

7.5" ROUND LENS DOWNLIGHT – HORIZONTAL LAMP

PHRL75

CFL

CATALOG #: _____ TYPE: _____

PROJECT: _____ NOTES: _____

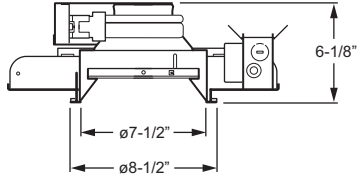
EXAMPLE **PHRL75 - 2 26Q - OPTIONS - EB2 - UNV**

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SERIES NUMBER OF LAMPS WATTAGE/TYPE OPTIONS BALLAST TYPE VOLTAGE



CROSS SECTION



ORDERING INFORMATION

SERIES
PHRL75 7.5" Round Lens Downlight–Horizontal Lamp

LAMP OPTIONS

# OF LAMPS	WATTAGE/TYPE
1	13Q, 18Q, 26Q, 26T, 32T, or 42T
2	13Q, 18Q, or 26Q

OPTIONS
 For EM ballast options, see [Technical Info](#).
FF Fresnel glass lens
DO Drop opal lens
BKSB Black stepped baffle with white trim
F Fuse (must specify voltage)
TP Tamper-resistant fixture (requires a tamper-resistant tool; must be ordered separately, see [Accessories](#))
CP Chicago Plenum (CCEA)
RETRO Retrofit mounting pan assembly (see [Technical Info](#) for details; not available with EM option)

ACCESSORIES
TPSN-10 #10 snake eye tamper-resistant tool. Required for fixtures ordered with TP option. Ordered separately, specify quantity required per project.

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
120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Adjustable to accommodate ceilings up to 1-3/4" thick.
- ▶ Sturdy one-piece pan construction.
- ▶ Textured white aluminum splay trim with neoprene gasketing.
- ▶ Gasketed door reduces light leaks due to irregular ceiling surfaces.
- ▶ 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.

PHRL75

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PHOTOMETRY INFORMATION

Catalog #: **PHRL75-226Q-120-EB**

SPECIFICATIONS

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

Reflector – Highly reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.

Shielding – Regressed clear prismatic tempered glass 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"

Labels –

- UL/CUL listed for through-branch circuit wiring and wet location under covered ceiling.
- 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

TEST REPORT INFORMATION

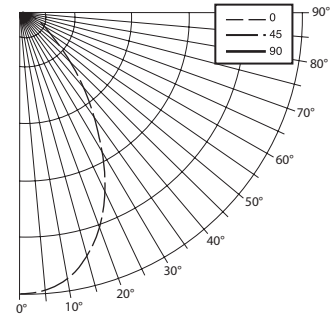
- Test Report #: 10627.0
- Date: 03/29/00
- Lamp Type: CFQ26W/G24d/35
- Lamp Quantity: 2
- Rated Lumens: 1800.

DESCRIPTION

- 2/26W Quad Compact Fluorescent Horizontal
- 7.5" Diameter Recessed Luminaire
- Bright Dip Reflector with White Veltex Cone and C73 Lens, Prism Down
- Advance Ballast #H-2Q26-TP-BLS

CANDLEPOWER DISTRIBUTION

Vertical Angle	Average Candela	Zonal Lumens
0°	754.	
5°	747.	71.3
15°	678.	192.2
25°	527.	244.0
35°	328.	205.9
45°	169.	131.2
55°	77.	69.2
65°	40.	40.0
75°	11.	11.6
85°	0.	.0
90°	0.	



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	507.	14.1	52.6
0 - 40	713.	19.8	73.9
0 - 60	914.	25.4	94.7
0 - 90	965.	26.8	100.0
Total Luminaire:			
0 - 180	965.	26.8	100.0
IES Spacing Criteria: Diagonal = 1.0 Across = .7			

ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.32	.32	.32	.31	.31	.31	.30	.30	.30
	1	.30	.29	.29	.30	.29	.28	.28	.27	.27
	2	.28	.27	.26	.28	.27	.25	.26	.25	.24
	3	.27	.25	.23	.26	.24	.23	.24	.23	.22
	4	.25	.23	.21	.25	.22	.21	.22	.21	.19
	5	.24	.21	.19	.23	.21	.19	.20	.19	.18
	6	.22	.19	.18	.22	.19	.17	.19	.17	.16
	7	.21	.18	.16	.20	.18	.16	.17	.16	.15
	8	.19	.16	.15	.19	.16	.15	.16	.14	.13
	9	.18	.15	.13	.18	.15	.13	.15	.13	.12
	10	.17	.14	.12	.17	.14	.12	.14	.12	.11

Effective Floor Cavity Reflectance = .20

QUANTITY ESTIMATOR

Room Size	±50 fc.	±75 fc.	±100 fc.
20' x 20' (400 sq. ft.)	25	36	49
30' x 30' (900 sq. ft.)	49	72	100
40' x 40' (1,600 sq. ft.)	81	121	169

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

