

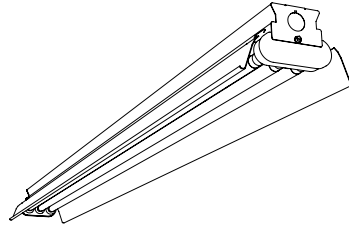
Day-Brite CFI

by  Signify

Industrial

5F T5 specification

T5 or T5HO



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Day-Brite / CFI 5F T5 specification industrial is a compact T5/T5HO luminaire with industrial styling and spring loaded turret-type lamp holders.

Ordering guide

Example: 5F254HO-PP1-UNV-1/2-EB

Family	No. of Lamps per Cross Section (not included)	Lamp Type	Reflector Options	Voltage	Options
5F T5 specification industrial T5F Tandem 5F	1 2 3 4	28 28WT5 (46") 54HO 54WT5HO (46")	PPS Painted Polyester Solid Top PP1 Painted Polyester 10% Uplight PP2 Painted Polyester 25% Uplight (2 lamp only)	UNV Universal Voltage 120-277V 120 120V 277 277V 347 347V	1/1 One 1-lamp ballast 1/2 One 2-lamp ballast 1/3 One 3-lamp ballast 1/21 2-lamp & 1-lamp ballasts 1/4 One 4-lamp ballast 2/2 Two 2-lamp ballasts 1/42 4-lamp & 2-lamp ballasts 2/4 Two 4-lamp ballasts EB Electronic ballast, <10% THD, std. ballast factor E7LP LP550 emerg. ballast, 430-700 lumens, 120/277V E6LP LP600 emerg. ballast U.S. or Canada market, 750-1325 lumens, 120/277V GLR Fusing, fast blow

Accessories (order separately)

- E4-HKK Sliding hanger bracket with 7/8" hole (one)
- E4-HKS Sliding hanger bracket with 1/4" x 1" slot (one)
- FL-123 5' chain (w/S-hooks) set
- CS-400 Rigid canopy
- CS-500 42" top swivel canopy
- CS-12 12" Stem
- CS-18 18" Stem
- CS-24 24" Stem
- CS-30 30" Stem
- CS-36 36" Stem
- CS-48 48" Stem
- N-3381 Universal joint aligner, octagonal box, 3/4" I.P.S.
- ACH48 Aircraft cable hanger, 48" (one)
- ACH48-SC Aircraft cable hanger with straight power cord, 48" (one)
- ACH48-CC Aircraft cable hanger with coiled power cord, 48" (one)
- 5F-IJ Heavy duty in-line coupler
- 5F-WG-4 Wire guard, 4' (use 2 for 8'), 1/2/3 lamp x-section
- 5F-WG-4-4L Wire guard, 4' (use 2 for 8'), 4 lamp x-section
- 5F-BFP1-4 Baffle for PPS or PP1 reflector, 4' (use 2 for 8'), 1/2/3 lamp x-section
- 5F-BFP1-4-4L Baffle for PPS or PP1 reflector 4' (use 2 for 8'), 4 lamp x-section
- 5F-BFP2-4 Baffle for PP2 reflector, 4' (use 2 for 8')
- 5F-DEK Reflector end caps (for use with baffles), 1/2/3 lamp x-section, pair
- 5F-DEK-4L Reflector end caps (for use with baffles), 4 lamp x-section, pair

Power Connect modular wiring available, see sheet 1604-OA for details
 See Section 1600-OA for Option Information.
 See page 1455.3-IF for Mounting Hardware.



5F T5 specification industrial

T5 or T5HO

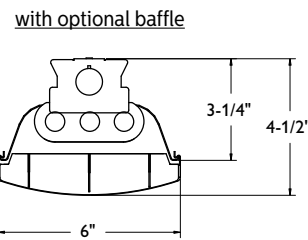
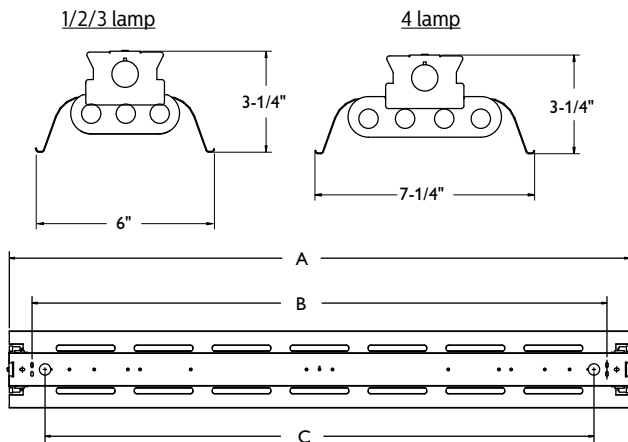
Construction/Finish

- Specifically designed around T5/T5HO sources to provide a much smaller cross-section than products designed for T8/T12 sources.
- Cross-sectional area of 1/2/3 lamp models is up to 75% smaller than T8/T12 products.
- 4 lamp cross-section models are slightly wider than 1/2/3 lamp models.
- Choice of reflectors for application flexibility - 25% upright, 10% upright or solid top.
- Painted after fabrication with high reflectance white powder coat finish.
- Reflectors are retained by thumbscrews for installation or removal without tools.
- 25% upright models include a center "V" in the reflector for added shielding.
- Optional baffle provides additional shielding in both directions.

