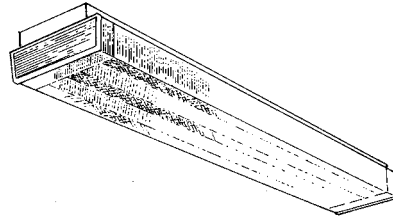


PHILIPS Day-Brite CFI

Linear

HW wraparound

Narrow, T5, T5HO, or T8



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

The Philips Day-Brite / Philips CFI HW wraparound narrow is a specification luminaire that uses the Holophane 7100A injection molded acrylic lens.

Ordering guide

Example: HWN232-UNV-1/2-EBHE

Series	Width	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
			—	—	
HW Holophane Injected Molded Lens THW Tandem (8")	N Narrow	(not included) 1 2 3	28 28wT5 (46") 32 32wT8 (48") 54HO 54WT5HO (46")	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 EB Electronic ballast, <10% THD 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 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, T8, Canada market, 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, 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

See Section 1600-OA for Option Information.
See Page 950-SS for Mounting Hardware.

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

HWN Wraparound, narrow

T5, T5HO, or T8

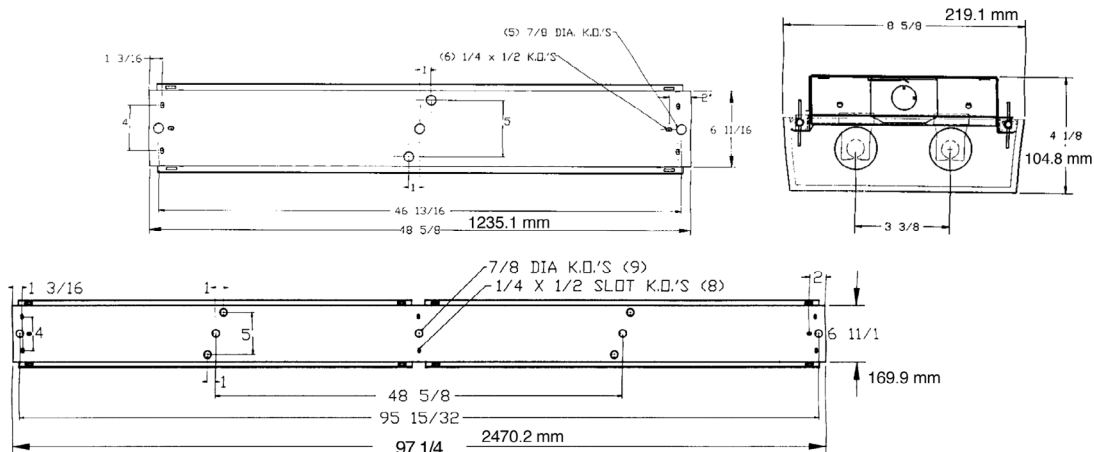
Construction/Finish

- Holophane 7100A injection molded acrylic lens with specially engineered optics which provides widespread light distribution, obscures lamp images and masks dark lamp ends for clean, crisp luminaire appearance.
- 100% virgin acrylic lens hinges from either side for easy maintenance.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Multiple knockouts accommodate a variety of mounting methods.
- Heavy duty channel of code gauge die formed steel.
- For surface or stem mounting.

Electrical

- cULus listed for direct mounting to 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



HWN Wraparound, narrow

T5, T5HO, or T8

Photometry

Linear wraparound HWN 2 Lamp T8

Efficiency – 79.5%

LER – FW-80

TER – 69

Catalog No.		Candlepower				Light Distribution				Average Luminance			
Test No.		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45	Cross
S/MH		0	1382	1382	1382	0-30	1144	19.7	24.8	45	3548	4394	5928
Lamp Type		5	1377	1386	1387	0-40	1973	34.0	42.8	55	1612	2375	3316
Lumens/Lamp		15	1327	1385	1405	0-60	3233	55.7	70.1	65	1048	1424	1923
Ballast Factor		25	1229	1346	1442	0-90	3834	66.1	83.1	75	1155	1704	1922
Input Watts		35	1057	1345	1529	90-180	779	13.4	16.9	85	825	1775	2290
		45	688	978	1363	0-180	4613	79.5	100.0				
		55	258	459	669								
		65	127	225	322								
		75	91	201	246								
		85	28	132	194								
		95	2	108	237								
		105	6	157	363								
		115	13	204	288								
		125	16	132	219								
		135	20	94	179								
		145	22	59	113								
		155	26	43	66								
		165	28	29	41								
		175	29	28	31								

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 Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Linear wraparound HWN 3 Lamp T8

Efficiency – 75.3%

LER – FW-73

TER – 63

Catalog No.		Candlepower				Light Distribution				Average Luminance			
Test No.		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45	Cross
S/MH		0	2147	2147	2147	0-30	1757	20.2	26.8	45	5683	6855	7667
Lamp Type		5	2131	2154	2153	0-40	2954	34.0	45.1	55	2494	3923	4605
Lumens/Lamp		15	2055	2141	2163	0-60	4744	54.5	72.4	65	1584	2304	2544
Ballast Factor		25	1911	2059	2155	0-90	5574	64.1	85.0	75	1739	2331	2531
Input Watts		35	1663	1934	2080	90-180	980	11.3	15.0	85	1237	2555	2939
		45	1102	1526	1763	0-180	6554	75.3	100.0				
		55	399	758	929								
		65	192	364	426								
		75	137	275	324								
		85	42	190	249								
		95	0	135	326								
		105	10	171	484								
		115	17	242	376								
		125	21	170	280								
		135	24	128	224								
		145	28	92	157								
		155	34	69	102								
		165	36	43	59								
		175	40	38	41								

Comparative yearly lighting energy cost per 1000 lumens – **\$3.29** based on 3000 hrs. and \$.08 pwr KWH.

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



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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