60°	**24K** 2400K Very Warm White **27K** 2700K Incandescent White **30K** 3000K Warm White **30D** 3000K Warm Dim to 1800K **35K** 3500K Neutral White	**BK** Black Powder Coat **WH** White Powder Coat

	Z1		Z2	
BEAM ANGLE	10°	50°	20°	60°
COLOR TEMPERATURE	30K	30K	30K	30K
TOTAL LUMENS	721	957	977	1268
WATTS	16	16	16	16
LUMENS PER WATT (lm/w)	46	61	69	89
CRI	93	93	94	94
TM-30 DATA	R9: 66 Rf: 92 Rg: 101	R9: 66 Rf: 92 Rg: 101	R9: 74 Rf: 92 Rg: 102	R9: 74 Rf: 92 Rg:102

PROJECT		FIXTURE TYPE		DATE	

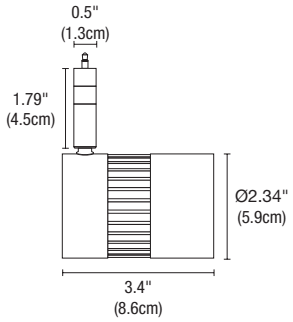
VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

REV 07.15.22

All uniform beam spread options are field changeable.

RADIANT LARGE



System	Fixture	Beam Spread Lens	Color Temperature	Finish
FJ24	**RADL**	**NFL**	**30K**	**WH**

FJ24 Mounts to any FJ24 Fast Jack

RADL Radiant Large

NS Narrow Spot 10°
SP Spot 20°
NF Narrow Flood 35°
FL Flood 45°
WF Wide Flood 60°

Warm Dim:
NS (15°), **SP** (25°)

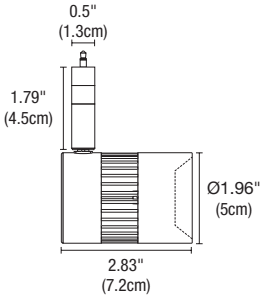
24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White
30D 3000D Warm Dim*
35K 3500K Neutral White

*Not available in NF

BK Black Powder Coat
WH White Powder Coat

BEAM ANGLE REFERENCE 45°					
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1256	1119	1084	838	1246
WATTS	14	14	14	14	14
LUMENS PER WATT (lm/w)	90	80	80	58	89
CRI	97	92	92	97	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101

RADIANT MEDIUM



System	Fixture	Beam Spread Lens	Color Temperature	Finish
FJ24	**RADM**	**NFL**	**30K**	**WH**

FJ24 Mounts to any FJ24 Fast Jack

RADM Radiant Medium

SP Spot 20°
NF Narrow Flood 35°
FL Flood 45°
WF Wide Flood 60°

24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White
30D 3000D Warm Dim
35K 3500K Neutral White

BK Black Powder Coat
WH White Powder Coat

BEAM ANGLE REFERENCE 45°					
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	846	754	730	360	839
WATTS	11	11	11	8	11
LUMENS PER WATT (lm/w)	77	69	64	47	76
CRI	97	92	92	93	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101

MATERIAL	Extruded Aluminum	**FREQUENCY**	50/60HZ	**APPLICATION**	Suitable for damp or dry locations. Indoor use only.	**COMPLIANCE LABEL**	ETL to UL 2108 Standard
INPUT VOLTAGE	24VDC	**POWER FACTOR**	> 0.90	**DIMMING & FLICKER**	0-10V dimming Flicker less than 2%	**LED LAMP LIFE**	60,000 Hours

*For more detailed information, including Title 24 compliance, please view individual product specifications at www.PureEdgeLighting.com.

