FEATURES

OPTICAL SYSTEM

Self-flanged, semi-specular, matte-diffuse, or specular reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom. Minimum flange matches reflector finish.

MECHANICAL SYSTEM

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

FLECTRICAL SYSTEM

- Horizontally mounted, positive-latch, thermoplastic socket.
- Class P, thermally protected high-power-factor ballast(s) mounted to the junction box.
- Simply5™ technology available. SIMPLY IS

LISTING

Fixtures are UL listed for thru-branch wiring, non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

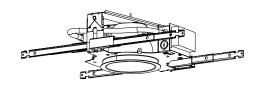
WARRANTY

NOTES

One-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/ Terms_and_conditions.aspx

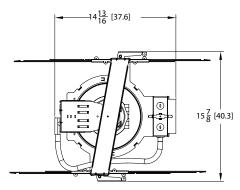
Type Catalog number

Compact Fluorescent Downlights



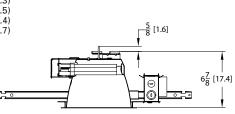
Open Reflector

Horizontal Lamp Double Twin-Tube



Aperture: 8 (20.3) Ceiling opening: 8-7/8 (22.5) 9-1/4 (23.4) Overlap trim: Lens recess: 2-5/8 (6.7)

All dimensions are inches (centimeters).



AF 2/18DTT 8AR MVOLT Example:

ORDERING INFORMATION

Wattage/

Not available with finishes.

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

Series	Wattage/ Lamp	Trim color	Finish	Voltage
AF	1/13DTT 2/13DTT 1/18DTT 2/18DTT 1/26DTT 2/26DTT	8AR Clear 8PR Pewter 8WTR Wheat 8BC¹ Black cone 8MB¹ Black baffle 8WR¹ White painted 8WB¹ White baffle	(blank) Semi- Specular LD Matte- diffuse	MVOLT ² 120 277 347

Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.

Not available with 13U11.

Available in 120V or 277V only.

SIMPLY5TM includes 9' S5 MLC Reloc wiring system (shipped separately). Available in 120V or 277V only. Available in 26W only. See simply5.net for more information.

For dimensional changes, refer to TECH-140.

For compatible Reloc systems, refer to TECH-110.

Not available with emergency options.
 Not available with emergency options.
 Not available with emergency options.
 Not available with one 0-10 VDC dimming output, shipped installed. Requires additional nlight bus power supply (nPS80).
 Not available with the second of the seco

For additional ballast types, refer to TECH-250. Not available with 13DTT.

Aperture/

ADEZ4,5 Advance Mark10® electronic dimming ballast. Minimum dimming level 5% ADZT4,5 Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% \$56 SIMPLY5™ dimming system. Minimum

Accessories

Order as separate catalog number.

slope must be specified (10D, 15D,

SCA8 Sloped ceiling adapter. Degree of

20D, 25D, 30D). Ex: SCA8 10D.

Ballast³

(blank) Electronic ballast

ECOS^{2,4} Lutron EcoSystem®

electronic dimming

ballast. Minimum

dimming level 5%

dimming level 15%

Options

- DS Dual switching
- Emergency battery pack. Integral test switch provided
- ELR7 Emergency battery pack. Remote test switch provided
- ELHL7 High lumen output emergency battery pack. Integral test switch provided
- ELRHL7 High lumen output emergency battery pack. Remote test switch provided
- GMF⁵ Single slow-blow fuse
- GLR⁵ Single fast-blow fuse
- WLP With 3500 K lamp (shipped separately)
- TRW White painted flange, Standard on MB and WB
- TRBL Black painted flange
- LRC⁸ Provides compatibility with Lithonia Reloc® System. Lithonia Reloc System can be installed less option with connectors provided by others. Access above ceiling required
- HW Hardwire for S5 system; replaces Reloc
- CP9 Chicago plenum
- BDP¹⁰ Ballast disconnect plug
- NSD¹¹ Sensor Switch nLight™ dimming relay
- WRL12 Wattage restriction label



