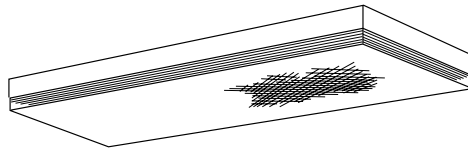


Linear

DW straight side wraparound

Wide, T5, T5HO, or T8



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

The Day-Brite / CFI DW straight side wraparound wide is a specification grade luminaire with injection molded end caps.

Ordering guide

Example: DWW228-UNV-1/2-EB

Family	Width		No. of Lamps per Cross Section	Lamp Type	Voltage		Options
	W				—		
DW	Straight side wrap	W Wide	(not included)	28 28WT5 (46")	UNV	Universal voltage	1/2 One 2-lamp ballast
TDW	Tandem (8') model		2	32 32WT8 (48")		120/277V	1/3 One 3-lamp ballast
VDW	Vandal resistant model		3 (cannot be stem mounted)	54HO 54WT5HO (46")	120	120V	1/21 2-lamp & 1-lamp ballasts
VTDW	Vandal resistant tandem model (8')		4 (not available in 54WT5HO)		277	277V	1/4 One 4-lamp ballast
					347	347V	2/2 Two 2-lamp ballasts
							1/42 4-lamp & 2-lamp ballasts
							2/4 Two 4-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, 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.

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

DWW Straight side wraparound, wide

T5, T5HO, or T8

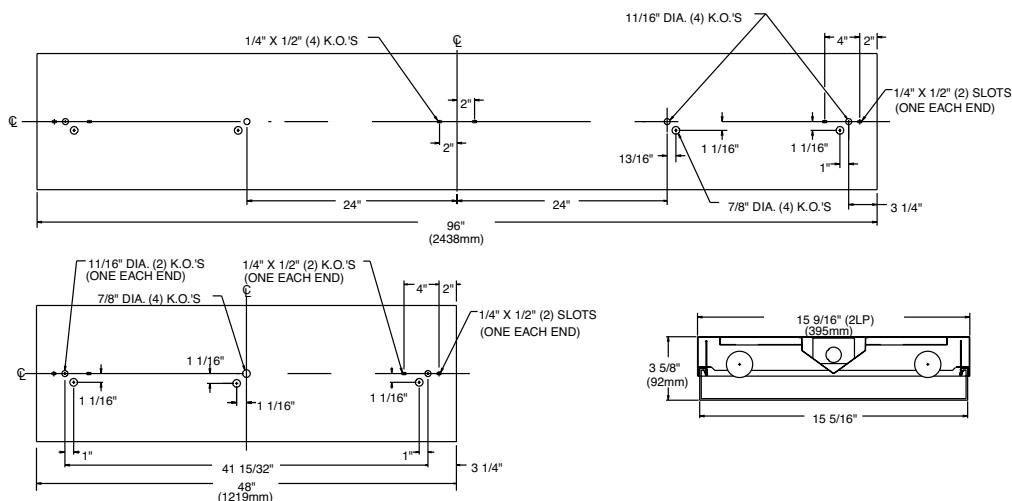
Construction/Finish

- Standard diffuser is flat bottom prismatic acrylic with linear side and end prisms.
- Optional high impact diffuser is 1/8" thick and contains 50% "DR" impact resistant acrylic.
- Diffuser end caps are injection molded acrylic.
- Diffuser hinges and latches from either side with 4 torsion springs.
- 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.
- 3 lamp is for surface mounting only.

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 (2 lamp)



