

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed downlight that provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. The system maintains 70% lumen output at more than 50,000 hours.

CONSTRUCTION — 16-gauge galvanized steel mounting/plaster frame with torsion springs to mount open conical shape reflector.

Rugged, one-piece, die-cast housing with white interior dome reflector.

LED light source shielded from direct view.

Vertically adjustable mounting brackets that use 16-gauge flat bar hangers (included), 1/2" conduit or C channel T bar fasteners. Provides 3-3/4" total adjustment.

Post installation adjustment possible from above or below the ceiling.

Galvanized steel junction box with bottom-hinged access covers and spring latches. 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.

Fixture height of 5-3/4" allows installation in shallow plenum applications.

Secondary housing adjustment system for precise, final ceiling-to-flange alignment.

Maximum 1-1/2" ceiling thickness.

ELECTRICAL — Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring cool-running operation, 3500K, CRI > 80.

Thermal control ensures cool running LEDs.

Thermal protection provided against improper insulation use.

High-efficiency, electronic LED driver mounted in the junction box.

Luminaire should be installed in applications where ambient temperatures do not exceed 50°C. Ambient temperatures that exceed 50°C will result in reduced lamp life and will void warranty.

Input wattage for 600L is 15.6W. Input wattage for 900L is 25.0W.

The DOM6 LED with DIM option operates with all 0-10V dimming switches. The following dimming switches have been confirmed to dim to 10% output:

Synergy® model number: [ISD BC 120/277](#)

Leviton® model number: IP710-DLX

Lutron® model number: NTFTV-WH. For on/off control, this switch requires a power pack. Consult Lutron for more information.

LISTINGS — CSA Certified to US and Canadian safety standards. Damp location listed.

WARRANTY — Five-year limited warranty. Complete warranty terms located at:

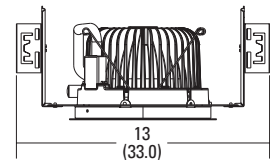
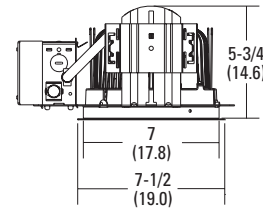
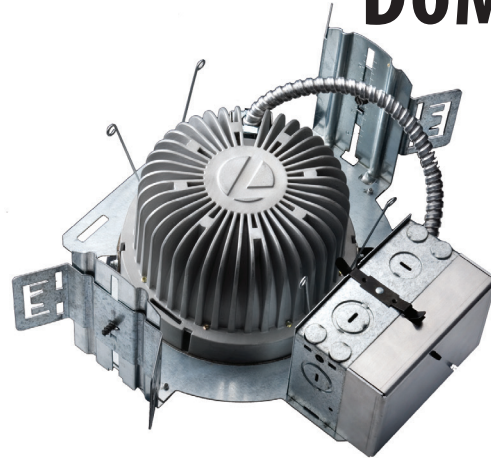
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

DOM6 LED

6" OPEN LED



Specifications

Aperture: 6-3/4 (17.1)

Ceiling opening: 7 (17.8)

Overlap trim: 7-1/2 (19.0)

Height: 5-3/4 (14.6)

Length: 11-1/8 (28.3)

Standard width: 13 (33.0)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: DOM6 LED 900L 35K 120 D06

DOM6 LED		Lumen output ¹		Color temperature	Voltage	Reflector	Options
DOM6 LED	600L	35K	3500K	120	D06	White open ³	TRW White flange with anodized reflectors
	900L	40K	4000K	277	D06A	Clear diffuse open	TRBL Black flange with anodized reflectors
				347 ²	D06AZ	Semi-specular open	DIM 0-10V dimming driver, 10% minimum light output
					D06MW	Matte white ³	ELRB722 Bodine® emergency battery pack with remote test switch provides 86% light output or roughly 770 lumens, for up to 90 minutes (900L only) ⁴
							NSD Sensor Switch® nLight® one 5A relay with one 0-10 VDC dimming output; requires bus power, such as nPP16 power pack. Refer to nSP5-D . ⁵

Accessories: Order as separate catalog number.	
IDS BC 120/277 WH	Synergy white switch
IDS BC 120/277 IV	Synergy ivory switch
NSP5 D ER KIT	Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to NSP5 D ER KIT .

