

DESCRIPTION

Recessed open wall wash luminaire with 5 inch aperture utilizing vertical 26/32WTTT compact fluorescent lamp. Platform is suitable for commercial construction. Insulation must be kept 3" from top and sides of housing. Platform + optical element combination produces smooth medium beam distribution with excellent light control and low aperture brightness.

SPECIFICATION FEATURES

Frame

Galvanized steel plaster frame with integral bar hanger receivers. Setscrews provide positive horizontal locking. Integral gun sights facilitate the use of guide strings or laser lines. Shipped with overspray protector installed.

Housing

Steel housing painted matte black for a visually dark interior.

Bar Hangers

Bar hangers adjust from 8-1/2" to 24" wide; pass thru feature allows shortening without removal. Captive nail penetrates standard and engineered lumber. Mounting flange levels platform with ceiling. Integral clip attached directly to tee-bar.

Gaskets

Closed cell gaskets achieve restrictive airflow requirements without additional caulking.

Reflector

Spun 0.04" thick aluminum parabolic contour provides smooth medium beam distribution with excellent light

control and low aperture brightness and is available in a wide range of specular and semi-specular Alzak® finishes. Integral vacuum metalized specular clear kicker reflector with protective hard coat available in single, double, corner and half wall wash distributions.

Flange

Reflector is available self flanged, flange finish follows reflector finish, self flanged also available with painted white flange. Reflector also available with die cast flange in painted white or raw aluminum with protective clear coat. The die cast flange can be removed for field painting and is keyed to maintain proper orientation.

Flush Mount Option

Reflector with die cast flange can be installed flush to finished ceiling surface using option flush mount collar accessory.

Trim Retention

Retained with two torsion springs holding the flange tightly to the finished ceiling surface and

Catalog #		Type
Project		
Comments		Date
Prepared By		

accommodates ceiling thickness with 1/2 -1" thick. Uses PLE5 to adapt to ceilings up to 2" thick.

Junction Box

Rated for (4) #12 or (6) #14 AWG thru branch, (5) 1/2" trade size pry outs positioned to allow straight conduit runs.

Ballast

Thermally protected universal input 120-277V electronic ballast provides program start for full light output and rated lamp life. Multi wattage output for 26 or 32W triple twin tube lamps. Available with 1% and 5% dimming options, see ordering information for details.

Compliance

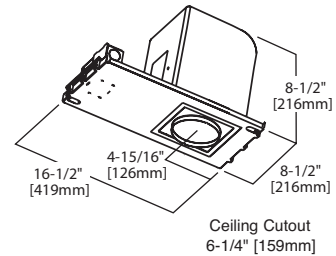
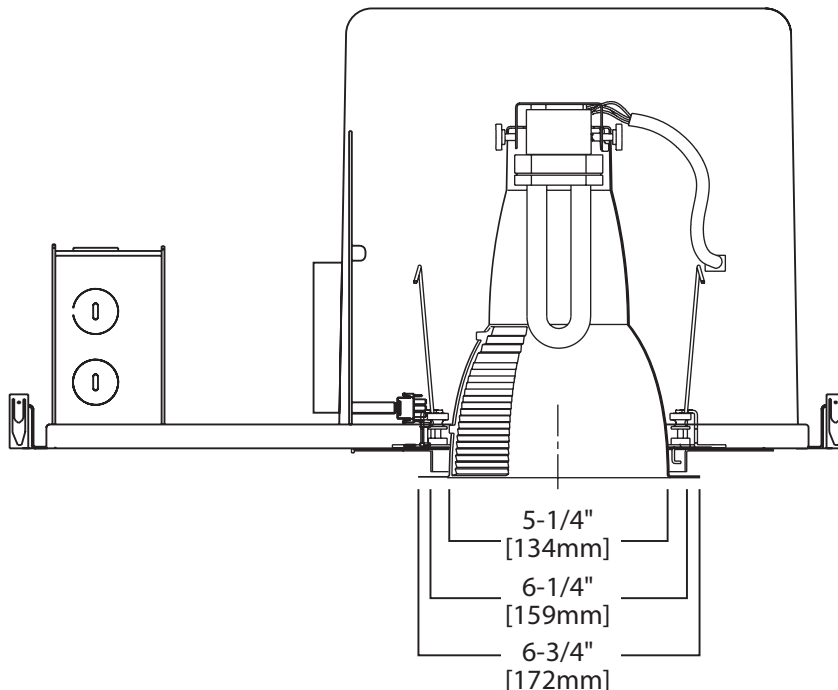
Thermally protected, cULus listed for damp locations and ASTM-E283 AIRTITE™. EMI/RFI emissions per FCC 47CFR Part 18 non consumer limits.



