

Featuring VirtualSource VS Reflectors

6" Regressed Lensed Vertical Downlight INC600

One 100W A19
120V or 277V

DATE: _____ TYPE: _____

FIRM NAME: _____

PROJECT: _____



Ceiling Cutout: 6 1/4"
Maximum Ceiling Thickness: 1 1/4"
For conversion to millimeters,
multiply inches by 25.4
Not to Scale

APPLICATIONS:

The Architektür INC600 provides a 6" specification grade regressed lens downlight luminaire for a wide variety of applications including commercial, retail, and hospitality.

HOUSING:

One piece 18 gauge galvanized steel platform. Maximum 1 1/4" ceiling thickness. Prewired J-Box with snap-on cover for easy below ceiling access. Diecast aluminum heat sink.

REFLECTOR:

High purity aluminum Alzak reflector featuring Virtual Source® optical design for optimum efficiency and superior brightness control. Self-trim standard. Optional painted white self-trim available. Integral retention springs.

LENS:

All glass lens are standard tempered and designed to withstand high temperatures and high impact associated with commercial lensed downlight applications.

LAMP:

One (1) 100W A19. Lamp furnished by others.

SOCKET:

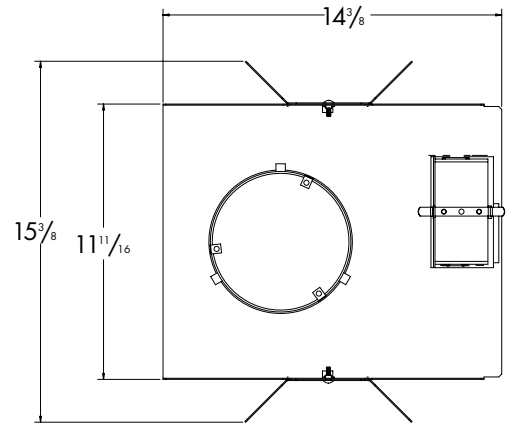
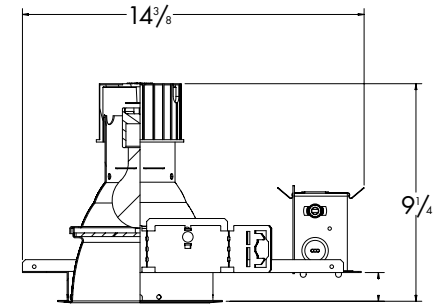
One (1) medium base porcelain socket with nickel plated screw shell.

INSTALLATION:

Universal mounting brackets accept 1/2". EMT conduit or 1 1/2" lathing channels (by others), or Prescolite® 24" bar hangers (B24 or B6).

LABELS:

UL, CSA listed for wet locations
Approved for through wiring
Thermally protected
Non-IC rated and NYC approved



CATALOG NUMBER:

EXAMPLE: INC600-STI602CGCL-B24

HOUSING	HOUSING OPTIONS	REFLECTOR	REFLECTOR FINISH	REFLECTOR COLOR	REFLECTOR OPTIONS	ACCESSORIES
<input type="checkbox"/> INC600 6", (1) 100W A19	<input type="checkbox"/> CP Chicago Plenum. (120V only) Fixture construction and/or specifications may vary. Refer to Chicago Plenum specification sheets on www.prescolite.com for details. <input type="checkbox"/> 277V J-Box mounted step-down transformer <input type="checkbox"/> MW60A19 Max Wattage label, 60W <input type="checkbox"/> MW75A19 Max Wattage label, 75W	<input type="checkbox"/> STI602 Alzak reflector or painted	<input type="checkbox"/> Blank Specular <input type="checkbox"/> SS Semi-specular	<input type="checkbox"/> Blank Clear <input type="checkbox"/> CG Champagne Gold <input type="checkbox"/> PW Pewter <input type="checkbox"/> BL Black <input type="checkbox"/> WE Wheat <input type="checkbox"/> LW Light Wheat Painted Options* <input type="checkbox"/> WC White Cone <input type="checkbox"/> BC Black Cone	<input type="checkbox"/> DL Diffused lens <input type="checkbox"/> CL Clear lens <input type="checkbox"/> FL Fresnel lens <input type="checkbox"/> PL Prismatic lens <input type="checkbox"/> TRG Trim ring gasket (factory installed) <input type="checkbox"/> WT Painted white self-flange	<input type="checkbox"/> B24 Set of two (2) 24" bar hangers for T-bar ceilings <input type="checkbox"/> B6 Set of two (2) bar hangers for ceiling joists up to 24" centers <input type="checkbox"/> SCA6D Sloped ceiling adapter (see note on back page)

*All painted options come standard with an upper specular clear Alzak reflector.



