

7.5" ROUND DOWNLIGHT – HORIZONTAL LAMP

PH75

CFL

CATALOG #: _____ TYPE: _____

PROJECT: _____

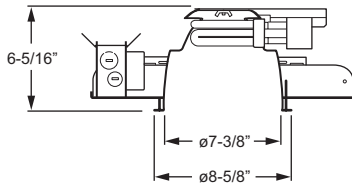
NOTES: _____

EXAMPLE **PH75 - 2 32T - CS - OPTIONS - EB2 - UNV**

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



CROSS SECTION



ORDERING INFORMATION

SERIES
PH75 7.5" Round Downlight–Horizontal Lamp

LAMP OPTIONS

# OF LAMPS	WATTAGE/TYPE
1 or 2	13Q, 18Q, 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
WW	Wall wash (not available with AC or MB)
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
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
EB2	2-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)
EBD2*_	2-lamp electronic dimming ballast (must specify 120V or 277V only; must specify manufacturer, see Technical Info for dimming ballast options)

VOLTAGE (Must specify)

120	120V
277	277V
UNV	120-277V

FEATURES

- ▶ Self-flanged aluminum reflector prevents light leaks and is available in assorted colors.
- ▶ Sturdy one-piece pan construction.
- ▶ 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.



PH75

7.5" ROUND DOWNLIGHT – HORIZONTAL LAMP

CFL

PHOTOMETRY INFORMATION

Catalog #: PH75-232T-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.

LAMP BASE DATA	
WATTAGE	BASE
13Q	G24q-1
18Q	G24q-2
26Q	G24q-3
26T	GX24q-3
32T	GX24q-3
42T	GX24q-4

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

TEST REPORT INFORMATION

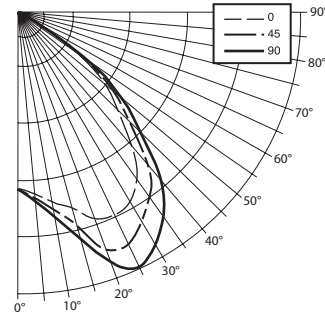
- ▶ Test Report #: 10414.1
- ▶ Date: 11/12/99
- ▶ Lamp Type: CFM32W/GX24q/35
- ▶ Lamp Quantity: 2
- ▶ Rated Lumens: 2400.

DESCRIPTION

- ▶ 2/32W PLT Compact Fluorescent
- ▶ 7.5" Diameter Horizontal Recessed Luminaire
- ▶ Low-Irdescent Semi-Specular Reflector with Open Bottom

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1057.	1057.	1057.	
5°	1091.	1108.	1126.	106.8
15°	1204.	1300.	1372.	370.1
25°	1336.	1526.	1674.	686.8
35°	1220.	1356.	1490.	833.8
45°	820.	933.	1014.	703.0
55°	396.	438.	470.	367.4
65°	13.	13.	13.	12.7
75°	4.	4.	4.	4.2
85°	0.	0.	0.	.0
90°	0.	0.	0.	



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1164.	24.2	37.7
0 - 40	1997.	41.6	64.8
0 - 60	3068.	63.9	99.5
0 - 90	3085.	64.3	100.0
Total Luminaire:			
0 - 180	3085.	64.3	100.0

IES Spacing Criteria: End = 1.6
Diagonal = 1.7
Across = 1.8

ZONAL CAVITY COEFFICIENTS

	Ceiling									
	.80	.70		.50		.30		.10		
Room Cavity Ratio	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
	0	.77	.77	.77	.75	.75	.75	.71	.71	.71
1	.72	.70	.68	.71	.69	.67	.66	.65	.63	
2	.68	.64	.61	.66	.63	.60	.61	.59	.57	
3	.63	.58	.55	.62	.58	.54	.56	.53	.50	
4	.59	.53	.49	.58	.52	.48	.51	.47	.45	
5	.55	.48	.44	.54	.48	.43	.46	.42	.40	
6	.51	.44	.39	.50	.43	.49	.42	.38	.35	
7	.47	.40	.35	.46	.39	.34	.38	.34	.31	
8	.43	.35	.31	.42	.35	.30	.34	.30	.27	
9	.40	.32	.27	.39	.31	.27	.31	.26	.23	
10	.37	.29	.24	.36	.28	.24	.28	.24	.21	

Effective Floor Cavity Reflectance = .20

QUANTITY ESTIMATOR

Room Size	±50 fc.	±75 fc.	±100 fc.
20' x 20' (400 sq. ft.)	6	9	16
30' x 30' (900 sq. ft.)	16	20	30
40' x 40' (1,600 sq. ft.)	25	42	56

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

