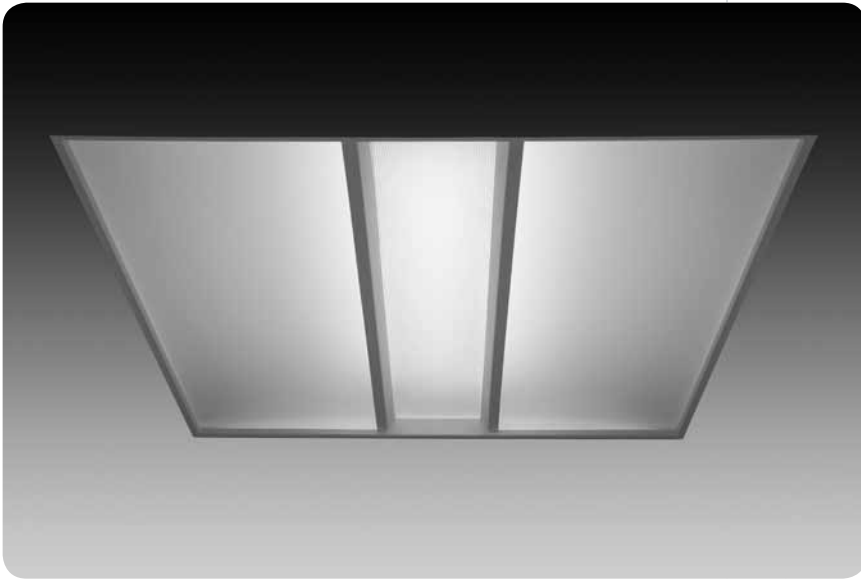


veer® 2x2



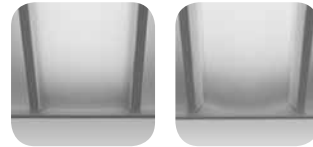
features

High efficiency architectural recessed fluorescent luminaire.

Three distinctive aesthetics offer contemporary styling, and complement architecture.

MicroGroove™ diffusers add texture and visual interest with a ribbed pattern that minimizes lamp image.

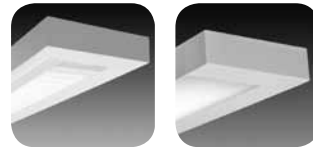
details



Flat Diffuser

Radial Diffuser

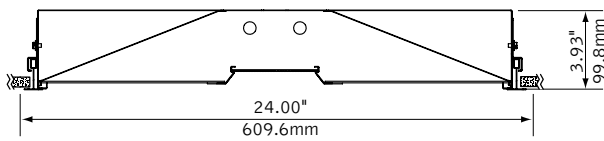
companion luminaires



Veer® Suspended Linear

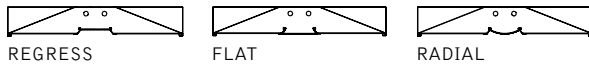
Veer® Wall Mount Linear

dimensional data



Overall height for luminaire with Air Return is 4.58"

shielding options

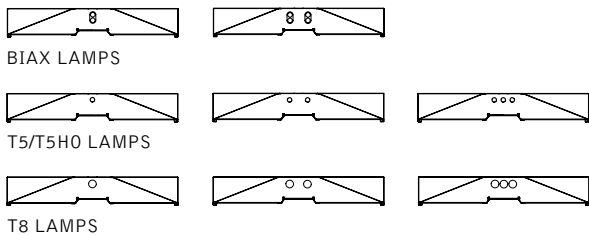


REGRESS

FLAT

RADIAL

lamping



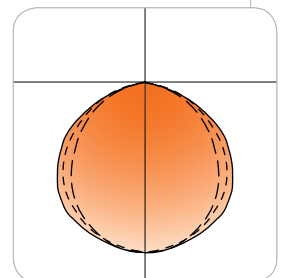
BIAx LAMPS

T5/T5H0 LAMPS

T8 LAMPS

performance

Regress Acrylic Diffuser
2-lamp T5
84.9% Efficiency
774 cd @ 5'



Visit focalpointlights.com for complete photometric data.