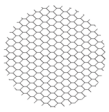
PROJECT		FIXTURE TYPE		DATE	

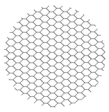
VANISHING POINT HEADS 24VDC

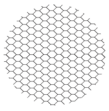
FAST JACK CEILING CONNECTION SYSTEM

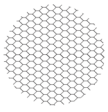
REV 07.15.22

Additional Lenses and Accessories

TUBO LARGE LENS			SNOOT		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
							
ORDERING CODE	**STATIC WHITE** **LEN-2-ILO-NS-SW** **LEN-2-ILO-SP-SW** **LEN-2-ILO-NF-SW** **LEN-2-ILO-FL-SW** **LEN-2-ILO-VW-SW**	**WARM DIM** **LEN-2-ILO-NS-WD** **LEN-2-ILO-SP-WD** **LEN-2-ILO-NF-WD** **LEN-2-ILO-FL-WD**	**STB16-BK** **STB16-WH (WHITE SHELL)**	**ST16-BK** **ST16-WH**	**LO16-H**	**LF-TUBL-SF (SOFT FOCUS),** **MF (MEDIUM FOCUS),** **WF (WIDE FOCUS)**	**LF-TUBL-LS**
REFLECTOR SIZE	2" (50mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Snoot is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	**NS** (10°), **SP** (20°), **WS** (25°),**NF** (35°), **FL** (45°), **VW** (75°)						

TUBO SMALL LENS			SNOOT	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
						
ORDERING CODE	**STATIC WHITE** **LEN-1.4-EVA-NS-SW** **LEN-1.4-EVA-SP-SW** **LEN-1.4-EVA-NF-SW** **LEN-1.4-EVA-FL-SW** **LEN-1.4-EVA-VW-SW**	**WARM DIM** **LEN-1.4-EVA-NF-WD** **LEN-1.4-EVA-FL-WD** **LEN-1.4-EVA-VW-WD**	**TUBS-ST-BK** **TUBS-ST-WH (WHITE SHELL)**	**LO16-H**	**LF-TUBS-SF (SOFT FOCUS),** **MF (MEDIUM FOCUS),** **WF (WHITE FOCUS)**	**LF-TUBS-LS**
REFLECTOR SIZE	1.375" (35mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	**NS** (15°), **SP** (25°), **NF** (35°), **FL** (45°), **VW** (75°)					

RADIANT LARGE LENS			SNOOT		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
							
ORDERING CODE	**STATIC WHITE** **LEN-2-CAR-NS-SW** **LEN-2-CAR-SP-SW** **LEN-2-CAR-NF-SW** **LEN-2-CAR-FL-SW** **LEN-2-CAR-WF-SW**	**WARM DIM** **LEN-2-CAR-NS-WD** **LEN-2-CAR-SP-WD** **LEN-2-CAR-FL-WD** **LEN-2-CAR-WF-WD**	**STB16-BK** **STB16-WH (WHITE SHELL)**	**ST16-BK** **ST16-WH**	**LO16-H**	**LF-RADL-SF (SOFT FOCUS),** **MF (MEDIUM FOCUS),** **WF (WIDE FOCUS)**	**LF-RADL-LS**
REFLECTOR SIZE	2" (50mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Snoot is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	**NS** (10°), **SP** (20°), **NF** (35°),**FL** (45°), **WF** (60°)	**NS** (15°), **SP** (25°), **FL** (45°), **WF** (60°)					

RADIANT MEDIUM LENS			LOUVER	FOCUS LENS	LINEAR SPREAD FILM
					
ORDERING CODE	**STATIC WHITE** **LEN-1.4-EVA-SP-SW** **LEN-1.4EVA-NF-SW** **LEN-1.4-EVA-FL-SW** **LEN-1.4-EVA-WF-SW**	**WARM DIM** **LEN-1.4-EVA-SP-WD** **LEN-1.4-EVA-NF-WD** **LEN-1.4-EVA-FL-WD** **LEN-1.4-EVA-WF-WD**	**LO11-H**	**LF-RADM-SF (SOFT FOCUS)** **MF (MEDIUM FOCUS), WF (WIDE FOCUS)**	**LF-RADM-LS**
REFLECTOR SIZE	1.375" (35mm) Diameter		MR16 Hexcell louver accessory eliminates glare. 2" Diameter x .125" Thick. Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	**SP** (20°), **NF** (35°), **FL** (45°), **WF** (60°)				

PROJECT		FIXTURE TYPE		DATE	

VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

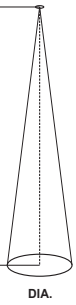
REV 07.15.22

TUBO LARGE Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

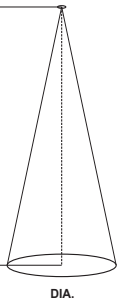
NARROW SPOT BEAM ANGLE 10°

D'	FC	DIA.
1'	17300	2.2"
2'	4330	4.3"
3'	1930	6.5"
4'	1080	8.6"
5'	694	10.8"
6'	482	12"
7'	354	15"
8'	271	18"



