

7.5" ROUND DOWNLIGHT – VERTICAL LAMP

PV75

CFL

CATALOG #: _____ TYPE: _____

PROJECT: _____

NOTES: _____

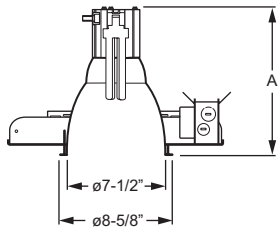
EXAMPLE

PV75 - 1 32T - CS - OPTIONS - EB1 - UNV

SERIES NUMBER WATTAGE/ REFLECTOR OPTIONS BALLAST VOLTAGE
 OF LAMPS TYPE FINISH TYPE TYPE



CROSS SECTION



Wattage/Type	Dim. A
18T	9-3/8"
26Q	11-1/4"
26T	10-3/8"
32T	10-3/4"
42T	11-1/4"

ORDERING INFORMATION

SERIES

PV75 7.5" Round Downlight–Vertical Lamp

LAMP OPTIONS

# OF LAMPS	WATTAGE/TYPE
1	18T, 26Q, 26T, 32T, or 42T

REFLECTOR FINISH

CS Clear semi-specular (standard)
SPC Clear specular
CG Champagne gold
GD Gold
PW Pewter
SG Satin-glow
STR Straw
WH Painted white reflector, textured
WT Wheat

OPTIONS

For EM and EM/ITS ballast options, see [Technical Info](#). (EM is not available with RETRO option. EM/ITS option is not available with CP or YOKE options).

F Fuse (must specify voltage)
MWT Matte white trim
MB Micro-baffle
YOKE Yoke mount reflector (not available with EM/ITS option)
CP Chicago Plenum (CCEA) (not available with EM/ITS option)
AC/CGS Accent cone with clear glass lens (acrylic or polycarbonate lens options also available).
AC/CPG Accent cone with clear prismatic tempered glass lens
AC/FF Accent cone with fresnel glass lens

OPTIONS (Continued)

MB/CGS Micro-baffle with clear glass lens (acrylic or polycarbonate lens options also available).
MB/CPG Micro-baffle with clear prismatic tempered glass lens
MB/FF Micro-baffle with fresnel glass lens
WW Wall wash (not available with AC or MB)
LD Luminous disk
LDO Luminous disk open
LR Luminous ring
PFS/_ Perforated shield (must specify with LD, LDO, or LR option)
SCA__° Sloped ceiling adapter (Specify degree of slope in 5° increments, 10°-30°. SCA increases fixture height, see [Technical Info](#) for details.)
RETRO Retrofit mounting pan assembly (see [Technical Info](#) for details; not available with EM option)

BALLAST TYPE

EB1 1-lamp electronic ballast
EBD1*_ 1-lamp electronic dimming ballast (must specify 120V or 277V only; must specify manufacturer, see [Technical Info](#) for dimming ballast options)

VOLTAGE

120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Self-flanged aluminum reflector prevents light leaks and is available in assorted colors.
- ▶ Finned, extruded aluminum heat sink socket housing dissipates heat for cooler operation.
- ▶ Adjustable hanger brackets with bar hangers standard.
- ▶ Easy-access, 14-gauge galvanized steel junction box with two snap-on covers.
- ▶ This fixture is proudly made in the USA.



PV75

7.5" ROUND DOWNLIGHT – VERTICAL LAMP

CFL

PHOTOMETRY INFORMATION

Catalog #: **PV75-132T-120-EB**

SPECIFICATIONS

Housing – 20-gauge, die-formed, galvanized steel pan/plaster frame.

Reflector – Low-iridescent aluminum. Clear semi-specular (CS) finish standard.

Electrical – Electronic ballast. Prewired at factory for easy field installation.

Mounting – Recessed.

Pan size: 12" x 16-1/4"

Ceiling cutout: ø8-1/8"

Pan size w/SCA: 17" x 23"

Cutout w/SCA: ø10-5/8"

Labels –

- UL/CUL listed for through-branch circuit wiring and dry or damp locations.
- UL/CUL listed for wet location under covered ceiling when specified with CGS, CPG, or FF option.
- City of Chicago Environmental Air approved when specified with CP option.

