



Gotham Architectural Downlighting
Renovation Decorative Compact Fluorescent Downlights

6" PDXFI
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 provided for optimal fixture efficiency and the reduction of stray light in the plenum.

MECHANICAL

- Pre-wired galvanized steel junction box mounted to reflector provided with removable access cover. No. 12 AWG conductors rated for 90°C.
- Three (3) swinggate brackets allow for installation from below the ceiling. Suitable for ceiling thickness ranging from 5/8" (1.59cm) to 1" (2.54cm).

ELECTRICAL SYSTEM

- Horizontally-mounted, positive-latch, thermoplastic socket.
- Thermally protected, high power factor electronic ballast (50/60Hz) mounted to the junction box.

LISTING

- Fixtures are UL Listed, non-IC recessed mounting and damp locations.

WARRANTY

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

ORDERING INFORMATION

EXAMPLE: PDXFI 1/32TRT 6AR RLRF MVOLT

| Series | Lamp/Wattage | Aperture/Trim color | Baffle type | Voltage | Ballast | Options | | | | | | |
|--------------|----------------|---------------------|-------------------------|--|-----------------------------------|---------------------------------|---|--|---|---|---|---|
| PDXFI | 1/18TRT | 6AR Clear | RLRF Red flush | MVOLT¹ 120 277 | (blank) Electronic ballast | TRW White painted flange | | | | | | |
| | 1/26TRT | | RLRR Red round | | | | ADEZ² Advance Mark 10 [®] electronic dimming ballast. Minimum dimming level 5% | WLP With 3500 K lamp (shipped separately) | | | | |
| | 1/32TRT | | BLRF Blue flush | | | | | | ECOS Lutron EcoSystem [®] electronic dimming ballast. Minimum dimming level 5%. | GMF² Single, slow-blow fuse | | |
| | 1/42TRT | | BLRR Blue round | | | | | | | | GLR² Single, fast-blow fuse | |
| | | | ALRF Amber flush | | | | | | | | | GSKT Foam gasketing, ships uninstalled |
| | | | ALRR Amber round | | | | | | | | | |
| | | | WLRF White flush | | | | | | | | | |
| | | | WLRR White round | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

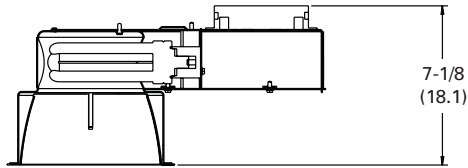
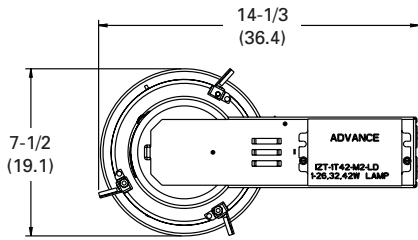
NOTES

ORDERING NOTES

1. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
2. Available in 120V or 277V only.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

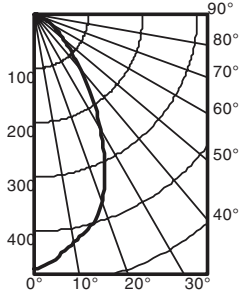


- Aperture: 6-1/4 (15.9)
- Ceiling Opening: 6-7/8 (17.5)
- Overlap Trim: 7-1/2 (19.1)

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

PDXFI 1/32TRT 6AR WLRF

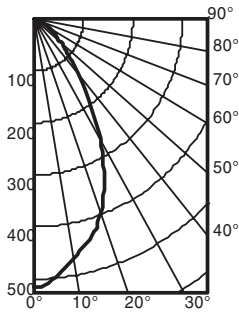
(1) CF32DT/E/IN/835, 2400 lumens per lamp, Test no. LTL14263X



| From 0° | Ave | Lumens | Zone | Lumens | % Lamp | pf | 20% | | | | 50% beam angle | | 10% beam angle | | |
|---------|-----|--------|-------------|--------|--------|----|-----|-----|-----|-----|----------------|-----|----------------|--------|----------|
| | | | | | | | 80% | 30% | 70% | 30% | 50% | 30% | 49.3° | 84.5° | |
| 0 | 469 | 42 | 0° - 30° | 295.1 | 12.3 | pc | 50% | 30% | 50% | 30% | 50% | 30% | Initial fc | fc at | fc at |
| 5 | 452 | 42 | 0° - 40° | 411.4 | 17.1 | pw | .26 | .25 | .25 | .25 | .24 | .24 | Mount at beam | Beam | Beam |
| 15 | 404 | 113 | 0° - 60° | 533.0 | 22.2 | | .23 | .22 | .23 | .22 | .22 | .21 | height | center | diameter |
| 25 | 308 | 140 | 0° - 90° | 570.0 | 23.8 | | .21 | .20 | .21 | .20 | .20 | .19 | 8 | 15.5 | 5.0 |
| 35 | 186 | 116 | 90° - 180° | 0.0 | 0.0 | | .20 | .18 | .19 | .18 | .19 | .17 | 10 | 8.3 | 6.9 |
| 45 | 97 | 76 | 0° - 180° | 570.0 | *23.8 | | .18 | .16 | .18 | .16 | .17 | .16 | 12 | 5.2 | 8.7 |
| 55 | 50 | 46 | *Efficiency | | | | .17 | .15 | .16 | .15 | .16 | .15 | 14 | 3.5 | 10.6 |
| 65 | 24 | 24 | | | | | .15 | .14 | .15 | .14 | .15 | .13 | 16 | 2.6 | 12.4 |
| 75 | 10 | 10 | | | | | .14 | .13 | .14 | .13 | .14 | .12 | | | |
| 85 | 2 | 2 | | | | | .13 | .12 | .13 | .12 | .13 | .12 | | | |
| 90 | 0 | 0 | | | | | .13 | .11 | .12 | .11 | .12 | .11 | | | |

PDXFI 1/32TRT 6AR WLRF

(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% | 30% | 70% | 30% | 50% | 30% | 49.0° | 83.7° | |
| 0 | 516 | 46 | 0° - 30° | 321.4 | 13.4 | pc | 50% | 30% | 50% | 30% | 50% | 30% | Initial fc | fc at | fc at |
| 5 | 499 | 46 | 0° - 40° | 446.4 | 18.6 | pw | .27 | .27 | .27 | .26 | .26 | .25 | Mount at beam | Beam | Beam |
| 15 | 437 | 122 | 0° - 60° | 569.8 | 23.7 | | .25 | .24 | .24 | .23 | .24 | .23 | height | center | diameter |
| 25 | 336 | 153 | 0° - 90° | 605.9 | 25.2 | | .23 | .21 | .22 | .21 | .22 | .21 | 8 | 17.1 | 5.0 |
| 35 | 200 | 125 | 90° - 180° | 0.0 | 0.0 | | .21 | .19 | .21 | .19 | .20 | .19 | 10 | 9.2 | 6.8 |
| 45 | 100 | 78 | 0° - 180° | 605.9 | *25.2 | | .19 | .17 | .19 | .17 | .19 | .17 | 12 | 5.7 | 8.7 |
| 55 | 49 | 45 | *Efficiency | | | | .18 | .16 | .18 | .16 | .17 | .16 | 14 | 3.9 | 10.5 |
| 65 | 23 | 23 | | | | | .17 | .15 | .16 | .15 | .16 | .14 | 16 | 2.8 | 12.3 |
| 75 | 9 | 10 | | | | | .15 | .14 | .15 | .14 | .15 | .13 | | | |
| 85 | 3 | 3 | | | | | .14 | .13 | .14 | .13 | .14 | .12 | | | |
| 90 | 0 | 0 | | | | | .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.