In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.
Web: www.prescolite.com • Tech Support: (888) 777-4832

ARCH-INC-038

PHOTOMETRIC DATA

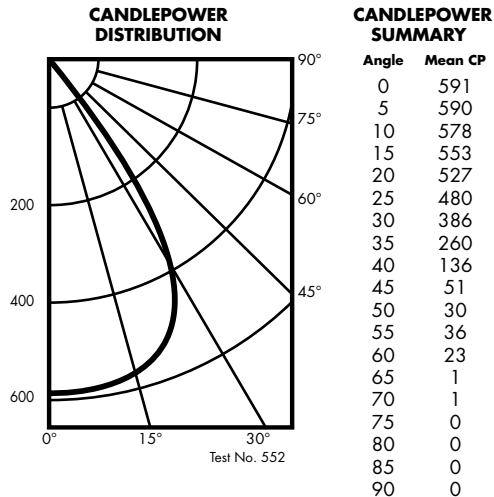
Architektür - 6" Regressed Lensed Vertical Downlight - INC600

INC600-STI602CL with Specular Clear Alzak Reflector w/clear lens

Lamp: One 100W A19 Inside frosted, 1680 Lumens

Spacing Criteria: 1.0

Efficiency: 40.2%



LUMINANCE DATA IN CANDELA/SQ. METER

Angle in Vertical	Average
0°	0
45°	4303
55°	3745
65°	141
75°	0
85°	0

AVERAGE INITIAL FOOTCANDLES

- Multiple Units (Square Array)
- Ceiling 80% Wall 50% Floor 20%
- 4 fixtures evenly spaced in the center of the room
- The room is square and has a width and length equal to twice the lamp spacing
- The lumen depreciation factor is 0.8
- The dirt depreciation factor is 0.98

100W A19 (INSIDE FROSTED)

SPACING	RCR1	RCR3	RCR7
7.0	12	10	7
8.0	9	8	6
9.0	7	6	5
10.0	6	5	4
11.0	5	4	3
12.0	4	3	3
13.0	3	3	2
14.0	3	3	2
15.0	3	2	2

COEFFICIENTS OF UTILIZATION Zonal Cavity Method

Room Cavity Ratio	% Effective Floor Cavity Reflectance																	
	80%			70%			50%			30%			10%			0%		
	20% Effective Floor Cavity Reflectance																	
	% Wall Reflectance																	
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
0	.48	.48	.48	.48	.47	.47	.47	.47	.45	.45	.45	.43	.43	.43	.41	.41	.41	.40
1	.46	.44	.43	.42	.45	.43	.42	.42	.42	.41	.40	.40	.40	.39	.39	.38	.38	.37
2	.43	.41	.39	.38	.42	.40	.39	.37	.39	.38	.36	.38	.37	.36	.37	.36	.35	.34
3	.41	.38	.36	.34	.40	.37	.35	.34	.36	.35	.33	.35	.34	.33	.34	.33	.32	.31
4	.38	.35	.33	.31	.38	.35	.32	.31	.34	.32	.30	.33	.31	.30	.32	.31	.30	.29
5	.36	.33	.30	.28	.36	.32	.30	.28	.31	.29	.28	.31	.29	.28	.30	.29	.27	.27
6	.34	.30	.28	.26	.34	.30	.28	.26	.29	.27	.26	.29	.27	.25	.28	.27	.25	.25
7	.32	.28	.26	.24	.32	.28	.26	.24	.28	.25	.24	.27	.25	.24	.27	.25	.23	.23
8	.31	.27	.24	.22	.30	.26	.24	.22	.26	.24	.22	.25	.23	.22	.25	.23	.22	.21
9	.29	.25	.22	.21	.29	.25	.22	.21	.24	.22	.21	.24	.22	.20	.24	.22	.20	.20
10	.28	.23	.21	.19	.27	.23	.21	.19	.23	.21	.19	.23	.21	.19	.22	.20	.19	.19

INC600/STI602CL

Test No. 552

NOTES

⊙vs Denotes a Virtual Source reflector.

When ordering a sloped ceiling adapter, specify the degree of slope in 5° increments, max. of 35°. For a more precise degree or wet ceiling applications, please contact factory. The SCA must be installed at the time of housing installation.

Refer to www.prescolite.com for additional photometric tests (IES Files).