

TDL8 Downlight

8" Low Profile Series

Schedule ID	
Part Number	
Notes	

Low profile 8 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 wet 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	422 - 1270 lumens
CCT	2700K, 3000K, 3500K*, 4000K*, 5000K*
CRI	90+ (2700K, 3000K)
Drive Current	350 mA - 1000 mA
Forward Voltage	18 Vf max
L70 Lifetime	50,000+ hours
Beam Angle	110°
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: TDL8R-30W

TDL8				-			
Base	Shape		CCT		Finish		
TDL8	R	Round	27	2700K (std)	W	White	
			30	3000K (std)			
			35	3500K* (opt)			
			40	4000K* (opt)			
			50	5000K*(opt)			

TDL8 Downlight Specifications

Light Output

Drive Current	CCT	Lumens	Voltage	Watts	Fixtures/Ch	Fixtures/PS	CRI	Compatible Power Supplies
350 mA	3000K	422	18	6.3	2	24	90+	70-12-0350-XXX-XX
450 mA	3000K	543	18	8.1	2	24	90+	70-12-0450-XXX-XX
500 mA	3000K	605	18	9	2	18	90+	70-09-0500-XXX-XX
700 mA	3000K	870	18.6	13	2	16	90+	70-08-0700-XXX-XX
700 mA	3000K	870	18.6	13	2	12	90+	70-06-0700-XXX-XX
700 mA	3000K	870	18.6	13	1	12	90+	66-12-0700-XXX-XX
1000 mA	3000K	1270	18.7	19	1	9	90+	66-09-1000-XXX-XX

*For 4000K lumen values multiply 1.07

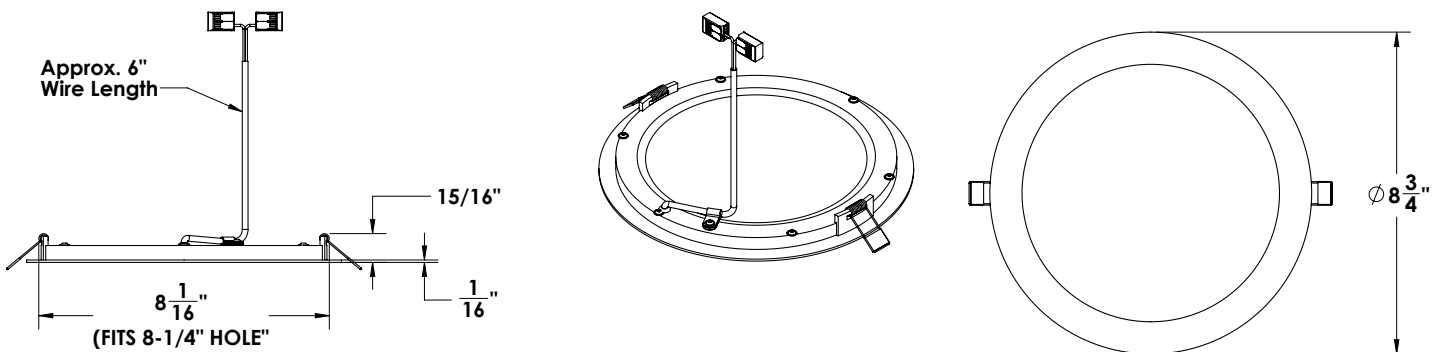
Construction & Materials

Dimensions Round	8 3/4" D x 1 5/16" H
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
Ceiling Cutout	8 1/4"

Certifications & Qualifications

TUV Certified to UL 1598	Yes
IC Rated	Yes
AT Rated	Yes
Suitable for Wet Locations	Yes
RoHS Compliant	Yes

Mechanical Specifications



For more information, please contact:

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LS0218 / TDL8 Downlight



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