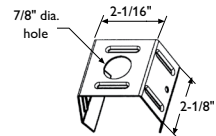
Electrical

- Spring loaded lampholders provide positive lamp engagement and electrical contact.
- cULus listed for damp locations.

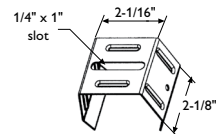
Dimensions



E4-HKK mounting bracket



E4-HKS mounting bracket



Dimensions	A (length)	B (Chain/"S" hook locations)	C (7/8" KO locations)
4' Unit	47-3/4"	44-1/4"	42-1/4"
8' Tandem Unit	95-1/2"	92"	90"

5F T5 specification industrial

T5 or T5HO

Photometry

T5 specification industrial, 2 lamp T5HO, 10% uplight

Efficiency – 94.9%

LER – 69

Catalog No.	5F254HO-PP1-1/2-EB	Candlepower				Light Distribution				Average Luminance				
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross	
Test No.	25369	0	2176	2176	2176	0-30	1762	20.0	21.1	5	12787	15271	15539	
S/MH	1.5	5	2161	2185	2165	0-40	2981	33.9	35.7	55	12651	15361	14119	
Source	F54T5HO	15	2091	2143	2151	0-60	5560	63.2	66.6	65	12340	13575	13126	
Lumens	4400	25	1958	2072	2140	0-90	7208	81.9	86.3	75	11301	12814	9078	
Input Watts	121	35	1765	1971	2092	90-180	1146	13.0	13.7	85	9462	7352	7080	
		45	1524	1820	1852	0-180	8353	94.9	100.0					
		55	1223	1485	1365	Coefficients of Utilization								
		65	879	967	935	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)								
		75	493	559	396	pcc	80			70			50	
		85	139	108	104	pw	70	50	30	70	50	30	50	30
		95	10	116	125	RCR								
		105	25	136	238	0	110	110	110	106	106	106	97	97
		115	35	184	162	1	100	94	91	95	92	88	85	82
		125	42	295	278	2	91	82	76	86	80	73	73	69
		135	49	333	382	3	81	71	64	79	69	63	65	58
		145	54	287	387	4	75	64	55	71	61	54	57	51
		155	61	208	295	5	68	56	47	66	55	46	51	44
		165	65	138	189	6	63	51	41	60	48	40	46	39
		175	66	83	89	7	58	46	36	56	44	36	41	34
						8	54	41	33	52	40	33	38	30
						9	51	38	29	48	36	29	34	28
						10	46	34	27	46	34	27	32	26

T5 specification industrial, 2 lamp T5HO, 25% uplight

Efficiency – 92.0%

LER – 67

Catalog No.	5F254HO-PP2-1/2-EB	Candlepower				Light Distribution				Average Luminance				
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross	
Test No.	25370	0	2163	2163	2163	0-30	1720	19.5	21.2	45	12720	13073	11319	
S/MH	1.3	5	2138	2167	2150	0-40	2858	32.5	35.3	55	12754	10902	8420	
Source	F54T5HO	15	2075	2107	2111	0-60	4951	56.3	61.1	65	12537	8044	6739	
Lumens	4400	25	1946	2010	2034	0-90	6244	70.9	77.1	75	11806	7038	7702	
Input Watts	121	35	1758	1858	1842	90-180	1855	21.1	22.9	85	9530	15793	21103	
		45	1516	1558	1349	0-180	8099	92.0	100.0					
		55	1233	1054	814	Coefficients of Utilization								
		65	893	573	480	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)								
		75	515	307	336	pcc	80			70			50	
		85	140	232	310	pw	70	50	30	70	50	30	50	30
		95	10	312	412	RCR								
		105	20	404	532	0	105	105	105	100	100	100	91	91
		115	32	403	556	1	94	91	86	90	86	82	79	76
		125	44	384	513	2	86	79	72	81	76	69	68	65
		135	53	343	466	3	79	69	61	75	67	59	60	56
		145	57	278	381	4	71	61	54	68	58	52	54	47
		155	63	198	281	5	66	55	46	63	53	46	48	41
		165	64	129	179	6	60	50	41	57	47	40	44	38
		175	68	82	82	7	56	45	36	54	42	35	40	34
						8	53	40	33	50	39	32	35	29
						9	48	36	29	46	35	28	33	27
						10	46	34	27	44	33	27	30	25



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

