



Gotham Architectural Downlighting
Compact Fluorescent Surface Downlights

8" PDPF
Elevations®

Performance Downlight Candéo® Pendant
Horizontal Triple-Tube Lamp

FEATURES

DECORATIVE HOUSING

- Durable, heavy-gauge aluminum housing. Textured polyester powder paint finish available in matte black, satin silver or white.
- Housing available in short and tall configurations to allow for a variety of ceiling height applications.

DECORATIVE ELEMENT

- Four configurations allow customization suitable in any space.
- No Ring (NR): Clean, simple form - no decorative element.
- Soft Ring (S): Subtle, formed black aluminum band.
- Stacked Rings (C): Four black acrylic rings.
- Gear (G): Precision-formed black aluminum.

OPTICAL SYSTEM - CANDÉO®

- Self-flanged highly reflective/diffuse white painted cone. Outside of inner reflector is white with semi-specular or matte-diffuse inner surface finish.
- Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050). Reflector flange visually integrates with housing.
- Inner reflector is field adjustable to three settings that place the reflector flush or 1/2" or 1" below the housing.
- Acrylic diffuser retains inner reflector.

- Clear (DW - Snow) Diffuser provides direct/indirect luminaire performance. Blue (DB - Sky), green (DG - Sea), tan (DT - Sand), or red (DR - Ruby) diffusers add visual interest.
- Hinged lampdoor seals upper trim for optimal fixture efficiency.

MOUNTING OPTIONS

- RC120 - 120" black cord is provided for electrical connection between luminaire and canopy. Canopy mounts directly to 4" square or octagonal junction box.
- SM - Luminaire is mounted directly to the surface-mounted canopy. Canopy mounts directly to 4" square or octagonal junction box.

ELECTRICAL SYSTEM

- Horizontally mounted, four-pin, positive latch thermoplastic socket(s).
- Class P, thermally protected, high-power-factor electronic ballast.

LISTING

- Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: PDPF 2/32TRT 8DW MVOLT TSS RC120

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast
PDPF	1/18TRT	8DW	Snow	(blank)	No lens	MVOLT ¹
	1/26TRT	8DG	Sea	(blank)	1/8" clear glass lens	120
	1/32TRT	8DB	Sky	LD	3/16" tempered prismatic lens	277
	2/18TRT	8DT	Sand			
	2/26TRT	8DR	Ruby	PCL	Clear polycarbonate lens	347
	2/32TRT			PPC	Prismatic polycarbonate lens	
						ECOS ^{2,3} EcoSystem electronic dimming ballast. Minimum dimming level 5%.
						ADEZ ³ Advance Mark 10 [®] electronic dimming ballast. Minimum dimming level 5%.
						ADZT ^{2,3} Advance Mark 7 [®] electronic dimming ballast. Minimum dimming level 3%.

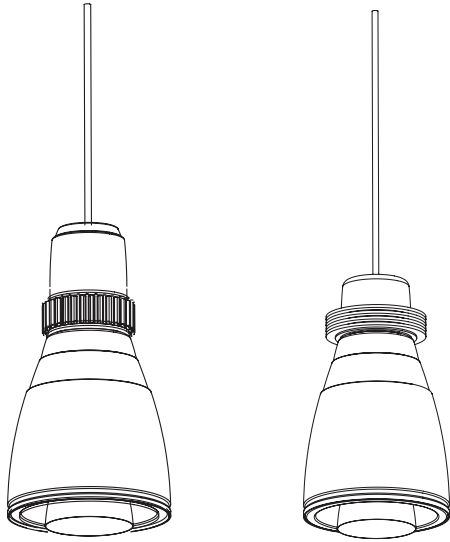
Housing	Color	Decorative element	Mounting method	Options
S Short	B Matte black	NR No ring	RC120 ⁵ Reinforced cord mount	WLP With 35K lamp (shipped separately)
T Tall	S Satin silver	S Soft ring	SM Surface mount	GMF ³ Single slow-blow fuse
	W ⁴ White	C Stacked rings		GLR ³ Single fast-blow fuse
		G Gear		EL ^{3,6,7,8} Emergency battery pack, integral test switch
				ELR ^{3,7,8,9} Emergency battery pack, remote test switch
				GRS Recessed mounting frame

ACCESSORIES order as separate catalog numbers (shipped separately)

nSP5 D Sensor Switch® nLight® 0-10V dimming relay. Requires additional nLight bus power supply. Only available with ADZT.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 7-7/8 (20.1) Height: 14-7/8 (37.7) Short
 Overall Diameter: 9-3/8 (23.5) Height: 17-5/8 (44.8) Tall

ELECTRICAL

ENERGY (Calculated in accordance with NEMA standard LE-5A)

LER.DOH	Annual* Energy Cost	Lamps	Lamp Lumens	Ballast Factor	Input Watts
24	\$9.85	(2) 32W TRT	4800	0.96	69

*Comparative yearly lighting energy cost per 1000 lumens

NOTES

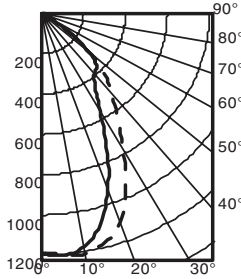
ORDERING NOTES

- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
- Not available with RC120 option.
- Available in 120V or 277V only.
- Provided with white cord with RC120.
- Not available with dimming when specified with emergency options.
- SM mounting only when specified with dimming. Requires use of 14" tall extended canopy.
- Not available RC120 and 2-lamp in combination.
- Only available with GRS option.
- SM mounting only when specified with dimming.

Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance: Single Luminaire 30" Above Floor

PDPF 2/32TRT 8DW

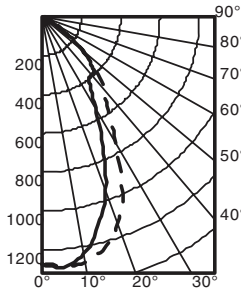
(2) CF32DT/E/IN/835 LAMP, 2400 RATED LUMENS, POS #1 (FLUSH), TEST NO. LTL13550



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of Utilization						Illuminance								
							80%		20%		50%		50% beam angle		10% beam angle						
							50%	30%	50%	30%	50%	30%	54.7°	93.6°	54.7°	93.6°					
0	1191		0° - 30°	864.9	18.0	pc															
5	1196	114	0° - 40°	1246.7	26.0	pw	.40	.39	.39	.38	.37	.37	Mount at beam height	Initial fc center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge	Beam diameter		
15	1164	326	0° - 60°	1693.5	35.3	1	.36	.34	.36	.34	.34	.33	8	39.4	5.7	19.7	11.7	3.9			
25	935	425	0° - 90°	1753.2	36.5	2	.33	.31	.32	.30	.31	.30	10	21.2	7.8	10.6	16.0	2.1			
35	604	382	90° - 180°	0.0	0.0	3	.30	.28	.30	.27	.29	.27	12	13.2	9.8	6.6	20.2	1.3			
45	415	313	0° - 180°	1753.2	*36.5	4	.28	.25	.27	.25	.27	.24	14	9.0	11.9	4.5	24.5	0.9			
55	137	134					5	.25	.23	.25	.23	.25	.22	16	6.5	14.0	3.3	28.8	0.7		
65	37	38					6	.22	.21	.23	.21	.23	.21								
75	16	18					7	.22	.19	.22	.19	.21	.19								
85	4	4					8	.20	.18	.20	.18	.20	.18								
90	0	0					9	.20	.18	.20	.18	.20	.18								
							10	.19	.17	.19	.16	.18	.16								

PDPF 2/32TRT 8DW

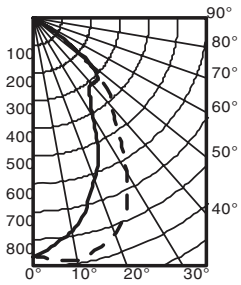
(2) CF32DT/E/IN/835 LAMP, 2400 RATED LUMENS, POS #3 (DROP), TEST NO. LTL13551



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of Utilization						Illuminance								
							80%		20%		50%		50% beam angle		10% beam angle						
							50%	30%	50%	30%	50%	30%	52.3°	90.8°	52.3°	90.8°					
0	1276		0° - 30°	883.6	18.4	pc															
5	1288	122	0° - 40°	1245.4	25.9	pw	.40	.38	.39	.38	.37	.36	Mount at beam height	Initial fc center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge	Beam diameter		
15	1216	339	0° - 60°	1663.0	34.6	1	.36	.34	.35	.34	.34	.33	8	42.2	5.4	21.1	11.2	4.2			
25	930	422	0° - 90°	1749.7	36.5	2	.33	.31	.32	.30	.31	.30	10	22.7	7.4	11.3	15.2	2.3			
35	569	362	90° - 180°	0.0	0.0	3	.30	.28	.30	.27	.29	.27	12	14.1	9.3	7.1	19.3	1.4			
45	378	288	0° - 180°	1749.7	*36.5	4	.28	.25	.27	.25	.27	.24	14	9.6	11.3	4.8	23.3	1.0			
55	133	129					5	.25	.23	.25	.23	.25	.22	16	7.0	13.3	3.5	27.4	0.7		
65	48	48					6	.24	.21	.23	.21	.23	.21								
75	25	27					7	.22	.19	.22	.19	.21	.19								
85	10	12					8	.20	.18	.20	.18	.20	.18								
90	5	5					9	.20	.18	.20	.18	.20	.18								
							10	.19	.17	.19	.17	.19	.16								

