

Gotham Architectural Downlighting
Compact Fluorescent Downlights

10" AF
Open Reflector

Horizontal Lamp
Double Twin-Tube



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). Minimum flange matches reflector finish.

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 7/8" ceiling thickness.
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment.
- Toolless post-installation adjustments.
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C.

ELECTRICAL SYSTEM

- Cast aluminum lampholder housing.
- Horizontally mounted, positive-latch, thermoplastic socket.
- Class P, thermally protected high-power-factor electronic ballast(s) 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/resources/terms-and-conditions

ORDERING INFORMATION

EXAMPLE: AF 3/26DTT 10AR 120

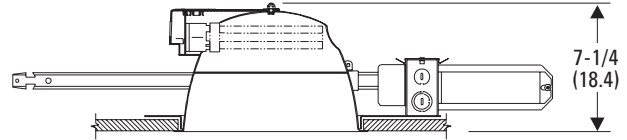
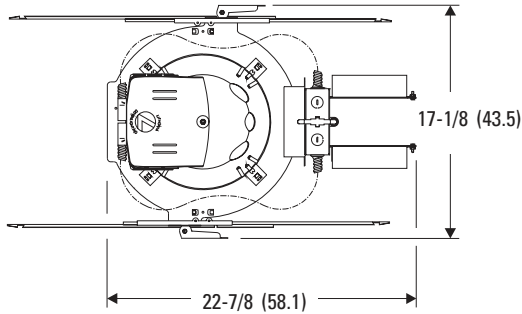
Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast ⁴
AF	1/13DTT	10AR Clear	(blank) Semi-specular	(blank) No lens	MVOLT ³	(blank) Electronic ballast
	1/18DTT	10PR Pewter	LD Matte-diffuse	CGL Clear glass lens	120	ECOS ^{3,5} Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	1/26DTT	10WTR Wheat		PCL ² Clear polycarbonate lens	277	ADEZ ^{5,6} Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	2/13DTT	10WR ¹ White painted		PPC ² Prismatic polycarbonate lens	347	ADZT ³ Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	2/18DTT	10MB ¹ Black baffle				
	2/26DTT	10WB ¹ White baffle				
	3/13DTT	10BC ¹ Black cone				
	3/18DTT					
	3/26DTT					

Options

DS	Dual switching. Standard on 3-lamp fixtures	NPP16D EFP	nLight network power/relay pack with 0-10V dimming.
ELR⁷	Emergency battery pack with remote test switch	NPP16D ER EFP	nLight network power/relay pack with 0-10V dimming. ER controls fixtures on emergency circuit.
ELRHL⁷	High-lumen-output emergency battery pack with remote test switch	WL	Wet location; lens required
GMF⁶	Single, slow-blow fuse	WRL¹¹	Wattage restriction label
GLR⁶	Single, fast-blow fuse	TWS	Twist lock socket
TRW	White painted flange (standard on MB and WB)		
TRBL	Black painted flange		
WLP	With 3500 K lamp (shipped separately)		
RRL⁸	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.		
CP⁹	Chicago plenum		
BDP^{9,10}	Ballast disconnect plug		

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 9-3/4 (24.8)
 Ceiling opening: 10-1/4 (26.0)
 Overlap trim: 10-7/8 (27.2)
 Lens recess: 4 (10.2)

ELECTRICAL

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

LER.DOH	Annual* Energy Cost	Lamps	Lamp Lumens	Ballast Factor	Input Watts
40	\$6.04	(1) 18W TRT	3750	1.0	58
39	\$6.13	(1) 26W TRT	5400	1.0	83

*Comparative yearly lighting energy cost per 1000 lumens

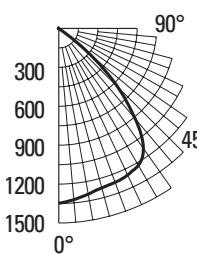
NOTES

ORDERING NOTES

- Not available with finishes.
- Lens positioned below optical break.
- Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- For additional ballast types, refer to [TECH-250](#).
- Not available with 13W.
- Available in 120V or 277V only.
- For dimensional changes, refer to [TECH-140](#).
- For compatible RELOC systems, refer to [TECH-110](#).
- Not available with emergency options.
- Meets codes that require in-fixture disconnect.
- Must specify wattage. Ex.: WRL32

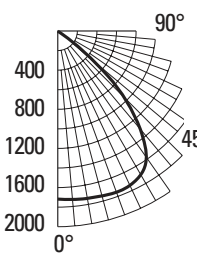
Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance: Single Luminaire 30" Above Floor

AF 3/18DTT 10AR (3) 18W PL-C/27K LAMP, 1.5 S/MH, 3750 RATED LUMENS, TEST NO. 2194051702



From 0°	cp.	Lumens	Zone	Lumens	%lamp	pf pc pw	80%		20%		50%		Mount height	Initial fc at beam center	50% beam angle 66.7°		10% beam angle 94.0°	
							50%	30%	50%	30%	50%	30%			Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
0°	1348		0°-30°	1064	28.40	1	68	66	67	65	64	63	8'	44.6	7.2'	22.3	11.8'	4.5
5°	1325	127	0°-40°	1765	47.07	2	63	61	62	60	60	58	10'	24.0	9.9'	12.0	16.1'	2.4
15°	1272	363	0°-60°	2303	61.43	3	58	55	58	55	56	54	12'	14.9	12.5'	7.5	20.4'	1.5
25°	1246	577	0°-90°	2306	61.51	4	54	51	54	51	52	49	14'	10.2	15.1'	5.1	24.6'	1.0
35°	1131	701	90°-180°	0	0.0	5	50	46	50	46	49	45	16'	7.4	17.8'	3.7	28.9'	0.7
45°	639	475	0°-180°	2306	61.51*	6	47	43	46	42	45	42						
55°	47	65			*Efficiency	7	43	39	42	39	41	38						
65°	2	3				8	39	35	39	35	38	35						
75°	1	1				9	36	32	36	32	35	31						
85°	0	1				10	33	29	33	29	32	28						
90°	0																	

AF 3/26DTT 10AR (3) 26W PL-C 26W/27 LAMP, 1.5 S/MH, 5400 RATED LUMENS, TEST NO. 2195053103



From 0°	cp.	Lumens	Zone	Lumens	%lamp	pf pc pw	80%		20%		50%		Mount height	Initial fc at beam center	50% beam angle 69.9°		10% beam angle 96.7°	
							50%	30%	50%	30%	50%	30%			Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
0°	1717		0°-30°	1462	27.08	1	66	65	65	64	63	62	8'	56.8	7.7'	28.4	12.1'	5.7
5°	1728	165	0°-40°	2438	45.15	2	62	59	61	58	59	57	10'	30.5	10.6'	15.3	16.5'	3.1
15°	1744	496	0°-60°	3248	60.16	3	57	54	56	53	55	52	12'	19.0	13.4'	9.5	20.9'	1.9
25°	1741	803	0°-90°	3250	60.19	4	53	49	52	49	51	48	14'	13.0	16.2'	6.5	25.3'	1.3
35°	1575	977	90°-180°	0	0.0	5	49	45	48	45	47	44	16'	9.4	19.0'	4.7	29.7'	0.9
45°	960	704	0°-180°	3250	60.19*	6	45	41	45	41	44	40						
55°	74	107			*Efficiency	7	41	37	41	37	40	37						
65°	1	2				8	38	34	37	34	37	33						
75°	0	1				9	35	31	34	30	34	30						
85°	0	1				10	32	28	31	28	31	27						
90°	0																	

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.