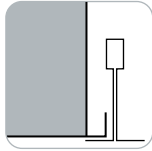
fixture:

project:

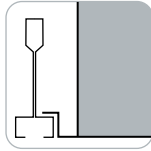
suspension information

grid

specify "G" for flat 9/16" and 15/16" tee or "ST" for 9/16" slot tee grid types.



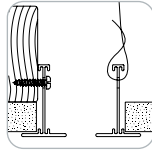
"G" flat tee
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high*.



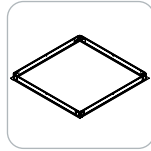
"ST" slot tee

drywall frame kit

specify "DF" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.



cut out dimensions:
2': Min: 24.25"
Max: 24.563"

specifications

construction

One piece 20 Ga. steel reflector and housing.
20 Ga. steel ends.
Earthquake brackets supplied as standard.

Weight: 17 lbs

optic

20 Ga. steel reflectors finished in matte satin white powder coat.
.095" thick frosted white acrylic diffusers with linear MicroGroove™ pattern.

electrical

Electronic ballasts are thermally protected and have a Class "P" rating.
Optional dimming ballasts available.
Consult factory for dimming specifications and availability.
UL and cUL listed.

sensors

Philips Luxsense daylight sensor measures reflected light from the surface below and dims lamp output when the light level exceeds required level. Output may be adjusted by turning the dial. A 0-10V dimming ballast is required (T5/T8 - DS, T5H0 - D7 standard).

Wattstopper daylight sensor is a closed loop system that measures total light level from daylight and electric light. A 0-10V dimming ballast is required (T5/T8 - DS, T5H0 - D7 standard).

Wattstopper occupancy sensor is a passive infrared sensor designed for cubicles and small offices. It has built-in daylight sensing that will hold lights off when adequate ambient light exists. One sensor controls multiple fixtures.

finish

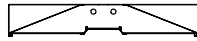
Polyester powder coat applied over a 5-stage pre-treatment.
Optional Matte Satin White with anti-microbial coating provides 99.99% protection against a broad spectrum of micro-organisms.

ordering

luminaire series		FVR
Veer	FVR	
nominal size		22
2' x 2'	22	
shielding		
Radial Acrylic Diffuser	ACR	
Flat Acrylic Diffuser	ACF	
Regress Acrylic Diffuser	ACG	
lamp quantity		
One Lamp	1	
Two Lamp	2	
Three Lamp (T5/T5H0 & T8 only)	3	
lamp type		
40 Watt Biax	BX40	
50 Watt Biax	BX50	
55 Watt Biax	BX55	
T5	T5	
T5H0	T5H0	
T8	T8	
ballast		
Electronic Instant Start <20% THD	E	
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast*	D	
voltage		
120 Volt	120	
277 Volt	277	
mounting		
Grid	G	
Slot Tee	ST	
factory options		
Air Return (Overall height with Air Return is 4.58")	AR	
Chicago Plenum	CP	
Drywall Frame Kit (Cut out dimensions: Min: 24.25"/Max: 24.563")	DF	
Emergency Battery Pack*	EM	
HLR/GLR Fuse	FU	
Flex Whip*	FW	
Include 3000K Lamp*	L830	
Include 3500K Lamp*	L835	
Include 4100K Lamp*	L841	
Separate Circuit*	SC	
Separate Circuit Tandem*	SCT	
Labor Saving Master Satellite*	LS	
Ballast Saving Tandem*	BST	
Lutron™ Sensor Feed* (EcoSystem ballast & controls required) (Lutron sensor cannot be fixture mounted)	SF	
Philips® Daylight Sensor* (0-10V dimming ballast required)	PY1	
WattStopper™ Daylight Sensor* (0-10V dimming ballast required)	WY1	
WattStopper™ Occupancy Sensor*	WO1	
finish		
Matte Satin White	WH	
Matte Satin White with Anti-Microbial Coating	WHA	