Photometry

Straight side wraparound DWW 2 Lamp T8

Efficiency – 83.2%

LER – FW-69

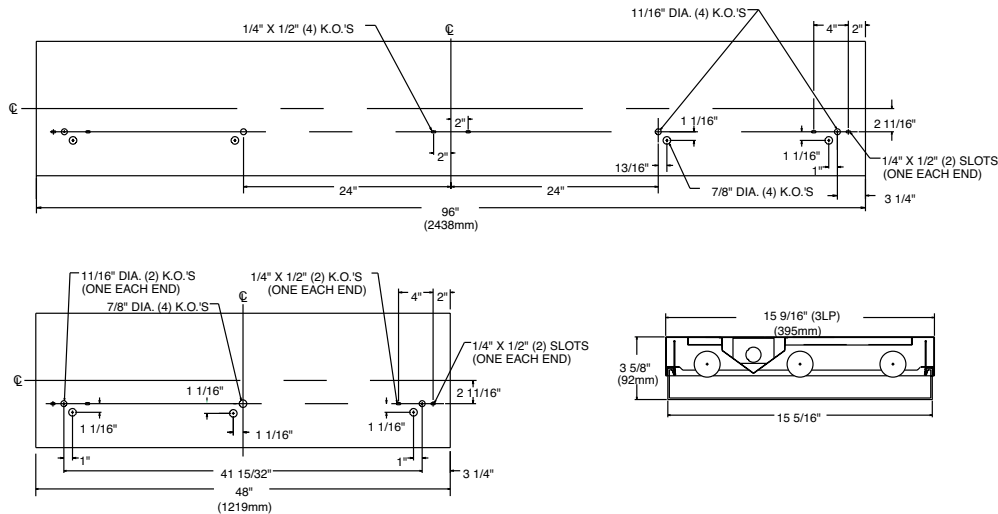
TER – 58

Catalog No.	DWW 232-1/2-EB	Candlepower				Light Distribution				Average Luminance			
Test No.	17014	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
S/MH	1.4	0	1514	1514	1514	0-30	1225	21.1	25.4	45	2818	2980	3084
Lamp Type	F32T8	5	1519	1513	1503	0-40	2039	35.1	42.2	55	2253	2497	2544
Lumens/Lamp	2900	15	1471	1494	1507	0-60	3541	61.1	73.4	65	1727	2086	2448
Ballast Factor	.92	25	1369	1436	1474	0-90	4603	79.4	95.4	75	1590	2130	2817
Input Watts	64	35	1211	1324	1363	90-180	224	3.9	4.6	85	1434	2723	2787
		45	979	1095	1140	0-180	4827	83.2	100.0				
Comparative yearly lighting energy cost per 1000 lumens – \$3.48 based on 3000 hrs. and \$.08 pwr KWH.		55	643	771	792								
		65	371	502	596								
		75	219	352	474								
		85	81	231	245								
		95	25	87	95								
		105	19	52	66								
		115	13	38	45								
		125	9	30	33								
		135	6	23	28								
		145	4	14	21								
The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		155	4	8	12								
		165	4	5	6								
		175	4	4	4								
Coefficients of Utilization													
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=.020)													
pcc		80			70			50					
pw		70	50	30		70	50	30		50	30		
RCR													
0		97	97	97		94	94	94		90	90		
1		89	84	81		85	81	79		78	75		
2		81	73	68		78	71	66		68	63		
3		73	65	57		70	63	56		59	54		
4		67	56	50		65	56	48		53	46		
5		61	51	44		59	50	42		47	41		
6		56	46	39		55	45	38		42	36		
7		53	41	34		51	40	34		39	33		
8		48	38	30		47	36	30		35	29		
9		46	34	28		45	34	28		33	27		
10		42	32	26		41	32	25		30	25		

DWW Straight side wraparound, wide

T5, T5HO, or T8

Dimensions (3 lamp)



Photometry

Straight side wraparound DWW 3 Lamp T8

Efficiency – 78.8%

LER – FW-73

TER – 62

Catalog No.	DWW 332-120-1/3-EB
Test No.	17026
S/MH	1.4
Lamp Type	F32T8
Lumens/Lamp	2900
Ballast Factor	.93
Input Watts	87

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

Candlepower

Angle	End	45	Cross
0	2190	2190	2190
5	2186	2187	2182
15	2117	2152	2174
25	1972	2056	2108
35	1742	1880	1949
45	1419	1587	1650
55	930	1092	1143
65	536	690	776
75	319	466	595
85	125	292	369
95	36	130	138
105	27	78	97
115	18	62	84
125	13	41	51
135	9	29	38
145	7	18	27
155	6	10	16
165	6	6	8
175	6	5	6

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	1759	20.2	25.7
0-40	2923	33.6	42.6
0-60	5084	58.4	74.2
0-90	6527	75.0	95.2
90-180	327	3.8	4.8
0-180	6853	78.8	100.0

