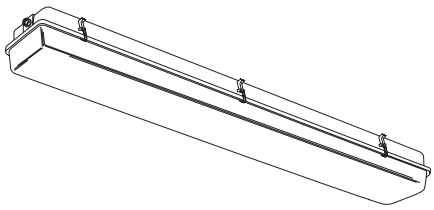
1514-PF

Protected Fluorescent

DW Industrial Vaporlume

4' Wet Location 1 or 2 Lamp T5, T5HO, T8 Slimline or High Output



application

- Acceptable for outdoor as well as indoor installations.
- Can be surface (wall/ceiling) or suspended mounted unless otherwise specified.
- **Wet Location-**Areas of high humidity, water vapor, rain, incidental water spray, or other non-corrosive or non-flammable liquid.
- **Mounting brackets available, order separately.**
- IP65 rating standard, IP67 configuration available.
- NSF Certified for non food zone installations.

construction/finish

- Non-conductive, non-corrosive housing.
- Smooth exterior surface for easy cleaning.
- White molded fiberflass reinforced polyester body.
- High impact DR acrylic molded lens.
- Continuous closed cell, foam in-place gasket.
- ABS cam action latches.
- Lighting channel has high reflectance baked white enamel finish.
- Two gasketed threaded (1/2" trade size) wet location hubs installed on ends.

electrical

- Electronic ballasts are standard on high output (44HO and 48HO) models, please include EB ballast designator in catalog number. Magnetic HO ballasts are more expensive than electronic and are suitable for cold ambient applications only.
- Philips Day-Brite's standard fixtures for high output T8 (380mA) and T12 (800mA) include ballasts rated for -20° F starting temperature where available.
- cULus listed for wet locations. Also suitable for damp locations.
- Self-contained fluorescent emergency ballasts available for wet or damp locations – see options list.

Specifier's Reference

Project
Type
Model No.
Comments

Green Choice: DWAE232-UNV-1/2-EBLHE

D W A E _____ – _____ – _____

Family
D – Fiberglass Wet Location Industrial

UL/cUL Listed
W – Wet Location

Lens
A – DR Acrylic

Hubs Installed
E – Ends only

No. of Lamps Per Cross Section
(not included)
1
2

Lamp Type/ Wattage
28 – 28WT5 (46")
32 – 32WT8 (48")
48 – 38WT12 Slimline (48")
44HO – 44WT8 380mA (48")
48HO – 60WT12 800mA (48")
54HO – 54WT5HO (46")

Voltage
120
277
347
UNV – Universal Voltage, 120-277 volt

Options
1/1 – One 1-lamp ballast
1/2 – One 2-lamp ballast
EB – Electronic ballast, <20% THD
EBH – T8 high ballast factor electronic ballast
EB10I – T8 electronic ballast, instant start, <10% THD
EB10R – 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 ballast, step dimming, std. (.88) ballast factor
EBD – Electronic dimming ballast
ESNOLP – Electronic ballast for energy saving (25/28/30W) T8 lamps, use when lamps are not specified with the luminaire
EB95 – 28WT5 electronic ballast, .95 ballast factor (2 lamp only)
EB115 – 28WT5 electronic ballast, 1.15 ballast factor
E1CAN – DEB-1 emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V, damp loc.
E5CAN – DEB-5 emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V, damp loc.
E5ST – DEB-5ST emerg. ballast w/self test, T8, 1100-1400 lumens, damp loc.
E7W – DEB-7W emerg. ballast, T8/T12, 600-700 lumens, wet loc.
E5W – DEB-5W emerg. ballast, US or Canada market, T8/T12, 1100-1400 lumens, wet loc., 120/277V
E6LP – DEB-6LP emerg. ballast, US or Canada market, T8/T5/T5HO, 750-1325 lumens, wet loc.
GLR# – Fusing, fast blow (# = number of ballasts)
LT – Low temperature (0°F) start ballast (standard on T5/T5HO, F17T8, F32T8, HO)
MD360W – Wet location occupancy sensor, external

See section 1600-OA for options info. and sheet 1455-IF for mounting hardware.