PDPF 2/32TRT 8DB

(2) CF32DT/E/IN/835 LAMP, 2400 RATED LUMENS, POS #1 (FLUSH), TEST NO. LTL13552



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of Utilization						Illuminance								
							80%		20%		50%		50% beam angle		10% beam angle						
							50%	30%	50%	30%	50%	30%	56.9°	95.5°	56.9°	95.5°					
0	862		0° - 30°	644.9	13.4	pc															
5	868	83	0° - 40°	946.8	19.7	pw	.30	.29	.29	.29	.28	.28	Mount at beam height	Initial fc center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge	Beam diameter		
15	845	237	0° - 60°	1295.7	27.0	1	.27	.26	.27	.26	.26	.25	8	28.5	6.0	14.2	12.1	2.9			
25	718	325	0° - 90°	1312.9	27.4	2	.25	.23	.24	.23	.24	.22	10	15.3	8.1	7.7	16.5	1.5			
35	477	302	90° - 180°	0.0	0.0	3	.23	.21	.22	.21	.22	.20	12	9.6	10.3	4.8	20.9	1.0			
45	340	254	0° - 180°	1312.9	*27.4	4	.23	.21	.22	.21	.22	.20	14	6.5	12.5	3.3	25.3	0.7			
55	94	95					5	.21	.19	.21	.19	.20	.19	16	4.7	14.6	2.4	29.7	0.5		
65	12	12					6	.19	.17	.19	.17	.19	.17								
75	4	4					7	.18	.16	.18	.16	.17	.16								
85	0	1					8	.16	.15	.16	.14	.16	.14								
90	0	0					9	.15	.13	.15	.13	.15	.13								
							10	.14	.12	.14	.12	.14	.12								

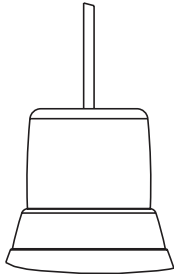
To calculate colored lens efficiencies, multiply the standard white efficiency by these factors:

- Sky (BLU) .709
- Sea (GRN) .720
- Sand (TAN) .864
- Red (DR)

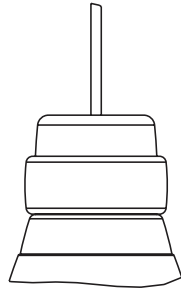
PHOTOMETRY NOTES

- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.

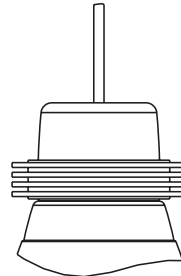
Decorative Elements



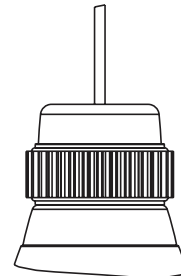
NR - No Ring



S - Soft Ring



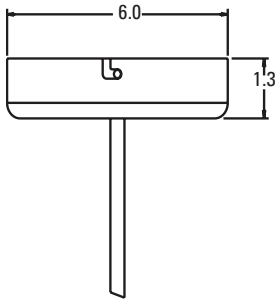
C - Stacked Rings



G - Gear

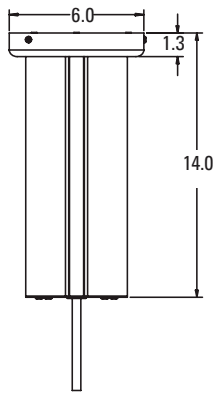
Canopy Configurations

PDPF Horizontal, Candéo®, Ice™
Mounting canopy attaches directly to J-Box
RC120



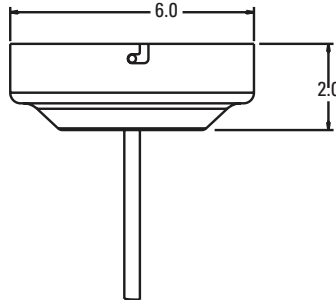
Cord (120" provided)

PDPF EL^{1,3}
Mounting canopy/extrusion attaches directly to J-Box
RC120



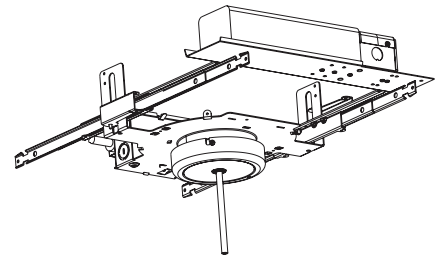
Cord (120" provided)

PDPF - Vertical
Mounting canopy attaches directly to J-Box
RC120

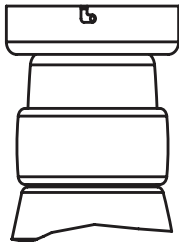


Cord (120" provided)

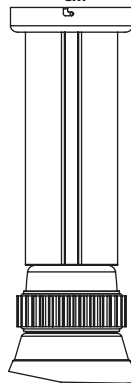
GRS²
Recessed mounting frame option
RC120



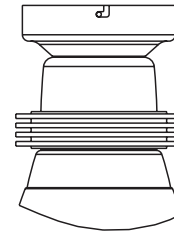
PDPF Horizontal, Candéo®, Ice™
Mounting canopy attaches directly to J-Box
SM



PDPF EL³
Mounting canopy/extrusion attaches directly to J-Box
SM



PDPF - Vertical
Mounting canopy attaches directly to J-Box
SM



NOTES

1. Only available with PDPF 1-lamp vertical luminaire.
2. Access above ceiling required.
3. Extrusion will always be perpendicular to ceiling.