



Gotham Architectural Downlighting
LED Downlights

6" Evo®
Non-Conductive Shower Light

Solid-State Lighting

FEATURES

OPTICAL SYSTEM

- Face plate made of impact-modified acrylic for excellent durability and light transmission
- "Dead front" shower light for added safety
- White painted flange

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

ELECTRICAL SYSTEM

- Fully serviceable and upgradeable LED light engine
- 70% lumen maintenance at 60,000 hours based on IESNA LM-79-2008
- 120-277VAC, 50/60hz power supply with 0-10V dimming (10-100%); rated for 50,000-hour life
- Overload and short circuit protected

LISTINGS

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling
- IP65 rated; suitable for steam room applications

WARRANTY

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

ORDERING INFORMATION

EXAMPLE: EVO 35/10 6DFR 120

Series	Color temperature	Nominal lumen values	Aperture	Trim style	Voltage	Driver
EVO	27/ 2700 K	10 1000 lumens	6	DFR Dead (non-conductive) front regressed	MVOLT 120 277 347	(blank) ¹ 0-10V dimming driver. Minimum dimming level 10%
	30/ 3000 K	14 1400 lumens				DFD Dead (non-conductive) front drop
	35/ 3500 K	18 1800 lumens		ECOS3 ^{1,2} Lutron® Hi-lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%		
	41/ 4100 K	22 2200 lumens				

Options

SF Single fuse	NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01	NSD Sensor Switch nLight™ dimming relay. One 5A relay with one 0-10 VDC dimming output, shipped installed. Refer to nSP5-D .
RRL RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.	ELR ⁴ Emergency battery pack with remote test switch	
	CP ⁵ Chicago plenum	
	BGTD Bodine generator transfer device	

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. Refer to TECH-190 .
CTA4-8 YK	Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 2").
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC .

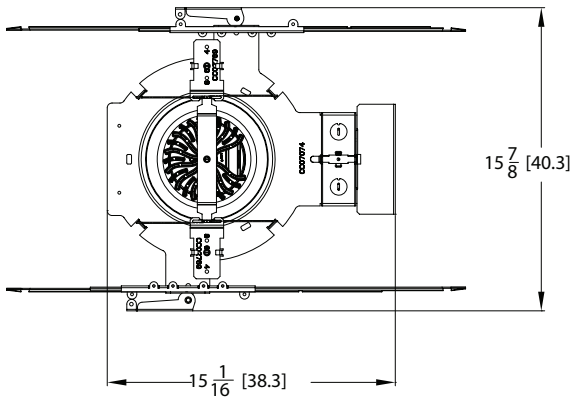
NOTES

ORDERING NOTES

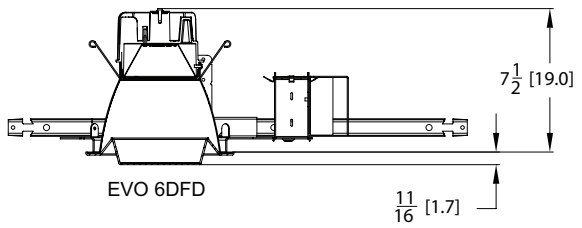
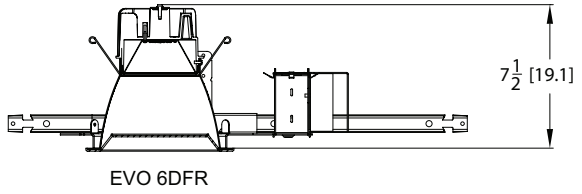
1. Refer to [TECH-240](#) for compatible dimmers.
2. Not available with NEPP option.
3. 120V only.
4. For dimensional changes refer to [TECH-140](#).
5. Not available with ELR options.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

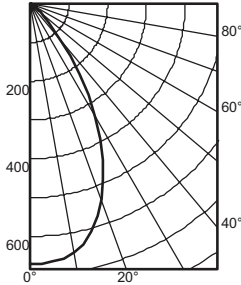


Aperture: 6-1/4 (15.9)
 Ceiling Opening: 7-1/8 (18.1)
 Overlap Trim: 7-1/2 (19.1)



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

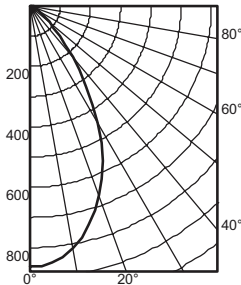
EVO 35/10 6DFR INPUT WATTS: 22, DELIVERED LUMENS: 661, LM/W=30.0, 0.9 S/MH, TEST NO. LTL20129



Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20%			50%			50% beam - 49.5°	10% beam - 78.0°
					50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	0° - 30°	433.3	65.6	0	119	119	119	116	116	116	111	111	111		
5	0° - 40°	572.4	86.6	1	110	107	105	108	105	103	104	102	100		
15	0° - 60°	645.0	97.6	2	102	97	94	100	96	93	97	93	91		
25	0° - 90°	660.9	100.0	3	94	89	85	93	88	84	90	86	83		
35	90° - 180°	0.0	0.0	4	88	82	77	86	81	77	84	79	76		
45	0° - 180°	660.9	*100.0	5	82	75	71	81	75	70	79	74	70		
55			*Efficiency	6	76	70	65	75	69	65	74	69	65		
65				7	71	65	61	71	65	60	69	64	60		
75				8	67	61	56	66	60	56	65	60	56		
85				9	63	57	53	63	57	53	62	56	52		
90				10	60	53	49	59	53	49	58	53	49		