Notes

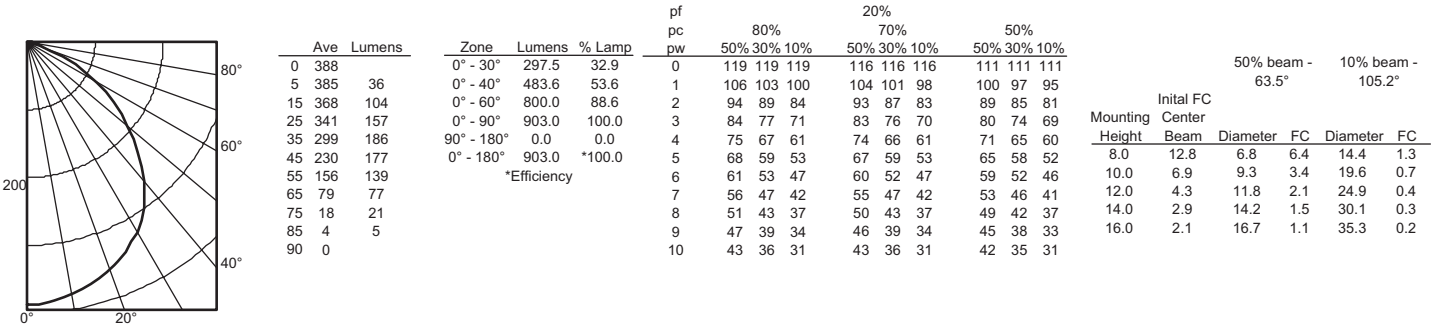
- Total system delivered lumens; power factor > 0.90.
- Not available with ELRB722
- White integral flange.
- ELRB722 available only with 900L.
- For emergency generator/inverter applications order non-nLight-enabled fixture and NSP5 D ER KIT as an accessory. Refer to [NSP5 D ER KIT](#).

DOM6 LED 6" OPEN LED

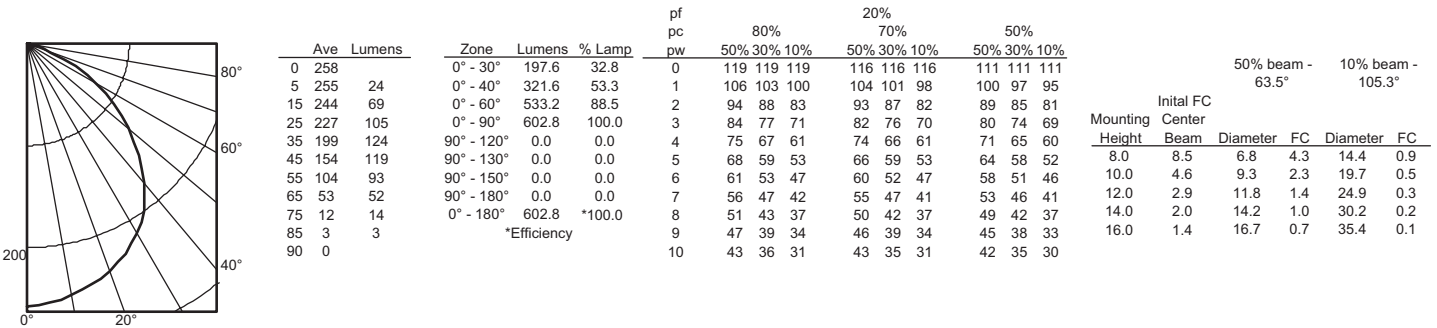
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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DOM6 900L D06; 903 delivered lumens, input watts: 25.0, Test No. LTL 17007, tested in accordance with IESNA LM-79-2008



DOM6 600L D06; 603 delivered lumens, input watts: 15.6, Test No. LTL 17014, tested in accordance with IESNA LM-79-2008



Notes

- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/-5% when operating between 120-347V +/-10%.



DOM6_LED_OPEN