Distribution data Illuminance Data at 30" Above Floor for Distribution curve **Output data Coefficient of utilization** a Single Luminaire AF 2/18DTT 8AR, (2) CF18DD/E/835 lamp, 2500 total rated lumens, test no. LTL10614 50% beam angle 10% beam angle Lumens Lumens % Lamp 80% 50% Ave 70% 80° 71.1° 445 0° - 30° 401.3 50% 30% 50% 30% 16.1 pw Inital fc fc at 70 5 462 45 0° - 40° 660.5 26.4 .40 .39 .39 .38 .37 .37 Mount at beam Beam Beam beam beam 15 499 141 0° - 60' 903.3 36.1 2 .36 .34 .36 .34 .34 .33 height diamete diameter edge 60 center edge 25 468 215 0° - 90° 907.3 36.3 .33 .31 .32 .30 .31 .30 20 35 415 259 90° - 180° 0.0 0.0 4 .30 .28 .30 .27 .29 .27 10.7 10 7.9 4.0 17.5 45 907.3 .28 .25 .27 .25 .26 .24 250 199 0° - 180° *36.3 12 4.9 13.6 2.5 22.2 0.5 55 *Efficiency 6 .25 .23 .25 .22 .24 35 44 .22 14 3.4 16.4 26.9 0.3 1.7 .23 .21 .23 .20 .22 .20 65 3 3 75 .21 .19 .21 .19 .21 .19 85 0 0 .20 .17 .20 .17 .19 .17 90 0 10 0 AF 2/26DTT 8AR, (2) CF26/DD/E/835 lamp, 3600 total rated lumens, test no. LTL10615 20% 50% beam angle 10% beam angle 50% From 0 Ave Lumens Zone Lumens % Lamp 80% 70% 80 69.5 98.8° 0° - 30' 50% 30% 50% 30% 50% 30% 956 857.8 23.5 pw Inital fo fc at fc at 70 989 96 1397.1 38.3 .58 .56 .56 .55 .54 .53 0° - 40° 5 Mount at beam Beam beam Beam beam .53 .50 .52 .49 .50 .48 1059 300 1915.0 2 15 0° - 60° 52.5 height center diameter edge diameter edge 3 .48 .45 .47 .44 .46 .43 25 462 40 1009 0° - 90° 1923.9 52.7 8 31.6 7.6 15.8 12.8 3.2 .39 35 .43 .40 .42 539 90° - 180° 0.0 .44 .40 859 0.0 17.0 10 10.4 8.5 17.5 1.7 .40 .36 .39 .36 .38 .35 45 423 1923.9 *52.7 5 539 0° - 180° 60 12 10.6 13.2 5.3 22.2 1.1 .35 .32 55 95 .37 .33 .36 .33 78 *Efficiency 6 14 7.2 16.0 3.6 26.9 0.7 .34 .30 .33 .30 .33 .29 65 6 7 16 5.2 18.7 2.6 31.5 0.5 .27 .31 .27 .30 .27 8 .31 75 2 2 .25 .29 .25 .28 .25 85 0 .29 0 10 27 .23 .26 .23 .26 90 0 0 AF 2/26DTT 8BC, (2) CF26DD/E/835 lamp, 3600 total rated lumens, test no. LTL10946 10% beam angle 50% beam angle Lumens 80% 70% 50% Zone 61.8° 97 1 0 916 0° - 30° 727.1 19.9 50% 30% 50% 30% 50% 30% Inital fc fc at fc at 924 0° - 40° 1136.9 31.1 47 45 .46 45 .44 .43 20 Mount at beam Beam beam 15 922 260 0° - 60° 1550.4 42.5 2 .43 .40 .42 .40 .40 .39 30 height center diamete edge diamete edge 3 39 36 36 37 25 828 379 0° - 90° 1553.4 42.6 38 35 40 35 653 90° - 180° 0.0 0.0 4 .36 .33 .35 .32 .34 .32 410 10 16.3 9.0 8.1 17.0 1.6 50 45 428 328 0° - 180° 1553.4 *42.6 5 .33 .30 .32 .29 .31 .29 12 10.1 11.4 5.1 21.5 1.0 6 60 55 77 .30 .27 .30 .27 29 26 86 *Efficiency 6.9 13.8 3.5 26.0 0.7 65 3 .28 .25 27 .24 .27 .24 3 70 75 0 0 .25 .22 .25 .22 .25 .22 80 85 0 0 9 .24 .21 .23 .21 .23 .20 10 .22 .19 .22 .19 .21 AF 2/26DTT 8MB, (2) CF26DD/E/835 lamp, 3600 total rated lumens, test no. LTL10982 50% beam angle 10% beam angle From 0 Ave Lumens Zone Lumens % Lamp 80% 70% 50% 62.0° 96.7 50% 30% 50% 30% 50% 30% 10 0 840 0° - 30' 685.0 18.8 Inital fc fc at fc at 5 858 82 0° - 40° 1062.7 29.1 .43 .42 .42 .41 .41 .40 20 Mount at beam Beam heam Beam heam 2 .39 .37 .39 .37 15 877 247 0° - 60' 1432 2 39 2 .37 .36 height 30 diameter 3 .36 .33 .34 .35 .34 .33 25 779 356 0° - 90° 1435.6 39.3 27.8 13.9 2.8 40 33 30 32 30 .32 4 .29 35 600 378 90° - 180° 0.0 0.0 10 14.9 9.0 7.5 16.9 1.5 .27 .25 45 386 296 0° - 180° 1435 6 *39.3 5 6 .30 .30 .27 .29 .27 50 12 9.3 11.4 4.7 21.4 0.9 .28 .27 .25 55 62 73 *Efficiency .27 .24 60 14 6.4 13.8 3.2 25.9 0.6

NOTES

1. For electrical characteristics consult technical data tab.

65

75

85

90

3

0

0

0

0

0

2. Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

.26

22 .19 22 19 21

8 .24 .21 .23 .21 .23 .21

9

10 .20 .18 .20 .18 .20 .18

.23 .25 .23

.25 .22

.19

16

4.6

16.2

23

30.4

0.5

3. Actual performance may differ as a result of end-user environment and application.



