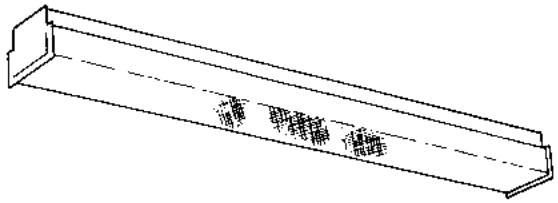
Day-Brite CFI by Signify

Linear

Slim Jim corridor wraparound

T5, T5HO, or T8



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

The Day-Brite / CFI Slim Jim corridor wraparound is a narrow wraparound luminaire with prismatic lens, ideal for corridor applications.

Ordering guide

Example: SJ232-UNV-1/2-EBLHE

Family	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
		–	–	
SJ Slim Jim	(not included)	**14** 14WT5 (22")	**UNV** Universal voltage 120/277V	**1/1** One 1-lamp ballast
TSJ Tandem (8')	**1**	**17** 17WT8 (24")	**120** 120V	**1/2** One 2-lamp ballast
	2	**24HO** 24WT5HO (22")	**277** 277V	**1/4** One 4-lamp ballast
		28 28WT5 (46")	**347** 347V	**2/2** Two 2-lamp ballasts
		32 32WT8 (48")		**EB** Electronic ballast, <10% THD
		54HO 54WT5HO (46")		**EB10R** T8 electronic ballast, program rapid start, <10% THD
				EBHE T8 electronic ballast, high efficiency, std. ballast factor
				EBLHE T8 electronic ballast, high efficiency, low ballast factor
				EBHHE T8 electronic ballast, high efficiency, high ballast factor
				LT20 -20˚F start option (T8, use in conjunction with ballast option)
				EBSD T8 electronic step dimming ballast, .88 ballast factor
				EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control
				EBDX Advance Mark 10 dimming ballast, phase control
				EBD Electronic dimming ballast, customer specified
				E1 B100 emerg. ballast, T8, 350-450 lumens, 120/277V
				E1CAN B100-CAN emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V
				E7 B60 emerg. ballast, T8, 600-700 lumens, 120/277V
				E5 B50 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV
				E5CAN B50-CAN emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V
				E5ST B50ST emerg. ballast w/self test, U.S. or Canada market, T8, 1100-1400 lumens, UNV
				E7LP LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V
				E6LP LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V
				GLR Fusing, fast blow

Power Connect modular wiring available, see sheet 1604-OA for details

Accessories (order separately)

- **CK-4** Closure band for continuous row mounting
- **FKR-126** Chain hanger set
- **TH-1** Sliding hanger, flush mounting
- **TH-2** Sliding hanger, 1-1/2" spacing
- **CTBH-1** T-bar sliding hanger, flush mounting
- **CTBH-2** T-bar sliding hanger, 1-1/2" spacing
- **TC-1** Heavy duty coupler
- **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

SJ Slim Jim corridor wraparound

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Construction/Finish

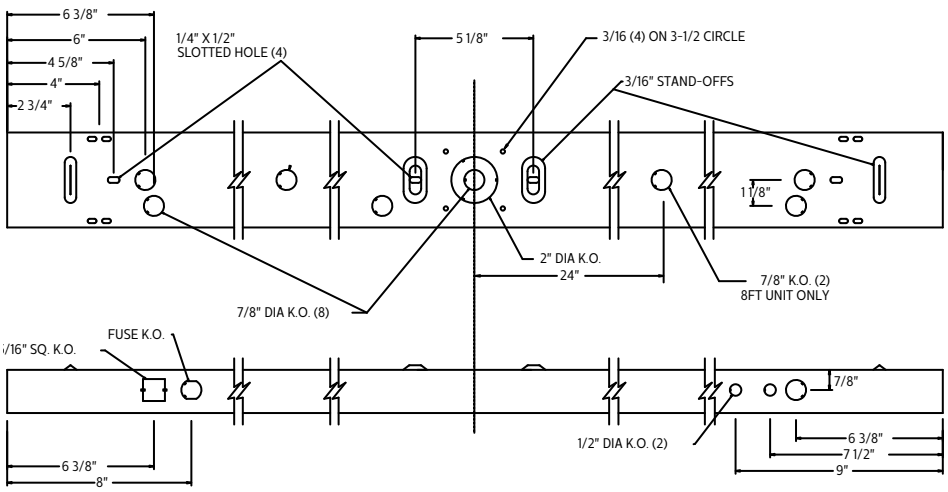
- Prismatic acrylic lens hinges from either side for easy maintenance. Straight sides eliminate dust build up.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Economical alternative to wrap-around and strip luminaires.
- Heavy duty channel of code gauge die formed streel.
- White steel end caps.