Mounting Height	Initial Center Beam	50%		10%	
		Diameter	FC	Diameter	FC
8.0	22.2	5.1	11.1	8.9	2.2
10.0	11.9	6.9	6.0	12.2	1.2
12.0	7.4	8.8	3.7	15.4	0.7
14.0	5.1	10.6	2.5	18.6	0.5
16.0	3.7	12.4	1.8	21.9	0.4

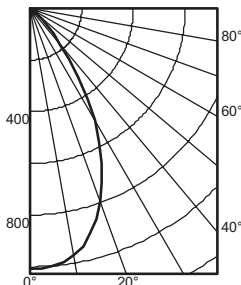
EVO 35/14 6DFD INPUT WATTS: 31, DELIVERED LUMENS: 965, LM/W=31.1, 0.9 S/MH, TEST NO. LTL20130



Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20%			50%			50% beam - 49.2°	10% beam - 82.0°
					50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	0° - 30°	546.8	56.7	0	119	119	119	116	116	116	111	111	111		
5	0° - 40°	749.4	77.6	1	109	106	103	106	104	101	102	100	98		
15	0° - 60°	907.2	94.0	2	99	94	90	97	93	89	94	90	87		
25	0° - 90°	963.1	99.8	3	91	85	80	90	84	80	87	82	78		
35	90° - 120°	2.0	0.2	4	84	77	72	83	77	72	80	75	71		
45	90° - 130°	2.0	0.2	5	78	71	66	77	70	66	75	69	65		
55	90° - 150°	2.0	0.2	6	72	65	60	71	65	60	70	64	60		
65	90° - 180°	2.0	0.2	7	67	60	55	66	60	55	65	59	55		
75	0° - 180°	965.2	*100.0	8	63	56	51	62	56	51	61	55	51		
85			*Efficiency	9	59	52	48	58	52	48	57	51	47		
90				10	55	49	44	55	49	44	54	48	44		

Mounting Height	Initial Center Beam	50%		10%	
		Diameter	FC	Diameter	FC
8.0	28.5	5.0	14.3	9.6	2.9
10.0	15.3	6.9	7.7	13.0	1.5
12.0	9.6	8.7	4.8	16.5	1.0
14.0	6.5	10.5	3.3	20.0	0.7
16.0	4.7	12.4	2.4	23.5	0.5

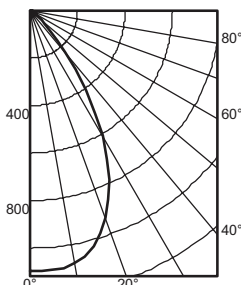
EVO 35/14 6DFR INPUT WATTS: 31, DELIVERED LUMENS: 978, LM/W=31.5, 0.9 S/MH, TEST NO. LTL20131



Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20%			50%			50% beam - 49.2°	10% beam - 77.6°
					50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	0° - 30°	644.2	65.8	0	119	119	119	116	116	116	111	111	111		
5	0° - 40°	848.2	86.7	1	110	107	105	108	106	103	104	102	100		
15	0° - 60°	954.3	97.5	2	102	97	94	100	96	93	97	93	91		
25	0° - 90°	978.7	100.0	3	94	89	85	93	88	84	90	86	83		
35	90° - 180°	0.0	0.0	4	88	82	77	86	81	77	84	80	76		
45	0° - 180°	978.7	*100.0	5	82	75	71	81	75	71	79	74	70		
55			*Efficiency	6	76	70	65	75	70	65	74	69	65		
65				7	71	65	61	71	65	61	69	64	60		
75				8	67	61	57	67	61	57	65	60	56		
85				9	63	57	53	63	57	53	62	56	53		
90				10	60	54	50	59	53	49	58	53	49		

Mounting Height	Initial Center Beam	50%		10%	
		Diameter	FC	Diameter	FC
8.0	33.4	5.0	16.7	8.9	3.3
10.0	17.9	6.9	9.0	12.1	1.8
12.0	11.2	8.7	5.6	15.3	1.1
14.0	7.6	10.5	3.8	18.5	0.8
16.0	5.5	12.3	2.8	21.7	0.6

EVO 35/18 6DFR INPUT WATTS: 38.5, DELIVERED LUMENS: 1164, LM/W=30.2, 1.0 S/MH, TEST NO. LTL20133



Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20%			50%			50% beam - 51.8°	10% beam - 79.4°
					50%	30%	10%	50%	30%	10%	50%	30%	10%		
0	0° - 30°	745.8	64.1	0	119	119	119	116	116	116	111	111	111		
5	0° - 40°	1000.0	85.9	1	110	107	105	108	105	103	104	102	100		
15	0° - 60°	1133.5	97.4	2	101	97	93	100	96	92	96	93	90		
25	0° - 90°	1164.0	100.0	3	94	88	84	92	87	83	90	86	82		
35	90° - 180°	0.0	0.0	4	87	81	77	86	80	76	84	79	75		
45	0° - 180°	1164.0	*100.0	5	81	75	70	80	74	70	78	73	69		
55			*Efficiency	6	76	69	65	75	69	64	73	68	64		
65				7	71	64	60	70	64	60	69	63	59		
75				8	66	60	56	66	60	55	65	59	55		
85				9	62	56	52	62	56	52	61	55	52		
90				10	59	53	49	58	52	48	57	52	48		

Mounting Height	Initial Center Beam	50%		10%	
		Diameter	FC	Diameter	FC
8.0	36.3	5.3	18.1	9.1	3.6
10.0	19.5	7.3	9.8	12.5	2.0
12.0	12.2	9.2	6.1	15.8	1.2
14.0	8.3	11.2	4.2	19.1	0.8
16.0	6.0	13.1	3.0	22.4	0.6

PHOTOMETRY NOTES

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.
- CRI: 83 typical.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.