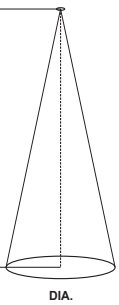
SPOT BEAM ANGLE 20°

D'	FC	DIA.
1'	2582	4.3"
2'	1860	8.6"
3'	828	13"
4'	466	17.3"
5'	298	21.6"
6'	207	25.9"
7'	152	30.2"
8'	117	34.6"



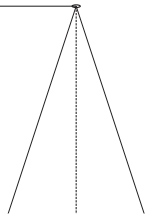
NARROW FLOOD BEAM ANGLE 35°

D'	FC	DIA.
1'	2780	7.6"
2'	695	15.1"
3'	309	22.7"
4'	174	30"
5'	111	37.2"
6'	77.2	45.4"
7'	56.7	53"
8'	43.4	62.5"



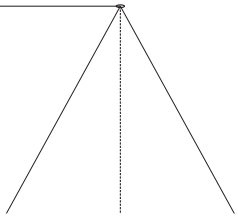
FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	1610	9.8"
2'	403	18"
3'	179	29.2"
4'	101	40"
5'	64.5	48"
6'	44.8	58.3"
7'	32.9	68"



VERY WIDE FLOOD BEAM ANGLE 75°

D'	FC	DIA.
1'	561	16.2"
2'	140	32.4"
3'	62.3	48"
4'	35	64.8"
5'	22.4	81"
6'	15.6	97.2"
7'	11.4	113.4"

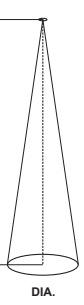


TUBO SMALL Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

NARROW SPOT BEAM ANGLE 15°

D'	FC	DIA.
1'	3890	3.2"
2'	972	6.4"
3'	432	9.7"
4'	243	12.9"
5'	156	16.2"
6'	108	19.4"
7'	79	22.6"
8'	61	25.9"

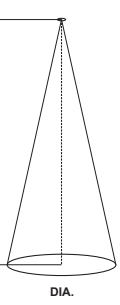


SPOT BEAM ANGLE 25°

D'	FC	DIA.
1'	2080	5.4"
2'	520	10.8"
3'	231	16.2"
4'	130	21.6"
5'	83	27"
6'	57.8	32.4"
7'	42.4	37.8"
8'	32.5	43.2"

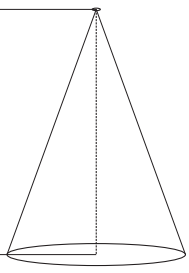
NARROW FLOOD BEAM ANGLE 35°

D'	FC	DIA.
1'	1540	7.5"
2'	385	15.1"
3'	171	22.6"
4'	96.3	30"
5'	61.6	37.2"
6'	42.8	45.3"
7'	31.4	53"
8'	24.1	62.5"



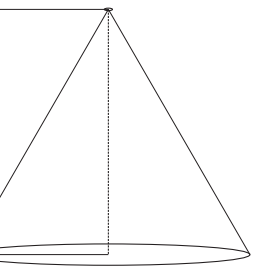
FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	496	9.7"
2'	124	19.4"
3'	55.1	29.1"
4'	31	38.8"
5'	19.8	48.6"
6'	13.8	58.3"
7'	10.1	68.0"
8'	7.75	77.7"



VERY WIDE FLOOD BEAM ANGLE 75°

D'	FC	DIA.
1'	265	16.2"
2'	66.3	32.4"
3'	29.4	48"
4'	16.6	64.8"
5'	10.6	81"
6'	7.3	97.2"
7'	5.4	113.4"
8'	4.1	129.6"



PROJECT		FIXTURE TYPE		DATE	

VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

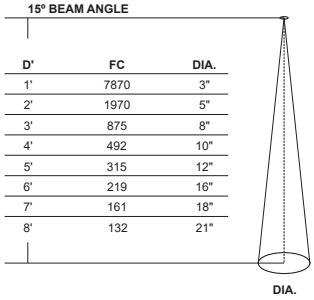
REV 07.15.22

TUBO ZOOM Z1 Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

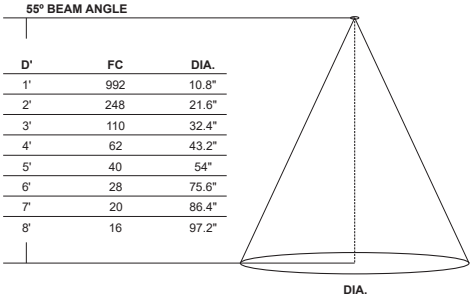
15° BEAM ANGLE

D'	FC	DIA.
1'	7870	3"
2'	1970	5"
3'	875	8"
4'	492	10"
5'	315	12"
6'	219	16"
7'	161	18"
8'	132	21"



