

PHILIPS
Day-Brite
CFI

Linear

Dominaire II
wraparound

4', 9" wide, T8



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

The Philips Day-Brite / Philips CFI Dominaire II wraparound is an excellent lighting solution for illuminating cafeterias, small offices, corridors, kitchens, and family rooms.

Ordering guide

Example: WA4A232UNV-1/2-EB

Family	Length	Width	Lamp quantity/ cross section	Lamp Type (by others)	Voltage	Options
<input type="text" value="WA"/>	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="2"/>	<input type="text" value="32"/>	<input type="text"/> –	<input type="text"/>
WA Dominaire II wraparound with white body	4 4'	A 9"	2 2 lamps	32 32WT8	UNV Universal voltage, 120-277V 120 120V 277 277V 347 347V	1/2 One 2-lamp ballast EB Electronic ballast, <10% THD EB10I Electronic ballast, instant start, <10% THD EB10R Electronic ballast, program rapid start, <10% THD EBHE Electronic ballast, high efficiency, std. ballast factor EBLHE Electronic ballast, high efficiency, low ballast factor EBHHE Electronic ballast, high efficiency, high ballast factor EBSD Electronic ballast, step dimming, std. (.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, 350-450 lumens, 120/277V E1CAN B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V E7 B60 emerg. ballast, 600-700 lumens, 120/277V E5 B50 emerg. ballast, US 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

Accessories (order separately)

Stem and Canopy Sets – suspend luminaire 12", 18", 24", 36", or 48" from surface

- **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

When stem mounting luminaire in continuous rows, units must be coupled with nuts and bolts (by others) at end of fixture.

WA4 Dominaire II wraparound

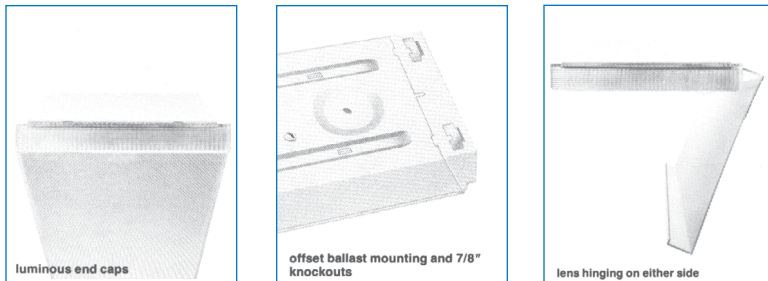
4', 9" wide, T8

Features

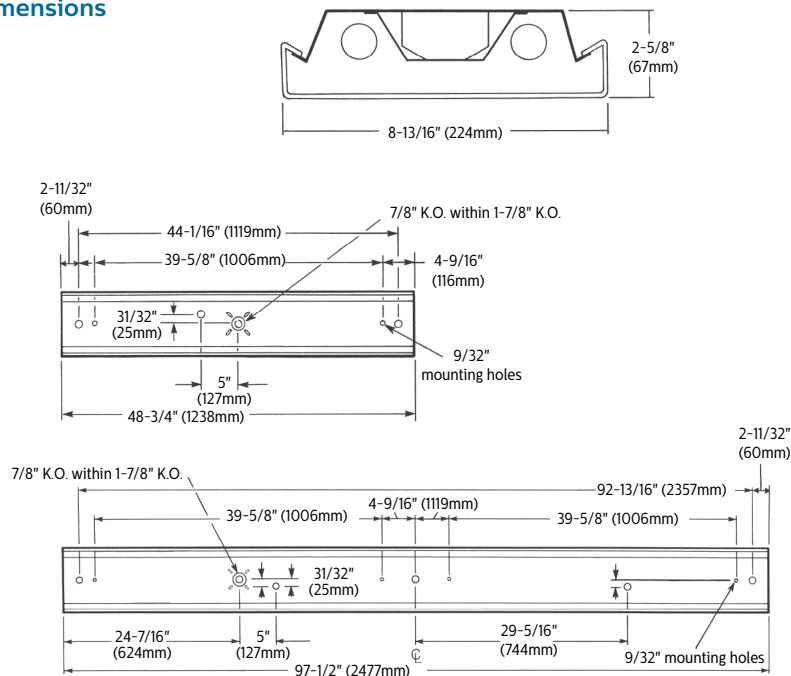
- Step back housing for an apparent depth of 1-1/2".
- Only 2-5/8" total depth.
- Prismatic virgin acrylic lens – 9" wide.
- Efficiency 70.9%.
- Luminous catadioptric end caps.
- Two side self-leveling lens hinging.
- Zip-clip flush mount on T-grid ceilings.
- Off center 7/8" K.O. for flush mount to T-grid ceiling.

Specifications

- **Performance:** In an installation of 2 lamp 32WT8 luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .74. To reduce glare the VCP shall be not less than 48 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 683 footlamberts. To prevent veiling reflections, luminaire output in the 30°-90° zone shall not be less than 64.1%.
- **Materials:** Chassis parts are die-formed code gauge cold rolled steel.
- **Finish:** Chassis exterior—white baked polyester enamel. Cavity— white baked polyester enamel minimum 86% reflectance. Phosphate under-coating.
- **Lens:** One-piece extruded acrylic prismatic bottom and side walls.
- **End Caps:** Injection molded catadioptric end caps separate from lens.
- **Electrical:** Thermally protected class "P" ballast, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
- **Labels:** cULus listed, suitable for damp locations.



Dimensions



WA4 Dominaire II wraparound

4', 9" wide, T8

Photometry

Dominaire II Wraparound 2 lamp T8

Efficiency – 71.4%

LER – 64

TER – 53

		Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Catalog No.	WA4A232120-1/2-EB	0	1519	1519	1519	0-30	859	14.6	20.4	45	4611	4502	4391
Test No.	LOL10000	5	1520	1517	1517	0-40	1577	26.7	37.4	55	3136	3506	3234
S/MH	1.3	15	1472	1481	1491	0-60	3012	51.1	71.5	65	2199	2407	2196
Lamp Type	32WT8	25	1363	1393	1411	0-90	3913	66.3	92.9	75	2192	1955	1945
Lumens/Lamp	2950	35	1198	1242	1253	90-180	300	5.1	7.1	85	2000	1543	2009
Ballast Factor	.95	45	920	980	977	0-180	4213	71.4	100.0				
Input Watts	63	55	513	648	615								
		65	270	352	334								
		75	171	201	212								
		85	62	87	127								
		95	5	36	113								
		105	10	59	148								
		115	18	86	105								
		125	18	53	69								
		135	16	39	42								
		145	11	30	39								
		155	6	21	30								
		165	13	17	24								
		175	24	24	26								
Comparative yearly lighting energy cost per 1000 lumens – \$3.81 based on 3000 hrs. and \$0.08 pwr KWH.													

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	84	84	84	81	81	81	77	77				
1	76	72	69	73	70	67	66	63				
2	69	62	57	66	60	56	57	53				
3	62	54	48	60	53	47	50	45				
4	57	48	41	55	46	40	44	39				
5	52	42	36	50	41	35	39	34				
6	48	38	31	46	37	31	35	30				
7	44	34	28	42	33	27	32	26				
8	41	31	25	39	30	24	29	23				
9	38	28	22	37	27	22	26	21				
10	35	26	20	34	25	20	24	19				



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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