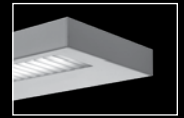


solid indirect

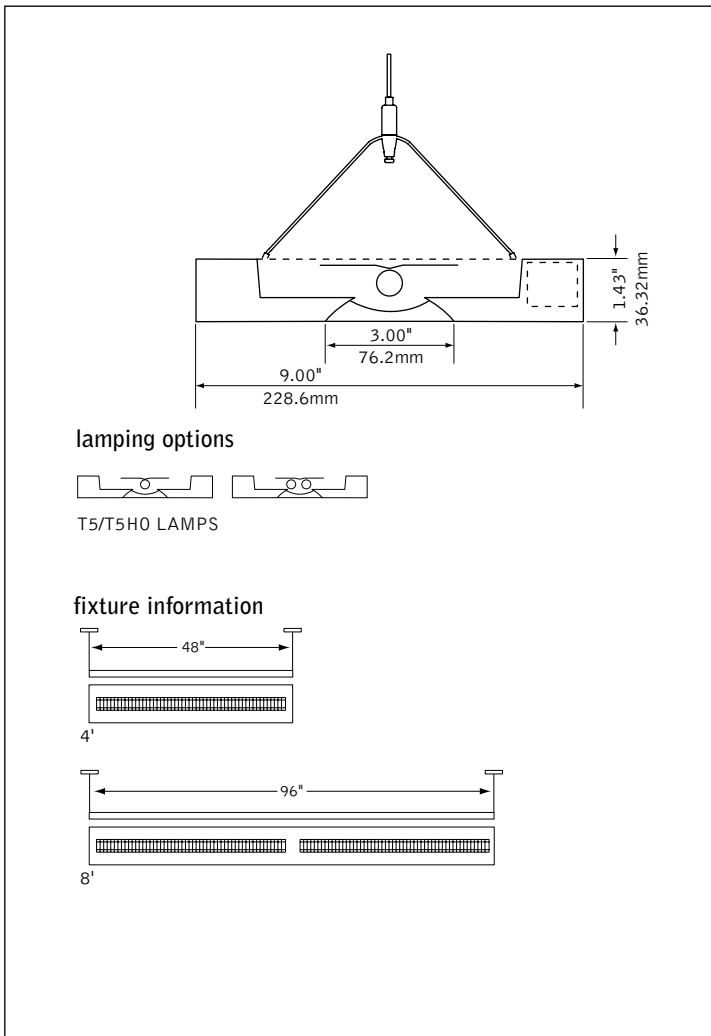


baffle



wall mount
companion

DIMENSIONAL DATA



FEATURES

Suspended direct/indirect ideal for low ceiling applications.

Twelve™ delivers 70% indirect/30% direct illumination.

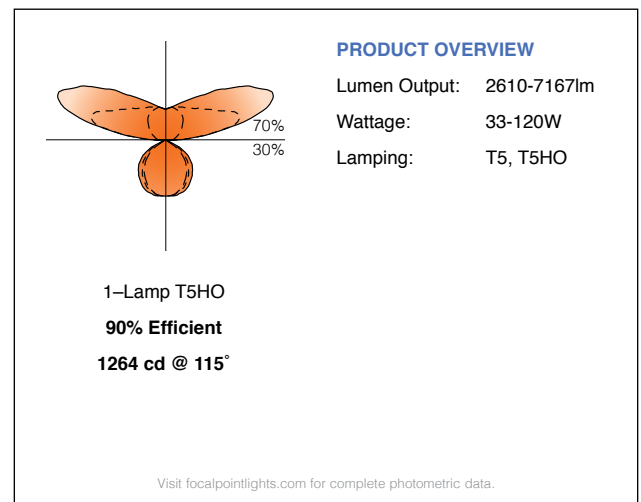
The CU Filter precisely controls lamp brightness above the fixture to allow for 12" suspension lengths.

Sleek rectilinear design adds clean style to any space.

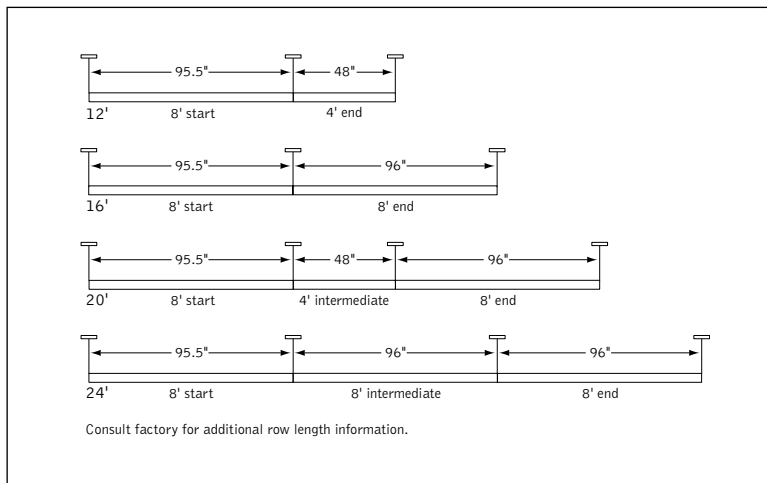
Parallel blade baffle with acrylic lens diffuser provides comfortable downlight shielding.