55° BEAM ANGLE

D'	FC	DIA.
1'	992	10.8"
2'	248	21.6"
3'	110	32.4"
4'	62	43.2"
5'	40	54"
6'	28	75.6"
7'	20	86.4"
8'	16	97.2"

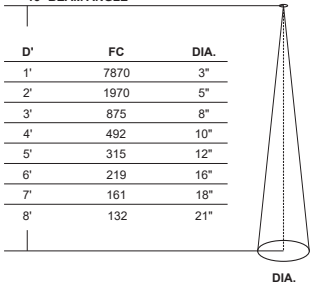


TUBO LARGE ZOOM 9MM 24° AND 50° Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

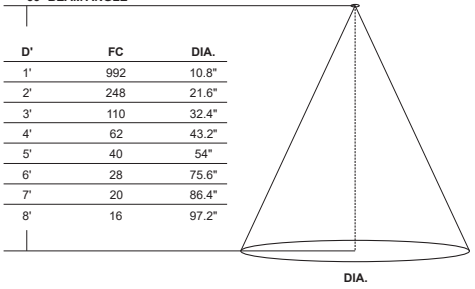
15° BEAM ANGLE

D'	FC	DIA.
1'	7870	3"
2'	1970	5"
3'	875	8"
4'	492	10"
5'	315	12"
6'	219	16"
7'	161	18"
8'	132	21"



55° BEAM ANGLE

D'	FC	DIA.
1'	992	10.8"
2'	248	21.6"
3'	110	32.4"
4'	62	43.2"
5'	40	54"
6'	28	75.6"
7'	20	86.4"
8'	16	97.2"



PROJECT		FIXTURE TYPE		DATE	

VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

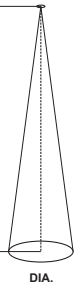
REV 07.15.22

RADIANT LARGE Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

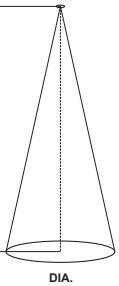
NARROW SPOT BEAM ANGLE 10°

D'	FC	DIA.
1'	17300	2.2"
2'	4330	4.3"
3'	1930	6.5"
4'	1080	8.6"
5'	694	10.8"
6'	482	12"
7'	354	15"
8'	271	18"



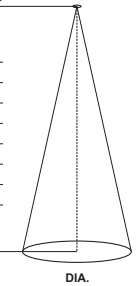
SPOT BEAM ANGLE 20°

D'	FC	DIA.
1'	2582	4.3"
2'	1860	8.6"
3'	828	13"
4'	466	17.3"
5'	298	21.6"
6'	207	25.9"
7'	152	30.2"
8'	117	34.6"



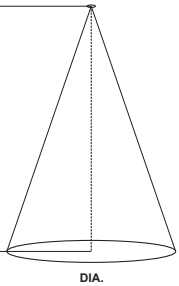
NARROW FLOOD BEAM ANGLE 35°

D'	FC	DIA.
1'	2780	7.6"
2'	695	15.1"
3'	309	22.7"
4'	174	30"
5'	111	37.2"
6'	77.2	45.4"
7'	56.7	53"
8'	43.4	62.5"



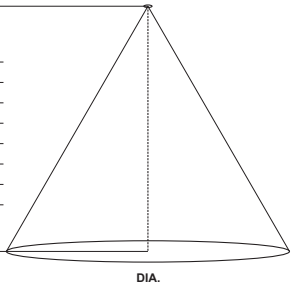
FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	1610	9.8"
2'	403	18"
3'	179	29.2"
4'	101	40"
5'	64.5	48"
6'	44.8	58.3"
7'	32.9	68"
8'	25.2	80"