Electrical

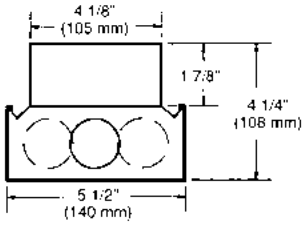
- cULus listed for direct mounting on low-density ceilings and damp locations.
- Lampholders snap into socket plates and may be individually replaced or rewired.
- Self-contained fluorescent emergency power packs can be incorporated.

Dimensions

NOTE: 2' & 3' MODELS INCLUDE ONLY OUTBOARD DETAILS



DIM "A"	
2' FIXTURE (610 mm)	24"
4' FIXTURE (1219 mm)	48"
8' FIXTURE (2438 mm)	96"



SJ Slim Jim corridor wraparound

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Photometry

Slim Jim wraparound, 4' 1 Lamp 32W T8 — Efficiency – 84.3% — LER – FW-72

Catalog No.	SJ132-1/1-EB
Test No.	41969
S/MH	1.5
Lamp Type	F32T8
Lumens/Lamp	2900
Ballast Factor	1.00
Input Watts	34

Comparative yearly lighting energy cost per 1000 lumens – **$3.33** based on 3000 hrs. and **$.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	595	595	595
5	597	596	597
15	576	601	622
25	531	597	636
35	463	551	584
45	351	437	442
55	210	275	276
65	126	179	195
75	72	126	193
85	18	96	236
95	0	122	287
105	3	179	298
115	3	170	259
125	5	93	150
135	5	41	62
145	7	33	46
155	7	23	34
165	7	11	21
175	5	4	5

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	499	17.2	20.4
0-40	836	28.8	34.2
0-60	1400	48.3	57.3
0-90	1838	63.4	75.2
90-180	606	20.9	24.8
0-180	2444	84.3	100.0

Average Luminance

Angle	End	45°	Cross
45	2913	2956	2522
55	2149	2124	1713
65	1750	1671	1371
75	1633	1546	1623
85	1212	1797	2565

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	94	94	94	91	91	91	81	81
1	85	81	78	81	78	73	69	68
2	78	70	65	73	68	63	60	56
3	70	63	56	67	59	54	54	48
4	65	56	47	61	53	46	47	42
5	59	50	41	56	46	40	42	38
6	56	45	36	53	42	35	39	34
7	51	40	33	48	39	32	35	29
8	47	36	29	45	34	28	33	27
9	45	34	27	41	32	26	29	25
10	41	30	25	40	29	23	28	22

Slim Jim wraparound, 4' 2 Lamp 32W T8 — Efficiency – 78.6% — LER – FW-74

Catalog No.	SJ232-1/2-EB
Test No.	41970
S/MH	1.4
Lamp Type	F32T8
Lumens/Lamp	2900
Ballast Factor	.92
Input Watts	56

Comparative yearly lighting energy cost per 1000 lumens – **$3.24** based on 3000 hrs. and **$.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	1236	1236	1236
5	1239	1239	1240
15	1194	1240	1275
25	1095	1196	1253
35	943	1063	1098
45	713	813	813
55	413	537	532
65	247	357	403
75	135	247	408
85	33	188	483
95	0	247	512
105	4	291	388
115	8	192	277
125	10	143	217
135	13	99	156
145	13	64	95
155	13	41	61
165	11	17	34
175	13	9	12

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	1014	17.5	22.2
0-40	1666	28.7	36.6
0-60	2741	47.3	60.1
0-90	3612	62.3	79.2
90-180	947	16.3	20.8
0-180	4558	78.6	100.0

Average Luminance

Angle	End	45°	Cross
45	5918	5499	4640
55	4226	4149	3301
65	3430	3334	2834
75	3062	3031	3432
85	2222	3519	5251

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	90	90	90	85	85	85	78	78
1	81	77	72	77	72	69	67	64
2	72	67	60	69	64	58	58	55
3	67	58	53	64	56	51	52	46
4	61	52	46	57	50	44	46	40
5	56	46	40	54	45	39	41	35
6	52	41	34	50	40	34	38	32
7	48	38	32	46	36	30	34	28
8	45	34	28	42	34	28	30	26
9	41	32	26	40	30	25	28	23
10	40	28	23	38	28	23	27	22

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

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