

IDL6 Downlight

6" Low Profile Indirect Downlight

Schedule ID	
Part Number	
Notes	



Low Profile 6 inch fixture.
Recessed lighting with **no housing required.**

Product Description

This fully dimmable low-voltage LED fixture is Airtight certified (in accordance with ASTM E283) and is rated for insulation contact (IC) and dry locations. This Class 2 solution contains no electronics in the fixture. The dimming control, power conversion and constant current drivers for multiple fixtures are housed in a remote DC, Class 2 intelligent power supply, which can be located up to 150' away from the fixtures.

Ideal applications: hospitality, retail, commercial, architectural lighting.

Performance Summary

Light Output	315 - 945 lumens
CCT	2700K, 3000K, 3500K, 4000K*, 5000K*
CRI	90+ (2700K, 3000K)
Drive Current	350 mA - 1000 mA
Forward Voltage	12.6 Vf max
Beam Angle	140°
L70 Lifetime	50,000+ hours
Warranty	5-year limited warranty
Dimming	Dimmable to 0.2%

*Please consult with your LumaStream account manager for pricing and lead times.

Ordering Information Example: IDL6R-30-W

IDL6		-		-	
Base	Shape		CCT		Finish
IDL6	R Round SQ Square		27 2700K (std) 30 3000K (std) 35 3500K (std) 40 4000K* (opt) 50 5000K* (opt)		W White

IDL6 Downlight Specifications

Light Output

Drive Current	CCT	Lumens	Voltage	Watts	Fixtures/Ch	Fixtures/PS	CRI	Compatible Power Supplies
350 mA	3500K	315	12	4.2	3	36	90+	70-12-0350-XXX-XX
450 mA	3500K	405	12	5.4	3	36	90+	70-12-0450-XXX-XX
500 mA	3500K	450	12	6	3	27	90+	70-09-0500-XXX-XX
700 mA	3500K	652	12.4	8.7	3	24	90+	70-08-0700-XXX-XX
700 mA	3500K	652	12.4	8.7	3	18	90+	70-06-0700-XXX-XX
700 mA	3500K	652	12.4	8.7	2	24	90+	66-12-0700-XXX-XX
1000 mA	3500K	945	12.6	12.6	2	18	90+	66-09-1000-XXX-XX

*For 4000K & 5000K lumen values multiply 1.07, For 80 CRI multiply by 1.15.

Construction & Materials

Dimensions	Round: 2 1/16" H x 7 1/16" D Square: 2 1/16" H x 7" x 7" D
Weight	0.5 lbs
Material	Die Cast Aluminum, Polycarbonate Diffuser
Operating Temperature	0°C to 40°C / 4°F to 104°F
Mounting Options	Recessed in ceilings up to 1.25" thick
Installation (Ceiling Hole Cutout)	Round: 6 3/8" Square: 6 3/8" x 6 3/8"
New Construction (Flat Frame Option)	Round: HSN-6-R-FF Square: HSN-6-S-FF

Certifications & Qualifications

TUV Certified to UL 1598	Yes
IC Rated	Yes
AT Rated	Yes
Suitable for Damp Locations	No
RoHS Compliant	Yes

For more information, please contact:

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