

FEATURES & SPECIFICATIONS

INTENDED USE

For use with housings LC6, L7X, L7XR, L7XF, LP6 and LP6F.

CONSTRUCTION

Aluminum one-piece reflector.

White polyester powder coat paint.

White integral flange as standard.

INSTALLATION

Socket to trim interface.

Retaining clips riveted to top of reflector hold trim inside housing.

LISTINGS

U.L. Listed to U.S. and Canadian safety standards.

Damp location listed.

WARRANTY

1-year limited warranty. Complete warranty terms located at

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type



6" Full Reflector Trim

602

DEEP OPEN

Narrow Flange

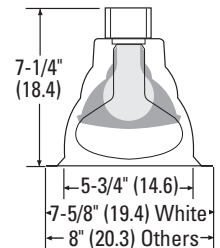
Specifications

Height: 7-1/4 (18.4)

Lamp opening: 5-3/4 (14.6)

Diameter: 7-5/8 (19.4) white
8 (20.3) others

Trim heights when used with
Non IC rough-ins



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: 602

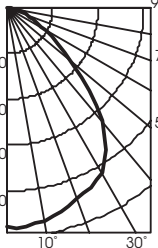
602	
Series	Finish
602	(blank) White MW Matte white AZ Clear specular A Clear diffuse G Gold diffuse GZ Gold specular PR Pewter WTZ Wheat

Housing Compatibility: Housing and trim ordered separately.

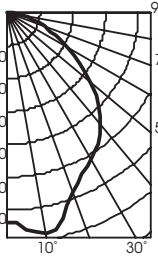
Application	Source	Maximum wattage	Housing
IC	Incandescent	100 PAR38	LI6
		65 BR30	
		60 A19	LI6 (white only)
		65 BR40	LC6
	Fluorescent	13DTT	L7XF
		26TRT	
		32TRT	LI6F
Non-IC	Incandescent	250 BR heat lamp	LP6
		150 PAR38	LP6, LC6, L7X, L7XR
		100 A19	
		120 BR40	
	Fluorescent	13DTT	LP6F
		26TRT	L7XF
		32TRT	LP6F

Accessories: Order as separate catalog number.	
CRT6	6" goof ring, white

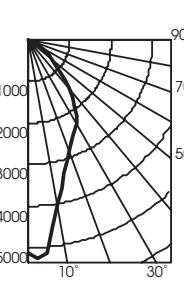
602 6" Deep Open Full Reflector Trim

Distribution Curve	Distribution Data		Output Data		Coefficient of utilization						Single luminaire data 30" above floor																																																							
602, 100W A19 lamp, 1.3 s/mh, 1750 rated lumens, test no. 2194040904																																																																		
						pf	20%					Task Height: 2.5ft.																																																						
						pc	80%	70%		50%																																																								
						pw	50%	30%	50%	30%	50%							30%																																																
	cp	Lumens	Zone	Lumens	% Lamp																																																													
	0	479	0° - 30°	374.6	21.4	0	71	71	69	69	66	66																																																						
	5	479	0° - 40°	608.6	34.8	1	64	62	62	60	60	58																																																						
	15	460	0° - 60°	928.8	53.1	2	57	53	56	52	54	51																																																						
	25	433	0° - 90°	1045.5	59.7	3	51	46	50	46	48	45																																																						
	35	378	90° - 180°	0.0	0.0	4	46	41	45	41	43	40																																																						
	45	256	0° - 180°	1045.5	*59.7	5	41	36	41	36	39	35																																																						
	55	135				6	38	33	37	32	36	32																																																						
	65	74				7	34	29	34	29	33	29																																																						
	75	36				8	31	27	31	27	30	26																																																						
	85	3				9	29	24	29	24	28	24																																																						
90	0				10	27	22	27	22	26	22																																																							
													<table><tr><td></td><td>Initial FC</td><td colspan="2">50% beam - 65.0°</td><td colspan="2">10% beam - 100.7°</td></tr><tr><td>Mounting</td><td>Center</td><td></td><td></td><td></td><td></td></tr><tr><td>Height</td><td>Beam</td><td>Diameter</td><td>FC</td><td>Diameter</td><td>FC</td></tr><tr><td>8.0</td><td>15.8</td><td>7.0</td><td>7.9</td><td>13.3</td><td>1.6</td></tr><tr><td>10.0</td><td>8.5</td><td>9.5</td><td>4.3</td><td>18.1</td><td>0.9</td></tr><tr><td>12.0</td><td>5.3</td><td>12.1</td><td>2.7</td><td>22.9</td><td>0.5</td></tr><tr><td>14.0</td><td>3.6</td><td>14.6</td><td>1.8</td><td>27.8</td><td>0.4</td></tr><tr><td>16.0</td><td>2.6</td><td>17.2</td><td>1.3</td><td>32.6</td><td>0.3</td></tr></table>							Initial FC	50% beam - 65.0°		10% beam - 100.7°		Mounting	Center					Height	Beam	Diameter	FC	Diameter	FC	8.0	15.8	7.0	7.9	13.3	1.6	10.0	8.5	9.5	4.3	18.1	0.9	12.0	5.3	12.1	2.7	22.9	0.5	14.0	3.6	14.6	1.8	27.8	0.4	16.0	2.6	17.2	1.3	32.6	0.3
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16.0	2.6	17.2	1.3	32.6	0.3																																																													