WIDE FLOOD BEAM ANGLE 60°

D'	FC	DIA.
1'	561	16.2"
2'	140	32.4"
3'	62.3	48"
4'	35	64.8"
5'	22.4	81"
6'	15.6	97.2"
7'	11.4	113.4"
8'	8.8	129.6"

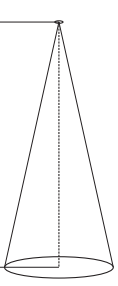


RADIANT MEDIUM Photometric Data

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

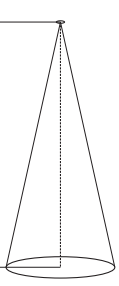
SPOT BEAM ANGLE 20°

D'	FC	DIA.
1'	6100	3.2"
2'	1520	6.5"
3'	678	9.7"
4'	381	13"
5'	244	16.2"
6'	169	19.4"
7'	124	22.8"
8'	95.3	25.9"



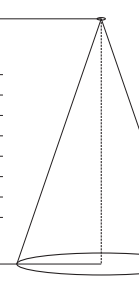
NARROW FLOOD BEAM ANGLE 35°

D'	FC	DIA.
1'	1540	7.6"
2'	385	15.1"
3'	171	22.7"
4'	96.3	30"
5'	61.6	37.2"
6'	42.8	45.4"
7'	31.4	53"
8'	24.1	62.5"



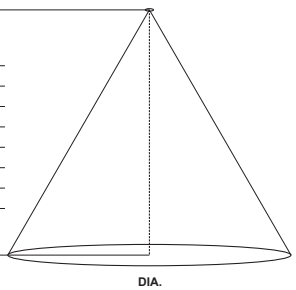
FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	496	9.7"
2'	124	19.4"
3'	55.1	29.2"
4'	131	38.9"
5'	19.8	48.6"
6'	13.8	58.3"
7'	10.1	68"
8'	7.8	77.8"



WIDE FLOOD BEAM ANGLE 60°

D'	FC	DIA.
1'	265	16.2"
2'	66.3	32.4"
3'	29.4	48"
4'	16.6	64.8"
5'	10.6	81"
6'	7.3	97.2"
7'	5.4	113.4"
8'	4.1	129.6"



PROJECT		FIXTURE TYPE		DATE	

TM30 DATA

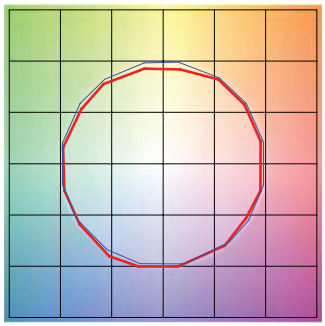
FAST JACK CEILING CONNECTION SYSTEM

REV 07.15.22

TM-30-15 DATA: Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 96.8

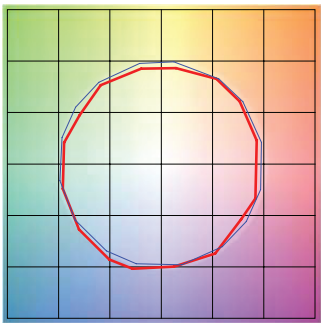
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

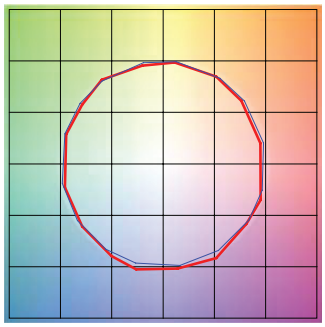
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

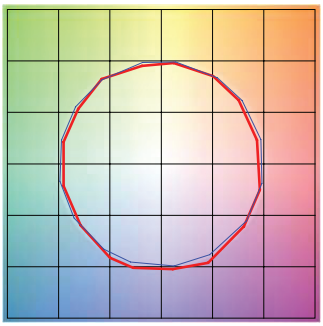
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

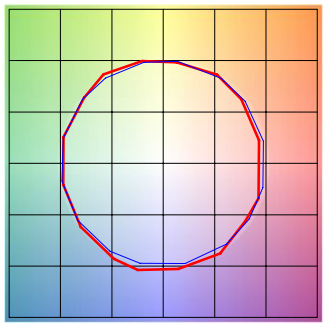
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

PROJECT		FIXTURE TYPE		DATE	