**PN532
E5TWW**

**26/32W
Compact
Fluorescent
Wall Wash**

5" Aperture



ENERGY DATA

26W		
Input Voltage	120V	277V
Input Current	0.24	0.11
Input Power	29	29
32W		
Input Voltage	120V	277V
Input Current	0.31	0.13
Input Power	36	36
THD: ≤ 10%		
PF: ≥ 98		
T Ambient -30° C - +40° C		
Sound Rating A		

ORDERING INFORMATION: Complete unit consists of platform, lamp module and optical element.

Example: PN5 + 32 + E5TWW

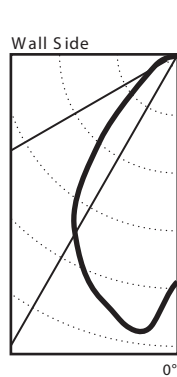
Platform	Lamp Type / Wattage	Ballast	Optical Element	Finishes	Options	Housing Accessories
PN5						
PN5 = 5" Aperture Non-IC, AT CFL housing	26 = 26WTTT CFL derated label 32 = 26/32WTTT CFL	E = UNV 120-277V electronic, 50/60Hz 3E = 347V electronic, 50/60Hz ED26/32ES = 120-277V, 50/60Hz 26/32W electronic 5% 3-wire & EcoSystems 1D26HL = 120V, 60Hz 26W electronic 1% 3-wire dimming 1D32HL = 120V, 60Hz 32W electronic 1% 3-wire dimming 2D26HL = 277V, 60Hz 26W electronic 1% 3-wire dimming 2D32HL = 277V, 60Hz 32W electronic 1% 3-wire dimming	E5TWW = 5" aperture open wall wash reflector E5TDWW = 5" aperture open double wall wash reflector E5TCWW = 5" aperture open corner wall wash reflector E5THWW = 5" aperture open half wall wash reflector	Alzak® Finishes C = Specular Clear H = Semi-Specular Clear G = Gold WMH = Warm Haze WH = Wheat WHH = Wheat Haze GP = Graphite GPH = Graphite Haze K = Cognac KH = Cognac Haze CC = Chocolate CCH = Chocolate Haze B = Black Painted Finishes MW = Matte white W = Gloss white	[Blank] = Metal trim ring, matte white RAW = Metal trim ring, natural aluminum, clear protective coat SF = Self Flanged SFWF = Self flanged, matte white flange	PLE5 = Plaster lip extension, for ceilings up to 2" thick FMC5 = Flush mount collar for 5-inch aperture

PHOTOMETRICS

PN532 E5TWW

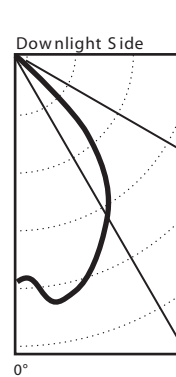
PN532-E5TWWC

Test No. H36086
 Lamp: 32W PLT
 Lumens: 2400
 Cutoff: 50°
 Efficiency: 33.4%
 Unit LPW: 22.3



Candelas

CD Wall	Vertical Angle	CD Downlight
0	90	0
8	85	0
28	75	0
49	65	0
80	55	0
176	45	105
326	35	336
440	25	490
523	15	581
528	5	604
510	0	510



Luminance

Degree	cd/m ² @ 180°
85°	0
75°	0
65°	0
55°	0
45°	10649

Single Fixture
2' Distance from Wall

DD	1'	2'	3'	4'
1	10	6	3	1
2	16	9	3	1
3	15	11	5	1
4	10	9	6	3
5	6	6	4	3
6	4	4	3	2
7	3	3	2	2
8	2	2	2	1
9	1	1	1	1
10	1	1	1	1

1'6" Distance from Wall

DD	18" O.C.	24" O.C.
1	30	29
2	44	44
3	38	40
4	26	28
5	17	18
6	11	12
7	8	8
8	6	6
9	4	4
10	3	3

2'0" Distance from Wall

DD	24" O.C.	32" O.C.
1	15	15
2	22	21
3	25	25
4	21	23
5	16	17
6	12	12
7	9	9
8	6	7
9	5	5
10	4	4

2'6" Distance from Wall

DD	24" O.C.	32" O.C.
1	10	11
2	14	14
3	19	19
4	19	20
5	16	17
6	13	14
7	10	10
8	7	8
9	6	6
10	4	5

Notes and Formulas:

- Illuminance values for multiple fixtures are based upon the center two units of a four unit array. Footcandle values are centerline of fixtures and centered between fixtures.
- Illuminance values are cosine corrected initial values with no contribution from inter reflections from other room surfaces. Total illumination may increase from contributions from other surfaces.
- DD=Distance Down from Ceiling.
- Changing fixture spacing will affect illuminance level.

$$\text{New Fc} = \frac{\text{Existing Spacing}}{\text{New Spacing}} \times \text{Average Table Fc Level}$$

- When selecting colored cones option, only downlight cone is colored; the wall wash reflector is specular clear. This allows the color (CRI, °K) of the light source to be unaffected and maximizes lumen output.

For optimal wall washing, space fixtures no more than 1.5 times the distance from the wall.