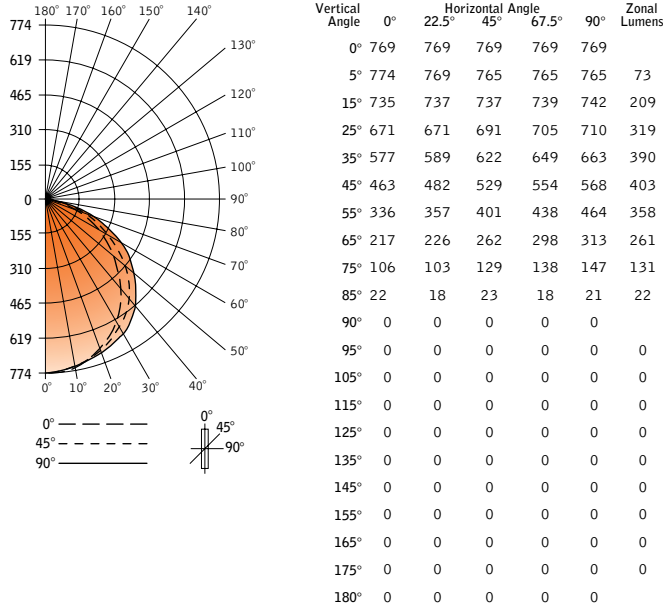
* for more information see Reference section.

Regress Acrylic Diffuser
veer® 2x2



Filename: FVR222T5ACG.IES
Catalog #: FVR-22-ACG-2-T5-120-G-WH
Efficiency: 85%
Test #: 16777.0

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	601	23.6	27.8
0°-40°	991	38.9	45.8
0°-60°	1752	68.7	80.9
0°-90°	2166	84.9	100.0
Total Luminaire	2166	84.9	100.0

LUMINANCE DATA (CD/M²)

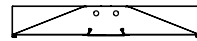
Vertical Angle	0°	45°	90°
45°	1941	2217	2381
55°	1736	2072	2398
65°	1522	1837	2195
75°	1214	1477	1683
85°	748	782	714

CO-EFFICIENTS OF UTILIZATION

Floor	20	30	10	00
Ceiling	80	70	50	10
Wall	70 50 30 10	70 50 10	50 10	50 10
RCR 0	101 101 101 101	99 99 99	94 94	90 90
1	93 90 86 83	91 88 82	84 80	81 77
2	86 79 74 69	84 78 69	75 67	72 66
3	79 70 64 59	77 69 58	67 57	64 56
4	72 63 55 50	70 61 50	59 49	57 48
5	66 55 48 42	64 54 42	53 42	51 41
6	61 49 42 37	59 49 37	47 36	46 36
7	56 44 37 32	54 44 32	42 32	41 31
8	51 40 33 28	50 39 27	38 27	37 27
9	47 36 29 24	46 35 24	34 24	33 23
10	44 32 25 21	43 32 21	31 21	30 21

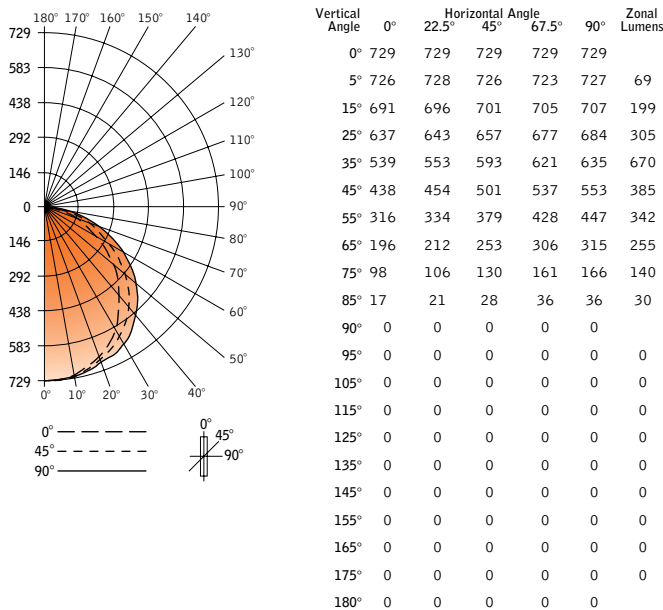
Go to www.focalpointlights.com for additional photometric data.