Warranty – 5-year limited warranty, see hew.com/warranty.

TEST REPORT INFORMATION

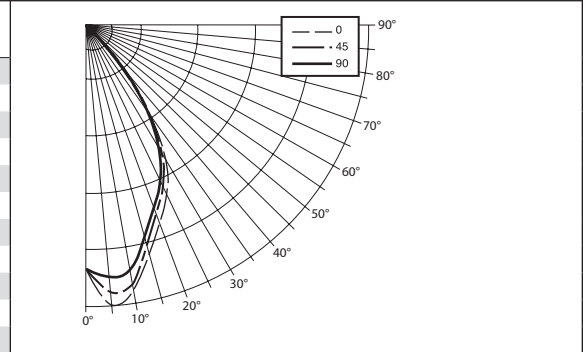
- ▶ Test Report #: 10397.0
- ▶ Date: 08/25/99
- ▶ Lamp Type: CFM32W/GX24q/35
- ▶ Lamp Quantity: 1
- ▶ Rated Lumens: 2400.
- ▶ Watts: 38

DESCRIPTION

- ▶ 1/32W PLT Compact Fluorescent Lamp
- ▶ 7.5" Diameter Recessed Luminaire
- ▶ Low-Irdescent Semi-Specular Reflector with Open Bottom

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1239.	1239.	1239.	
5°	1425.	1366.	1290.	128.1
15°	1212.	1174.	1122.	326.1
25°	951.	910.	878.	412.8
35°	535.	533.	508.	315.1
45°	110.	113.	113.	78.1
55°	6.	6.	6.	4.9
65°	1.	1.	1.	.7
75°	0.	0.	0.	.0
85°	0.	0.	0.	.0
90°	0.	0.	0.	.0



LAMP BASE DATA	
WATTAGE	BASE
18T	GX24q-2
26Q	G24q-3
26T	GX24q-3
32T	GX24q-3
42T	GX24q-4

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	867.	36.1	68.5
0 - 40	1182.	49.3	93.4
0 - 60	1265.	52.7	99.9
0 - 90	1266.	52.8	100.0
Total Luminaire:			
0 - 180	1266.	52.8	100.0
IES Spacing Criteria: End = 1.0			
Diagonal = 1.0			
Across = 1.0			

ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	.63	.63	.63	.63	.61	.61	.61	.59	.59	.59
1	.60	.59	.58	.58	.59	.58	.57	.56	.55	.54
2	.57	.55	.53	.53	.56	.54	.52	.52	.51	.49
3	.55	.51	.49	.49	.54	.51	.48	.49	.47	.46
4	.52	.48	.45	.45	.51	.47	.45	.46	.44	.42
5	.49	.45	.42	.42	.48	.44	.42	.44	.41	.39
6	.47	.42	.39	.39	.46	.42	.39	.41	.39	.37
7	.45	.40	.37	.37	.44	.39	.37	.39	.36	.34
8	.42	.37	.34	.34	.41	.37	.34	.36	.34	.32
9	.40	.35	.31	.31	.39	.34	.31	.34	.31	.29
10	.37	.32	.29	.29	.37	.32	.29	.31	.29	.27

Effective Floor Cavity Reflectance = .20

REFLECTOR FINISH MULTIPLIER		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SPC	Clear specular	1.02
CG	Champagne Gold	0.96
GD	Gold	0.93
PW	Pewter	0.86
SG	Satin-glow	0.83
STR	Straw	0.97
WH	White, textured	0.90
WT	Wheat	0.88
MB	Micro-baffle	0.60

QUANTITY ESTIMATOR

Room Size	±50 fc.	±75 fc.	±100 fc.
20' x 20' (400 sq. ft.)	16	25	36
30' x 30' (900 sq. ft.)	42	64	81
40' x 40' (1,600 sq. ft.)	72	110	144

Calculations based on standard reflectance of 80/50/20 and a light loss factor of 1.0 with a 10'-0" ceiling height.