Excellent choice for lower ceiling applications and areas where ceiling uniformity is important.

PERFORMANCE



SUSPENSION INFORMATION



SPECIFICATIONS

Construction

One-piece 20 Ga. steel housing. 14 Ga. steel end caps mechanically attach flush to housing with concealed fasteners. For row installation, internal brackets form hairline joint. Standard lengths are available in 4' and 8'. All luminaires are provided with Y-cable suspension mounted on 48\"/>

Optic

Reflector fabricated of low iridescent, semi specular premium grade aluminum. Parallel Blade Baffle: 24 Ga. steel, .5\"/>

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Factory installed SJT power cord at feed location is included. Electronic ballasts are thermally protected and have a Class \"P\" rating. Optional dimming ballasts available.

Labels

UL and cUL listed.

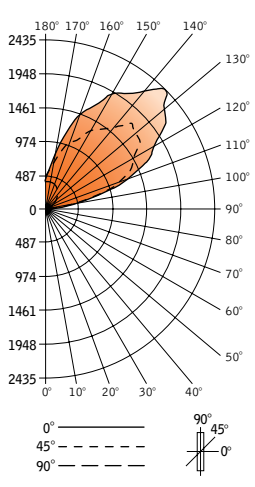
Finish

Polyester powder coat applied over a 5-stage pre-treatment. Canopy finished in Matte Satin White.

ORDERING

		FTWS	FTWS
Fixture Series	Twelve	FTWS	_____
Shielding	Parallel Blade Baffle with CU Filter Solid, no lens, 100% indirect	PB SD	_____
Lamping	1 Lamp T5 1 Lamp T5HO 2 Lamp T5 2 Lamp T5HO	1T5 1T5HO 2T5 2T5HO	_____
Circuit	Single Circuit Dual Circuit <small>(Multiple lamp luminaires only)</small>	1C 2C	_____
Voltage	120 Volt 277 Volt 347 Volt <small>(Consult factory for dimming options)</small>	120 277 347	_____
UNV Volt	UNV Volt <small>(Cannot be specified with 1T5HO dimming or EM option)</small>	UNV	_____
Ballast	Electronic Program Start <10% THD 0-10V Lutron 1% 3-wire Lutron 1% H-Series	S D7 DH DK	_____
Mounting	12\"/>	J12	_____
Stem Mount	<small>(specify stem length in inches Standard stem lengths 6, 12, 18, 24, 36, 48\"/> </small>	S__	_____
Factory Options	Emergency Circuit* Emergency Battery Pack* HLR/GLR Fuse Include 3000K Lamp* Include 3500K Lamp* Include 4100K Lamp* <small>(Sensor options available—consult factory)</small>	EC EM FU L830 L835 L841	_____ _____ _____ _____ _____ _____
Finish	Titanium Silver <small>(Louver painted to match housing)</small> Matte White Housing	TS WH	_____ _____
Fixture Run Length	4' 8' 12' (8'+4') 16' (8'+8') 20' (8'+4'+8') 24' (8'+8'+8') <small>(Individual units may not be field modified for continuous row mount)</small>	4' 8' 12' 16' 20' 24'	_____ _____ _____ _____ _____ _____

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	22.5°	45°	67.5°	90°	
0°	51	51	51	51	51	51
5°	52	52	52	52	52	5
15°	57	55	53	53	53	15
25°	47	46	43	41	38	20
35°	44	38	34	32	32	22
45°	34	28	23	19	19	18
55°	21	15	12	10	10	11
65°	8	8	6	3	3	6
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0
95°	221	206	203	173	20	108
105°	846	818	804	627	69	392
115°	1634	1571	1371	858	133	617
125°	2100	1989	1673	903	200	665
135°	2431	2252	1742	907	267	630
145°	2012	1832	1382	760	319	431
155°	1603	1452	1105	660	361	271
165°	1043	961	774	548	394	134
175°	555	530	481	421	394	37
180°	375	375	375	375	375	

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	40	.8	1.2
0-40°	98	2.0	2.9
0-60°	1782	35.6	52.6
0-90°	3286	65.7	97.1
Total Luminaire 0-180°	3385	67.7	100.0

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