

Flush

Gotham Architectural Downlighting
Decorative Compact Fluorescent Downlights

6" PDXF
Ice™ Color

Horizontal Lamp,
Triple-Tube

FEATURES

OPTICAL SYSTEM

- Reflector - Self-flanged, matte-diffuse reflector. Fluted vertical upper section works in conjunction with patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) to provide lamp before lamp image and smooth transition from top of reflector to bottom.
- Cross Baffle - Red, blue, amber or white acrylic cross baffle, jacketed with aluminum (U.S. Patent No. 6,273,592 B1), provides a vibrant edge-glow color appearance. Available in flush or round (convex) baffle styles.
- Hinged lampdoor seals upper trim for optimal fixture efficiency and the reduction of stray light in the plenum.

MECHANICAL

- 16-gauge galvanized steel mounting/plaster frame with integral yoke to retain optical system. Maximum 1-1/2" ceiling thickness.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed. Post installation adjustment possible without the use of tools from above or below ceiling.

- Galvanized steel junction box with bottom-hinged access covers and spring latch. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90° C.

ELECTRICAL SYSTEM

- Horizontally-mounted, positive-latch, thermoplastic socket.
- Class P, thermally protected, high power factor electronic ballast mounted to the junction box.

LISTING

- Fixtures are UL listed for thru-branch wiring, non-IC recessed mounting and 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: PDXF 1/32TRT 6AR RLRF MVOLT

Series	Lamp/Wattage	Aperture/Trim color	Baffle type	Voltage	Ballast ²
PDXF	1/18TRT	6AR Clear	RLRF Red flush	MVOLT ¹	(blank) GEB10 standard, electronic ballast ECOS Lutron EcoSystem® electronic dimming ballast. Minimum dimming level 5%. ADEZ ^{3,4} Advance Mark 10® electronic dimming ballast ADZT ³ Advance Mark 7® electronic 0-10 VDC dimming ballast
	1/26TRT		RLRR Red round	120	
	1/32TRT		BLRF Blue flush	277	
	1/42TRT		BLRR Blue round	347	
			ALRF Amber flush		
			ALRR Amber round		
			WLRF White flush		
			WLRR White round		

Options

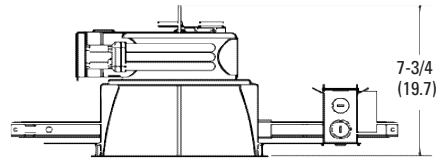
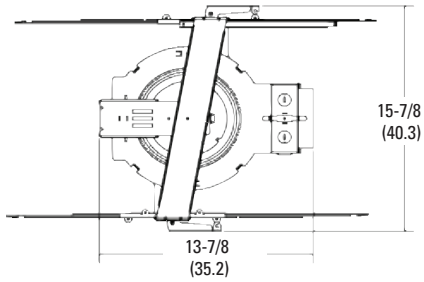
TRW	White painted flange	RIF	Radio interference filter
TRBL	Black painted flange	ELR⁵	Emergency battery pack. Remote test switch provided.
WLP	With 35 K lamp (shipped separately)	QDS	Quick disconnect for easy ballast replacement.
RRL⁵	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.	GSKT	Gasketing; ships uninstalled.
GMF⁴	Single, slow-blow fuse	CSA	Listed and labeled to comply with Canadian Standards.
GLR⁴	Single, fast-blow fuse	CP	Chicago plenum (consult factory)
		CAL	Clear acrylic lens. For use where enclosed fixture is required.
		NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.

ACCESSORIES order as separate catalog numbers (shipped separately)

SCA6 Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Round

Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

NOTES

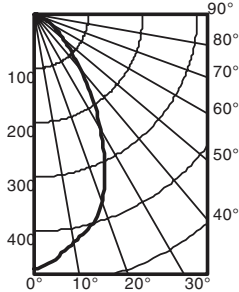
ORDERING NOTES

1. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 HZ.
2. For additional ballast types, refer to [TECH-250](#).
3. Not available with 347V.
4. Not available with MVOLT.
5. For compatible RELOC systems, refer to [TECH-110](#).
6. For dimensional changes, refer to [TECH-140](#). Not available with QDS or CP options.

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

PDXF 1/32TRT 6AR WLRF

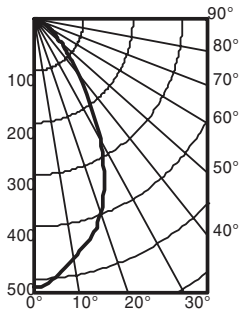
(1) CF32DT/E/IN/835, 2400 lumens per lamp, Test no. LTL14263X



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle		10% beam angle					
							80%		70%		49.3°		84.5°					
0°			0° - 30°			pc	50%	30%	50%	30%	50%	30%	Mount height	Initial fc at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
0	469		0° - 30°	295.1	12.3								8	15.5	5.0	7.7	10.0	1.5
5	452	42	0° - 40°	411.4	17.1	1	.26	.25	.25	.25	.24	.24	10	8.3	6.9	4.2	13.6	0.8
15	404	113	0° - 60°	533.0	22.2	2	.23	.22	.23	.22	.22	.21	12	5.2	8.7	2.6	17.3	0.5
25	308	140	0° - 90°	570.0	23.8	3	.21	.20	.21	.20	.20	.19	14	3.5	10.6	1.8	20.9	0.4
35	186	116	90° - 180°	0.0	0.0	4	.20	.18	.19	.18	.19	.17	16	2.6	12.4	1.3	24.5	0.3
45	97	76	0° - 180°	570.0	*23.8	5	.18	.16	.18	.16	.17	.16						
55	50	46	*Efficiency			6	.17	.15	.16	.15	.16	.15						
65	24	24				7	.15	.14	.15	.14	.15	.13						
75	10	10				8	.14	.13	.14	.13	.14	.12						
85	2	2				9	.13	.12	.13	.12	.13	.12						
90	0					10	.13	.11	.12	.11	.12	.11						

PDXF 1/32TRT 6AR WLRR

(1) CF32DT/E/IN/835, 2400 lumens per lamp, Test no. LTL14264X



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle		10% beam angle					
							80%		70%		49.0°		83.7°					
0°			0° - 30°			pc	50%	30%	50%	30%	50%	30%	Mount height	Initial fc at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
0	516		0° - 30°	321.4	13.4								8	17.1	5.0	8.5	9.9	1.7
5	499	46	0° - 40°	446.4	18.6	1	.27	.27	.27	.26	.26	.25	10	9.2	6.8	4.6	13.4	0.9
15	437	122	0° - 60°	569.8	23.7	2	.25	.24	.24	.23	.24	.23	12	5.7	8.7	2.9	17.0	0.6
25	336	153	0° - 90°	605.9	25.2	3	.23	.21	.22	.21	.22	.21	14	3.9	10.5	2.0	20.6	0.4
35	200	125	90° - 180°	0.0	0.0	4	.21	.19	.21	.19	.20	.19	16	2.8	12.3	1.4	24.2	0.3
45	100	78	0° - 180°	605.9	*25.2	5	.19	.17	.19	.17	.19	.17						
55	49	45	*Efficiency			6	.18	.16	.18	.16	.17	.16						
65	23	23				7	.17	.15	.16	.15	.16	.14						
75	9	10				8	.15	.14	.15	.14	.15	.13						
85	3	3				9	.14	.13	.14	.13	.14	.12						
90	0					10	.13	.12	.13	.12	.13	.12						

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.