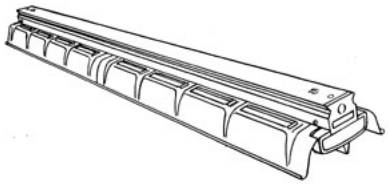
Day-Brite CFI by Signify

Industrial

2F specification

T8 or T12 Slimeline



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Day-Brite / CFI 2F specification industrial is a heavy duty turret industrial fluorescent luminaire providing 25% uplight with a center "V" giving 30° crosswise sheilding.

Ordering guide

Example: 2F259-PP-UNV-1/2-EB

Family	No. of Lamps per Cross Section	Lamp Type	Reflector Options	Voltage	Options
2F	2	–	–	–	
2F Spec. Industrial (25% uplight)	(not included) **2**	**48** 38W T12 Slimline (48") **59** 59W T8 Slimline (96") **96** 75W T12 Slimline (96")	**PP** Painted Polyester **PPS** Painted Polyester solid top	**UNV** Universal voltage 120/277V **120** 120V **277** 277V **347** 347V	**1/2** One 2-lamp ballast **EB** Electronic ballast, <10% THD **E7** B60 emerg. ballast, 600-700 lumens, 120/277V **E5** B50 emerg. ballast, U.S. or Canada market, 1100-1400 lumens, UNV **E5CAN** B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V **E5ST** B50ST emerg. ballast w/self test, 1100-1400 lumens, UNV **GLR** Fusing, fast blow Power Connect modular wiring available, see sheet 1604-OA for details

Accessories (order separately)

- **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
- **FL-111** Sliding hanger, conduit/stem/screw
- **FL-117** Hook, chain (requires FL-111)
- **FL-119** Hook, messenger cable (requires FL-111)
- **FL-123** 5' chain (w/S-hooks) set
- **FL-173** 4' wire guard (use 2 for 8')
- **FL-3** Channel coupling
- **FL-5** Reflector end cap (pair)
- **N-3381** Universal joint aligner, octagonal box, 3/4" I.P.S.

2F Specification industrial

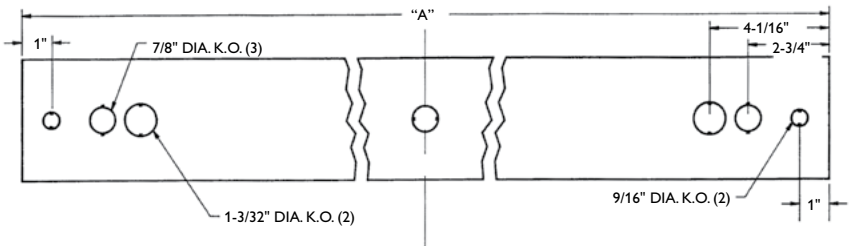
Construction/Finish

- Reflectors provide 10% uplight. Solid tops are available.
- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel,
- Reflectors have stiffening ribs for rigidity and provide 30° crosswise shielding.
- Twist-lock reflector thumb screws.
- Continuous rows utilize a simple concealed coupling, FL-3 (optional).

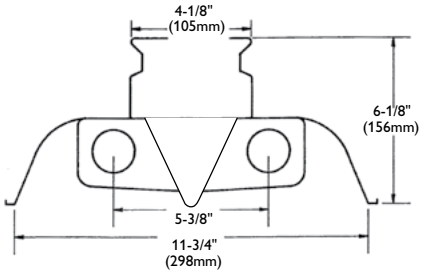
Electrical

- cULus listed for direct mounting on low density ceilings and damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.
- Spring-loaded turret lampholders provide positive lamp engagement and electrical contact.

Dimensions



		DIM "A"
4' Channel	(1227mm)	48-5/16"
8' Channel	(2446mm)	96-5/16"



2F Specification industrial

Photometry

2F 8' 2 Lamp F96T8 **Efficiency – 90.0%** **LER – 80** **TER – 46**

Catalog No.	2F259-PP-1/2-EB
Test No.	42362
S/MH	1.4
Lamp Type	F96T8
Lumens/Lamp	5800
Ballast Factor	0.85
Input Watts	111

Comparative yearly lighting energy cost per 1000 lumens – **$3.00** based on 3000 hrs. and $.08 pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Candlepower

Angle	End	45	Cross
0	2667	2667	2667
5	2658	2653	2700
15	2577	2631	2690
25	2401	2506	2561
35	2153	2298	2460
45	1835	2089	2275
55	1459	1793	1261
65	1032	804	546
75	576	316	294
85	149	120	135
95	33	98	119
105	179	156	185
115	362	262	225
125	553	436	378
135	723	545	550
145	868	564	639
155	979	580	618
165	1047	792	658
175	1083	1042	1029

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	2149	18.5	20.6
0-40	3598	31.0	34.5
0-60	6580	56.7	63.0
0-90	8039	69.3	77.0
90-180	2403	20.7	23.0
0-180	10442	90.0	100.0

Average Luminance

Angle	End	45°	Cross
45	3277	3730	4062
55	3212	3947	2776
65	3083	2402	1631
75	2810	1542	1434
85	2159	1738	1956

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pcc	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	102	102	102	96	96	96	89	89
1	93	89	85	89	84	81	78	75
2	84	78	71	81	75	68	68	64
3	78	68	61	73	66	58	59	55
4	70	60	53	67	57	51	53	47
5	65	54	46	61	52	45	47	41
6	59	48	40	56	46	39	42	36
7	56	44	35	53	41	34	39	33
8	52	40	32	48	38	30	34	29
9	47	35	28	46	34	28	33	27
10	45	33	27	42	32	26	29	23

Hg

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

Signify

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