Flat Acrylic Diffuser
veer® 2x2



Filename: FVR222T5ACF.IES
Catalog #: FVR-22-ACF-2-T5-120-G-WH
Efficiency: 82%
Test #: 16778.0

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	573	22.5	27.4
0°-40°	943	37.0	45.0
0°-60°	1669	65.4	79.7
0°-90°	2094	82.1	100.0
Total Luminaire	2094	82.1	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	1836	2100	2318
55°	1633	1958	2310
65°	1374	1774	2209
75°	1122	1489	1901
85°	578	952	1224

CO-EFFICIENTS OF UTILIZATION

Floor	20	30	10	00
Ceiling	80	70	50	10
Wall	70 50 30 10	70 50 10	50 10	50 10
RCR 0	98 98 98 98	95 95 95	91 91	87 87
1	90 86 83 80	88 85 79	81 77	78 74
2	83 76 71 66	80 75 66	72 64	69 63
3	76 68 61 56	74 66 56	64 55	62 54
4	69 60 53 48	68 59 47	57 47	55 46
5	63 53 46 40	62 52 40	50 40	49 39
6	58 47 40 35	57 47 35	45 35	44 34
7	54 43 35 30	52 42 30	41 30	39 30
8	49 38 31 26	48 38 26	36 26	35 26
9	45 34 27 23	44 34 23	33 22	32 22
10	42 31 24 20	41 31 20	30 20	29 20

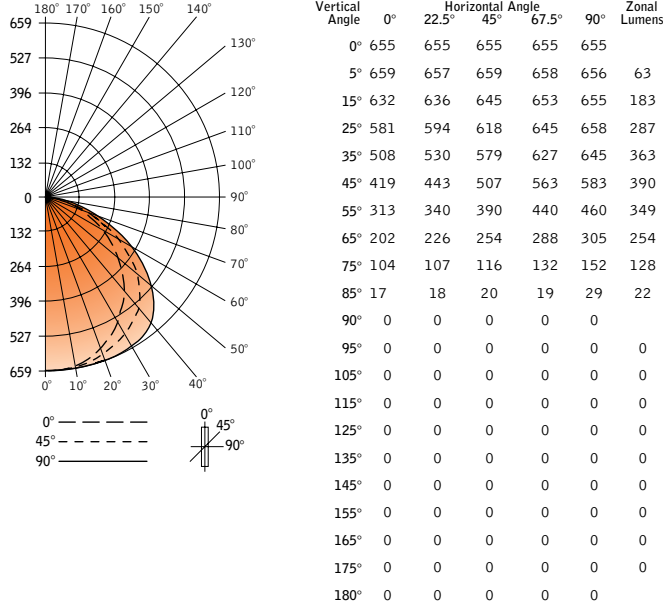
Go to www.focalpointlights.com for additional photometric data.

Radial Acrylic Diffuser veer® 2x2



Filename: FVR222T5ACR.IES
 Catalog #: FVR-22-ACR-2-T5-120-G-WH
 Efficiency: 80%
 Test #: 16779.0

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	532	20.9	26.1
0°-40°	895	35.1	43.9
0°-60°	1634	64.1	80.2
0°-90°	2037	79.9	100.0
Total Luminaire	2037	79.9	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	1756	2125	2444
55°	1617	2015	2377
65°	1417	1781	2139
75°	1191	1328	1741
85°	578	680	986

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				20							
Ceiling	50				30				10							
Wall	70	50	30	10	70	50	10	50	10	50	10	50	10	50	10	00
RCR 0	95	95	95	95	93	93	93	89	89	85	85	82	82	80	80	80
1	88	84	81	78	86	82	77	79	75	76	72	73	70	69	69	69
2	80	74	69	65	78	73	64	70	63	67	61	65	60	58	58	58
3	74	66	60	55	72	64	54	62	53	60	52	58	51	50	50	50
4	67	58	52	46	66	57	46	55	45	53	45	52	44	43	43	43
5	61	51	44	39	60	50	39	49	38	47	38	46	38	36	36	36
6	56	46	39	34	55	45	34	44	33	42	33	41	33	31	31	31
7	52	41	34	29	50	40	29	39	29	38	29	37	28	27	27	27
8	48	37	30	25	46	36	25	35	25	34	25	33	24	23	23	23
9	44	33	26	21	43	32	21	31	21	30	21	30	21	20	20	20
10	41	30	23	19	39	29	19	28	19	28	19	27	18	17	17	17

Numbers indicate percentage values of reflectivity.

Go to www.focalpointlights.com for additional photometric data.

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.