Average Luminance

Angle	End	45°	Cross
45	4085	4318	4463
55	3258	3537	3672
65	2495	2867	3187
75	2316	2820	3536
85	2214	3442	4197

Coefficients of Utilization

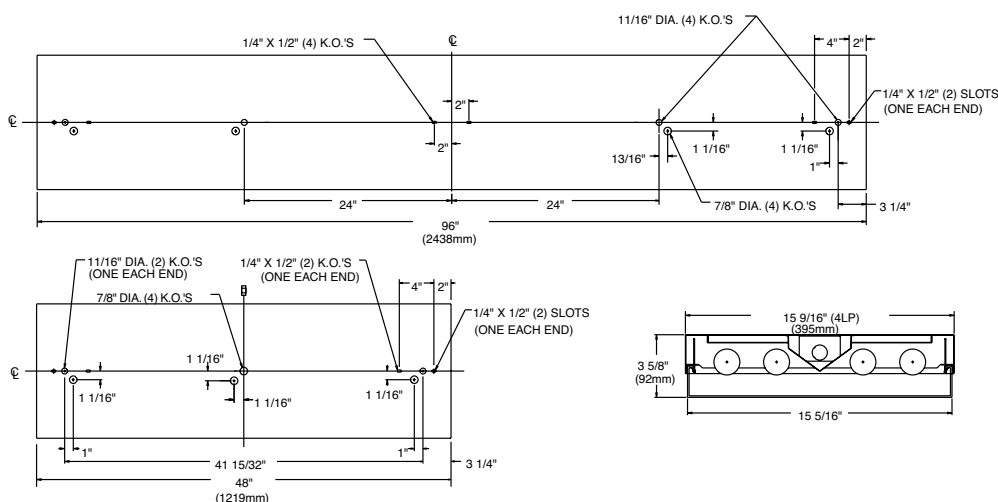
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pcc	80			70			50	
	70	50	30	70	50	30	50	30
pw								
RCR								
0	93	93	93	90	90	90	84	84
1	83	80	77	81	78	75	73	70
2	77	69	64	73	68	63	65	59
3	69	60	55	68	59	54	56	52
4	64	54	46	61	53	46	51	45
5	58	48	41	56	47	40	45	40
6	54	44	36	53	42	35	40	34
7	50	40	33	48	39	32	36	32
8	46	35	29	45	35	28	34	28
9	44	33	27	41	33	26	30	26
10	40	30	23	40	29	23	28	23

DWW Straight side wraparound, wide

T5, T5HO, or T8

Dimensions (4 lamp)



Photometry

Straight side wraparound DWW 4 Lamp T8

Efficiency – 78.2%

LER – FW-75

TER – 64

Catalog No.	DWW 432-120-1/4-EB
Test No.	17028
S/MH	1.3
Lamp Type	F32T8
Lumens/Lamp	2900
Ballast Factor	.91
Input Watts	110

Comparative yearly lighting energy cost per 1000 lumens – **\$3.20** 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	2968	2968	2968
5	2962	2967	2941
15	2862	2916	2929
25	2664	2787	2837
35	2361	2550	2606
45	1900	2101	2191
55	1254	1430	1435
65	722	886	968
75	427	600	757
85	163	368	472
95	47	161	157
105	36	94	115
115	25	84	104
125	17	61	80
135	12	40	56
145	9	24	36
155	8	13	20
165	8	8	10
175	8	8	7

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	2380	20.5	26.2
0-40	3952	34.1	43.6
0-60	6806	58.7	75.0
0-90	8662	74.7	95.5
90-180	411	3.5	4.5
0-180	9073	78.2	100.0

Average Luminance

Angle	End	45	Cross
45	5470	5717	5927
55	4393	4631	4610
65	3360	3681	3976
75	3100	3630	4499
85	2886	4337	5369

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	92	92	92	90	90	90	84	84
1	83	80	76	81	78	73	73	70
2	76	69	64	73	68	63	64	59
3	69	60	55	67	59	54	56	52
4	64	54	47	61	53	46	51	45
5	58	48	41	56	47	40	46	40
6	54	44	36	52	42	35	40	34
7	50	40	33	48	39	33	36	32
8	46	35	29	45	35	28	34	28
9	44	33	27	41	33	27	32	26
10	40	30	25	40	29	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

