

FEATURES

OPTICAL SYSTEM

- Reflector - Self-flanged, semi-specular or 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. Minimum flange matches reflector finish.
- Baffle/cone – Semi-specular clear upper reflector. Microgroove baffle with white painted flange or specular black cone with flange that matches cone finish.
- Lens - Position at optical break provides optimal visual comfort and improved aperture aesthetics.
- Hinged lampdoor seals upper trim for optimal fixture efficiency and the reduction of stray light in the plenum.

MECHANICAL SYSTEM

- 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 J-box with 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.

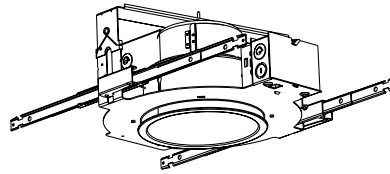
ELECTRICAL SYSTEM

- Horizontally-mounted, positive latch thermoplastic socket(s).
- Class P, thermally-protected, high power factor ballast mounted to the junction box.
- Simply5™ technology available. **SIMPLY5™** LIGHTING INTELLIGENCE

LISTING

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

Type Catalog number

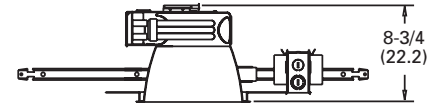


Compact Fluorescent Downlights

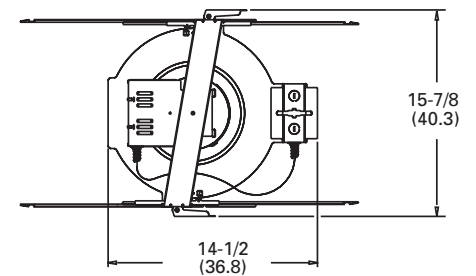
8" AF

Lensed Reflector

Horizontal Lamp
Triple-Tube



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)



All dimensions are inches (centimeters).

ORDERING INFORMATION

Example: **AF 2/32TRT 8AR CGL MVOLT**

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

AF

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast ⁴	Options
AF	1/18TRT	8AR Clear	(blank) Semi-specular	CGL Clear glass lens	MVOLT³	(blank) Electronic ballast	ELR⁷ Emergency battery pack. Remote test switch
	1/26TRT	8PR Pewter	LD Matte-diffuse	PCL² Clear polycarbonate lens	120	ECOS EcoSystem electronic dimming ballast. Minimum dimming level 5%.	GMF Single, slow-blow fuse (not available with MVOLT)
	1/32TRT	8WTR Wheat		T73 Tempered prismatic lens	277		GLR Single, fast-blow fuse (not available with MVOLT)
	1/42TRT	8WR¹ White painted		PPC² Prismatic polycarbonate lens	347	ADEZ⁵ Advance Mark 10 [®] electronic dimming ballast. Minimum dimming level 5%	TRW White painted flange (standard on MB and WB)
	1/57TRT	8MB^{1,2} Black baffle		FOL Flat opal lens		S5⁶ SIMPLY5™ system ballast	TRBL Black painted flange
	2/18TRT	8WB¹ White baffle					WLP With 3500°K lamp (shipped separately)
	2/26TRT	8BC^{1,2} Black cone					LRC⁷ Provides compatibility with Lithonia Reloc System. Reloc System can be installed less this option with connectors provided by others. Access above ceiling required.
	2/32TRT						CP⁸ Chicago Plenum
	2/42TRT						CSA CSA Certified
							BDP⁹ Ballast disconnect plug
							HW Hardwire for S5 system; replaces Reloc

NOTES

- 1 Not available with finishes.
- 2 Lens positioned below optical break.
- 3 Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- 4 For additional ballast types, refer to Technical Bulletins tab.
- 5 Available in 120V or 277V only. Minimum dimming level 5%.
- 6 Simply5™ includes 9" S5 MLC Reloc wiring system (shipped separately). Available in 120V or 277V only. Not available in 18W or 57W. See simply5.net for more information.
- 7 For compatible Reloc systems, refer to Technical Bulletins tab.
- 8 Not available with ELR option.
- 9 Meets codes that require in-fixture disconnect.
- 10 For dimensional changes, refer to Technical Bulletins tab.
- 11 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

Accessories

- Order as separate catalog number.
- SCA8** Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA8 10D

- ELRHL¹⁰** High lumen output emergency battery pack. Remote test switch provided.
- WL** Wet location
- NSD¹⁰** Sensor switch nLight™ dimming relay

8" AF Lensed

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ENERGY (Calculated in accordance with NEMA standard LE-5A)					
LER.DLL	Annual* Energy Cost	Lamps	Lamp Lumens	Ballast Factor	Input Watts
44	\$5.44	(1) 32W DTT	2400	0.98	36
47	\$5.08	(1) 42W DTT	3200	1.00	46
40	\$5.93	(2) 32W TRT	4800	0.96	69
41	\$5.92	(2) 42W TRT	6400	0.95	94

*Comparative yearly lighting energy cost per 1000 lumens

- NOTES:
- For electrical characteristics, consult Technical Bulletins tab.
 - 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 & specifications are based on the most current available data and are subject to change without notice.
 - Consult factory or IES file for microgroove baffle, black cone and other photometric reports.

DCF-210

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gotham
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