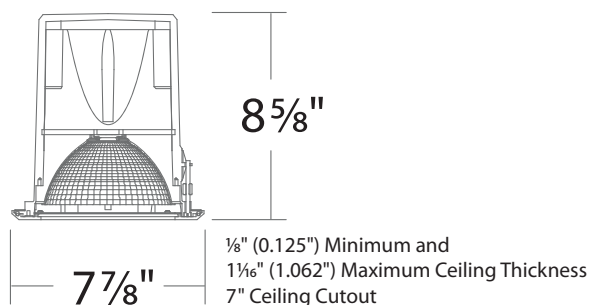


DL36R: 6" VANDAL RESISTANT RECESSED DOWNLIGHT (IP67) - 1100LM/1500LM/2000LM (14W/14W/34W)



- Outdoor rated IP67 Available with Shatter Proof Polycarbonate Lenses
- Energy efficient, low glare LED Chip-On-Board light engine
- Singular COB Light Source
- 5-year limited warranty

ORDERING : DL36RW-L12-FR-T27

DL36R

Fixture	Finish	Lumens	Lens	Dimming	LED	CRI			
Finish		Lumens		Dimming		LED		CRI	
White	W	2000lm (34W)	Blank	Non-Dimming (120V)	Blank	2700K	-T27	80 CRI	Blank
Black	B	1100lm (14W)	-L12	UniDim™ (120V/277V)	UE-DUN	3000K	-T30	90 CRI	-C90
Silver	S	1500lm (14W)	-L15	347V, 0-10V Dimming	-347-D10	3500K	-T35		
Bronze	BZ					4000K	-T40		
						5000K	-T50		
						5600K	-T56		
						6500K	-T65		
		Lens							
		Clear Tempered Glass	Blank						
		Frosted Tempered Glass	-FR						
		Clear Polycarbonate	-PC						

347V Input with 0-10v Dimming available. Consult factory for lead times.

DL36R : 6" VANDAL RESISTANT

RECESSED DOWNLIGHT (IP67) - 1100LM/1500LM/2000LM (14W/14W/34W)

SPECIFICATION

Application

Architectural-grade recessed LED downlight housing for medium to high ceilings combines energy efficiency with powerful lumen output. Perfect for atriums, churches, lobbies, and airports that have high ceilings.

Housing

Constructed from a round one piece high grade die cast aluminum with a powder coat finish. Includes COB LED and reflector, (3) screw down mounting clips and a cable gland with cord. A housing safety cable is secured to faceplate. Fixture also includes an LED driver.

Mounting:

Housing suitable for existing or new construction installation. Supplied with screw down mounting clips, designed to secure the fixture to an existing flat surface. Mounting Pan with hanger bars are available. Consult Factory. Suitable for concrete pour.

Faceplate

Constructed from a round one piece high grade die cast aluminum with a powder coat finish. Includes a clear tempered glass lens and silicone gasket. Faceplate is secured to the housing by three (3) tamper resistant stainless steel screws. A safety cable from the housing is secured to the faceplate for easy installation of the fixture.

Reflector Construction

One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming

(-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers. 347V, 0-10V Dimming available.

Electrical

AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Caution

LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Insulation

IC rated housing rated for direct contact with loosefill blown and rolled insulation.

DL36R : 6" VANDAL RESISTANT

RECESSED DOWNLIGHT (IP67) - 1100LM/1500LM/2000LM (14W/14W/34W)

SPECIFICATION (Continued)

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Certifications and Listings

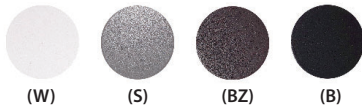


ETL/cETL Listed. Suitable for wet location (IP67) and poured concrete. Assembled in USA. Dark Sky compliant.

Thermal Temperature

Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Finish



A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Available in White, Black, Silver, and Bronze.

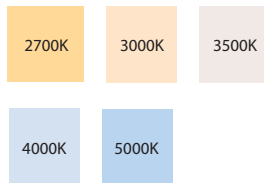
Standard Finishes:

White: *RAL 9003* (W)
Silver: *RAL 7037* (S)
Basic Bronze: *RAL 8019* (BZ)
Black: *RAL 9005* (B)

Lens

Available in Clear Tempered Glass, Frosted Tempered Glass and Clear Polycarbonate.

LED



Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 2700K, 3000K, 3500K, 5000K, 5600k and 6500K.

DL36R: 6" VANDAL RESISTANT

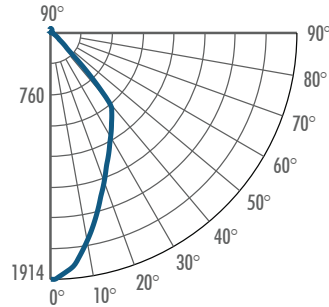
RECESSED DOWNLIGHT (IP67) - 1100LM/1500LM/2000LM (14W/14W/34W)

PHOTOMETRY

DL36RW-T50 - 30W/2000LM - 5000K

System Power	:34.2W	Multipliers	
Test Date	:7/2017	4000K	1.00
Beam Angle 50%	:56.7°	3500K	0.99
Field Angle 10%	:91.1°	3000K	0.97
Color Temperature	:5108K	2700K	0.95
CRI	:86.6		
R9 Value	:29.5		
Lumens Delivered	:1887lm		
CBCP	:1895cd		
Power Factor	:0.99		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	3.5'	177.9
6.6'	7.1'	44.5
9.8'	10.6'	19.8
13.1'	14.2'	11.1
16.4'	17.7'	7.1