Accessories

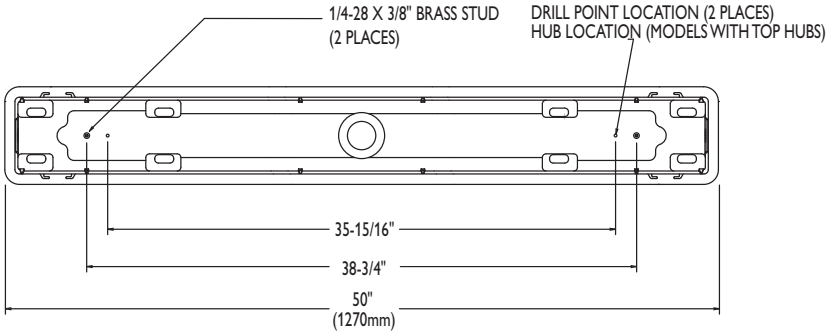
TBK – Stainless Steel Top Surface Mounting Brackets (pair)
EBK – Stainless Steel End Surface Mounting Brackets (pair)
WBK – Wraparound stainless steel brackets (pair) for surface or chain mounting
FKR-126 – Chain Hanger Set (requires TBK or TBKG

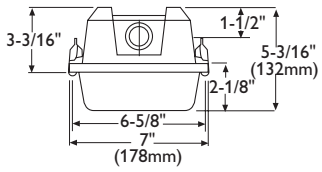
PHILIPS Day-Brite PHILIPS CFI

1514-PF

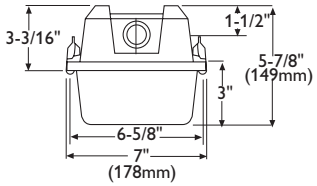
DW 4' 1 or 2 Lamp T5, T5HO, T8 Slimeline or Lamp High Output

dimensions





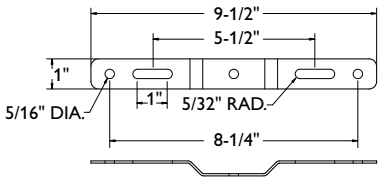
SHALLOW LENS VERSION (STANDARD)



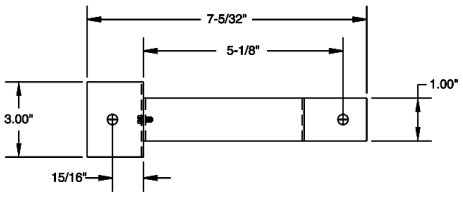
DEEP LENS VERSION FOR HIGH AMBIENT, OR WHEN 800mA LAMPS ARE OPERATED ON MAGNETIC BALLAST.

mounting brackets

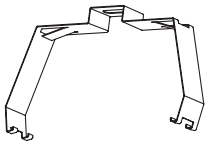
TBK - TOP MOUNTING BRACKET



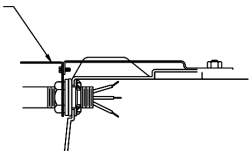
EBK - END MOUNTING BRACKET



WBK - WRAPAROUND MOUNTING BRACKET



EBK - END MOUNTING BRACKET



DW 4' 2 Lamp F32T8 — Efficiency – 85.1% — LER – 79 — TER – 45

Catalog No.	DWAE232-120-1/2-EB
Test No.	20017D1
S/MH	1.5
Lamp Type	F32T8
Lumens/Lamp	2850
Ballast Factor	0.88
Input Watts	54

Comparative yearly lighting energy cost per 1000 lumens – **$3.04** 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.

Candlepower

Angle	End	45	Cross
0	1109	1109	1109
5	1102	1105	1104
15	1066	1096	1116
25	988	1063	1117
35	871	1007	1110
45	717	921	1065
55	528	796	973
65	336	661	867
75	174	552	739
85	53	369	511
95	19	199	323
105	15	112	190
115	7	56	83
125	3	28	39
135	2	13	23
145	4	7	13
155	4	4	6
165	5	5	7
175	6	7	8

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	905	15.9	18.7
0-40	1532	26.9	31.6
0-60	2923	51.3	60.3
0-90	4438	77.9	91.5
0-180	4850	85.1	100.0

Average Luminance

Angle	End	45°	Cross
45	5162	5457	5986
55	4608	5337	6090
65	3872	5287	6339
75	3090	5685	6743
85	2194	5573	6459

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	100	100	100	95	95	95	91	91
1	88	82	78	84	80	76	75	71
2	79	70	64	76	68	61	64	58
3	70	60	53	68	58	52	56	48
4	65	54	45	61	52	44	48	41
5	58	47	39	56	46	38	42	36
6	55	42	34	53	40	34	39	32
7	51	38	29	48	36	29	34	28
8	46	34	27	45	34	27	32	26
9	44	32	25	41	30	23	28	23
10	40	28	22	40	28	22	27	20

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

Philips Lighting
North America Corporation
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008