602A, 32W TRT lamp, 1.3 s/mh, 2400 rated lumens, test no. LTL10729

	Lumens		Zone	Lumens % Lamp	pf	20%						Task Height: 2.5ft.																																															
	cp				pc	80%	70%	50%																																																			
					pw	50%	30%	50%	30%	50%																																																	
	0	636	0° - 30°	495.4	20.6	0	80	80	78	78	74	74																																															
	5	661	0° - 40°	798.7	33.3	1	71	68	69	67	66	64																																															
	15	650	0° - 60°	1345.8	56.1	2	62	58	61	57	58	55																																															
	25	543	0° - 90°	1608.3	67.0	3	55	50	54	49	52	48																																															
	35	487	90° - 180°	0.0	0.0	4	49	43	48	43	46	42																																															
	45	395	0° - 180°	1608.3	*67.0	5	44	38	43	38	42	37																																															
	55	272	*Total Efficiency		6	40	34	39	34	38	33	33																																															
	65	164			7	36	30	36	30	35	30	30																																															
	75	82			8	33	27	33	27	32	27	27																																															
	85	6			9	30	25	30	25	29	25	25																																															
	90	0			10	28	23	28	23	27	23	23																																															
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16.0	3.5	16.4	1.7	36.0	0.3																																																						

602A, 100W MP/100/C/U/MED lamp, 08 s/mh, 7900 rated lumens, test no. LTL9687

						pf	20%				Task Height: 2.5ft.		
		cp	Lumens	Zone	Lumens % Lamp	pc	80%	70%	50%				
						pw	50%	30%	50%	30%			
	1000	0	5139	0° - 30°	2558.1	29.1	0	70	70	68	68	65	65
		5	5157	0° - 40°	3774.1	42.9	1	64	62	63	61	60	59
	2000	15	3309	0° - 60°	5058.4	57.5	2	58	56	57	55	55	53
		25	2573	0° - 90°	5153.6	58.6	3	53	50	53	49	51	48
	3000	35	1974	0° - 90°	5153.6	58.6	4	49	45	48	45	47	44
		45	1095	90° - 180°	0.0	0.0	5	45	41	44	41	43	40
	4000	55	493	0° - 180°	5153.6	*58.6	6	42	37	41	37	40	37
		65	92	*Total Efficiency			7	38	34	38	34	37	34
		75	3				8	36	32	35	32	35	31
	5000	85	1				9	33	29	33	29	32	29
		90	0				10	31	27	31	27	30	27

	Initial FC		50% beam - 36.2°		10% beam - 85.4°	
Mounting	Center					
Height	Beam	Diameter	FC	Diameter	FC	
8.0	169.9	3.6	85.0	10.2	17.0	
10.0	91.4	4.9	45.7	13.8	9.1	
12.0	56.9	6.2	28.5	17.5	5.7	
14.0	38.9	7.5	19.4	21.2	3.9	
16.0	28.2	8.8	14.1	24.9	2.8	

CONVERSION FACTOR

Use multiplier to determine candlepower, lumens and footcandles of other finishes.
Gold = .9; Black = .85; White Baffle = 1.1.

To calculate light levels for other lamps, multiply the footcandle levels by the ratio of desired-lamp lumens to displayed-lamp lumens.

Example: fc level at nadir for 100W A19 is 19. With a 75W A19,
fc level is 19 x (1,210/1,750) or 13 fc.

Incandescent		Compact Fluorescent	
Lamp	Lumens	Lamp	Lumens
150W A21	2,850	26W DTT	1,800
100W A19	1,750	18W DTT	1,250
75W A19	1,210	13W DTT	860
60W A19	870		
40W A19	460		
Consult chart on page LAMP for appropriate R or PAR lamp data.			