

# Day-Brite

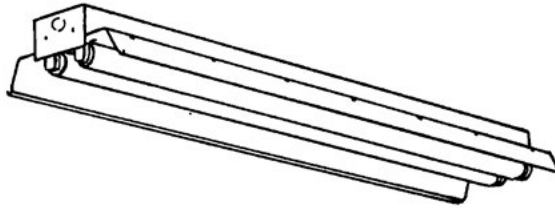
## CFI

by Signify

### Industrial

IA all purpose

T5, T5HO, or T8



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Day-Brite / CFI all purpose industrial is an industrial luminaire available with or without upright at a economical price.

#### Ordering guide

Example: IA232-1/2-EB

Family	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
	2	—	—	
<b>IA</b> Industrial w/ uplight	(not included)	<b>28</b> 28WT5 (46")	<b>UNV</b> Universal voltage	<b>1/2</b> One 2-lamp ballast
<b>TIA</b> Tandem Unit w/uplight	<b>2</b>	<b>32</b> 32WT8 (48")	120/277V	<b>1/4</b> One 4-lamp ballast
<b>IS</b> Solid Top Reflector		<b>54HO</b> 54WT5HO (46")	<b>120</b> 120V	<b>2/2</b> Two 2-lamp ballasts
<b>TIS</b> Tandem Unit w/solid top			<b>277</b> 277V	<b>EB</b> Electronic ballast, <10% THD
			<b>347</b> 347V	<b>EB10R</b> T8 electronic ballast, program rapid start, <10% THD
				<b>EBHE</b> T8 electronic ballast, high efficiency, std. ballast factor
				<b>EBLHE</b> T8 electronic ballast, high efficiency, low ballast factor
				<b>EBHHE</b> T8 electronic ballast, high efficiency, high ballast factor
				<b>LT20</b> -20°F start option (T8, use in conjunction with ballast option)
				<b>E1</b> B100 emerg. ballast, T8, 350-450 lumens, 120/277V
				<b>E1CAN</b> B100-CAN emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V
				<b>E7</b> B60 emerg. ballast, T8, 600-700 lumens, 120/277V
				<b>E5</b> B50 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV
				<b>ESCAN</b> B50-CAN emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V
				<b>ESST</b> B50ST emerg. ballast w/self test, U.S. or Canada market, T8, 1100-1400 lumens, UNV
				<b>E7LP</b> LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V
				<b>E6LP</b> LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V
				<b>GLR</b> Fusing, fast blow
				See section 1600-OA for option info. and 950-SS for mounting hardware. 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
- **CTBH-1** T-bar sliding hanger, flush mount
- **CTBH-2** T-bar sliding hanger, 1-1/2" spacing
- **FKR-126** Chain hanger set
- **N-3381** Universal joint aligner, octagonal box, 3/4" I.P.S.
- **TH-1** Sliding hanger, flush mounting
- **TH-2** Sliding hanger, 1-1/2" spacing except T12HO/VHO
- **TC-1** Heavy duty coupler
- **FKR-173** 4' Wire guard (use 2 for 8')



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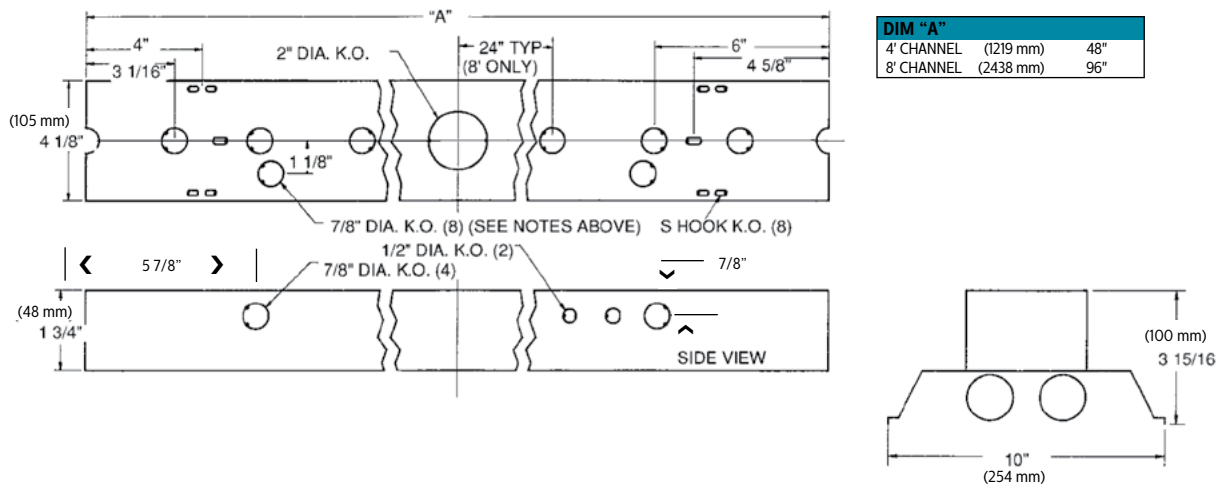
## Construction/Finish

- Reflectors feature reinforcing forms and are painted with high reflectance baked white enamel finish.
- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel with baked white enamel finish.
- Reflectors are easily installed and have up-light construction standard. Solid top reflectors are available.
- Combination end cap/coupler requires no tools for installation.
- 1/4 turn reflector fastener requires no tools.
- Suitable for unit or row, direct or suspension mounting.

## Electrical

- cULus listed for direct mounting on low density ceilings and damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.

## Dimensions



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## Photometry

IA all purpose industrial, 4' 2 Lamp 32WT8

Efficiency – 86.6%

LER – FI-76

TER – 46

Catalog No. IA232-1/2-EB Test No. 42321 S/MH 1.5 Lamp Type F32T8 Lumens/Lamp 2900 Ballast Factor .92 Input Watts 61		Candlepower				Light Distribution				Average Luminance								
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross					
Comparative yearly lighting energy cost per 1000 lumens – <b>\$3.16</b> based on 3000 hrs. and <b>\$.08</b> pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		0	1310	1310	1310	0-30	1065	18.4	21.2	45	3870	4886	5562					
		5	1312	1307	1306	0-40	1804	31.1	35.9	55	3684	5392	6232					
		15	1263	1288	1314	0-60	3493	60.2	69.5	65	3338	5991	6952					
		25	1169	1249	1317	0-90	4848	83.6	96.5	75	2725	6400	6023					
		35	1039	1186	1295	90-180	176	3.0	3.5	85	1337	2891	1445					
		45	869	1097	1249	0-180	5024	86.6	100.0									
		55	671	982	1135	<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>												
		65	448	804	933													
		75	224	526	495	pcc	80			70			50					
		85	37	80	40	pw	70	50	30	70	50	30	50	30				
		95	0	12	4	RCR												
		105	0	42	46	0	102	102	102	100	100	100	94	94				
		115	0	75	79	1	92	88	83	90	85	81	81	78				
		125	0	59	108	2	82	75	68	81	72	68	69	65				
		135	0	10	76	3	75	65	57	72	64	56	60	55				
		145	0	1	12	4	68	56	48	66	56	47	53	46				
		155	0	1	2	5	63	51	41	59	50	41	46	40				
165	0	0	1	6	57	45	36	56	44	36	41	35						
175	0	0	0	7	53	40	33	51	40	32	38	32						
				8	48	36	28	47	35	28	34	28						
				9	46	34	26	45	33	26	32	26						
				10	42	30	23	41	30	23	28	23						



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](http://www.lamprecycle.org)

