

LED Luminaires

Push Lens Retrofit Slim Downlight

- Field Adjustable CCT with PUSH Lens Technology
- Retrofit or New Construction Mounting Options
- Smooth or Baffle Non-Conductive Trims
- 120V Triac Dimmable



Specifications



Description

Halco's PUSH Lens Retrofit Slim Downlight Series offers easy installation and maintenance with new white light selection technology. Selecting the right color temperature for a space has never been easier. Just push the center of the lens to select from one of five color temperature options. No need to remove the fixture from the ceiling anymore to change the color. Install the smooth or baffled trimmed canless fixtures in any new construction application. Easy to install, easy to modify, and full of features, the PUSH Lens Retrofit Slim Downlight Series will make your next lighting project a success.

Performance

- Selectable Color Temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- 93 - 98 Lumens per watt
- 90+ CRI
- L70 Lumen Maintenance > 50,000 Hours
- 5 Year Limited Warranty

Applications

- Residential
- K-8 Schools, Colleges and Universities
- Multi-Family Apartments
- Hospitality
- Healthcare

Construction

- Plastic housing
- Diffused PC Lens
- 4" Fixture - friction clips installation
- 6" Fixture - torsion spring installation
- Pushbutton lens changes CCT
- Smooth or Baffle trim options

Certifications

- UL for Wet Location
- Energy Star Downlight V1.0
- RoHS compliant
- FCC
- California Title 20, Title 24 & JA8 Compliant

Push Lens Retrofit Slim Downlight

Ordering Logic:

Series	Size	CCT	Trim Style	Voltage
PUSH-RSD = Retrofit Slim Downlight w/Push Lens Selectable CCT	4 = 4" Round 6 = 6" Round	CS = Color Selectable, 90CRI, 2700K, 3000K, 3500K, 4000K, 5000K	BT = Baffle Trim ST = Smooth Trim	120V = 120V 50/60Hz, Triac Dimming

Ordering Information

Product SKU	Product Code	Product Description	Equiv Watts	Energy Star ID
89231	PUSH-RSD-4-CS-BT-120V	LED Retrofit Slim Downlight 4in, Baffle Trim, 8W, 700 Lumen, Push Lens for CCT Select 27/30/35/40/50, 90CRI, 120V Triac Dim	60	4481109
89232	PUSH-RSD-4-CS-ST-120V	LED Retrofit Slim Downlight 4in, Smooth Trim, 8W, 700 Lumen, Push Lens for CCT Select 27/30/35/40/50, 90CRI, 120V Triac Dim	60	4481109
89233	PUSH-RSD-6-CS-BT-120V	LED Retrofit Slim Downlight 6in, Baffle Trim, 10W, 900 Lumen, Push Lens for CCT Select 27/30/35/40/50, 90CRI, 120V Triac Dim	75	4481111
89234	PUSH-RSD-6-CS-ST-120V	LED Retrofit Slim Downlight 6in, Smooth Trim, 10W, 900 Lumen, Push Lens for CCT Select 27/30/35/40/50, 90CRI, 120V Triac Dim	75	4481111

Performance Table

SKU	Product Code	Wattage	2700K		3000K		3500K		4000K		5000K	
			Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)
89231	PUSH-RSD-4-CS-BT-120V	8	692	93	701	94	719	97	717	96	722	97
89232	PUSH-RSD-4-CS-ST-120V	8	703	94	711	95	728	98	726	97	732	98
89233	PUSH-RSD-6-CS-BT-120V	10	879	93	891	94	914	97	915	96	932	98
89234	PUSH-RSD-6-CS-ST-120V	10	887	93	899	94	922	96	925	96	937	98

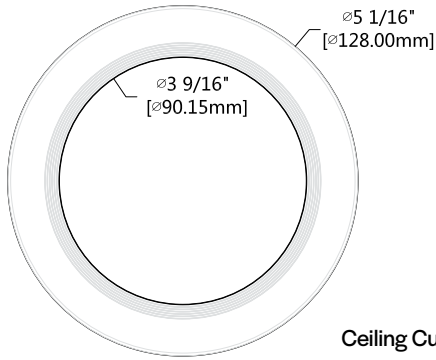
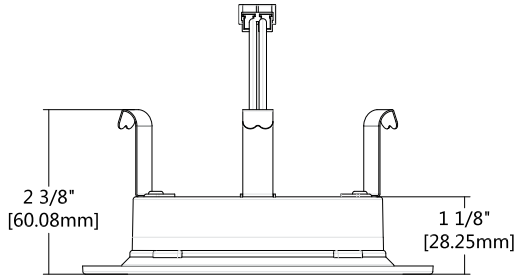
Dimmer Compatibility List

Dimmer Brand	Series	Dimmer Model
LEVITON	Illumena Tech	R50-IPL06-10M
LEVITON	Sureslide	Cat.NO.6674
LEVITON	SureSlide	NO.6672
LUTRON	Diva C-L	DVCL-153P
LUTRON	Diva C-L	DVWCL-153PH-WH
LUTRON	Maestro C-L	MACL-153M
LUTRON	Skylark	CTCL-153PDH-WH
LUTRON	Skylark C-L	SCL-153P
LUTRON	Toggler	TGCL-153PH-WH

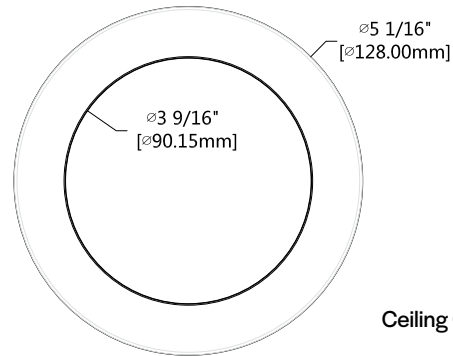
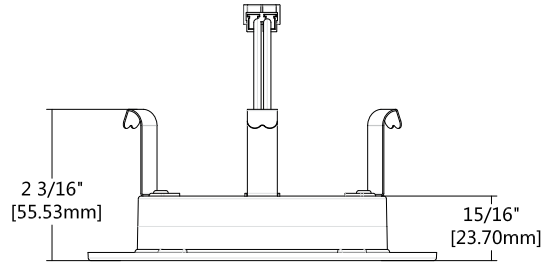
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 TYPE: _____ PROJECT: _____
 CATALOG #: _____

Push Lens Retrofit Slim Downlight Dimensions

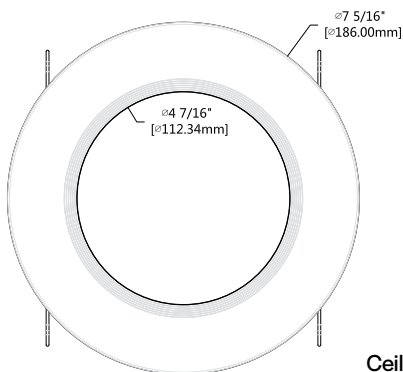
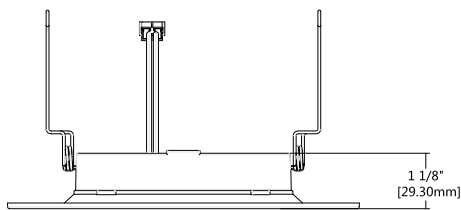
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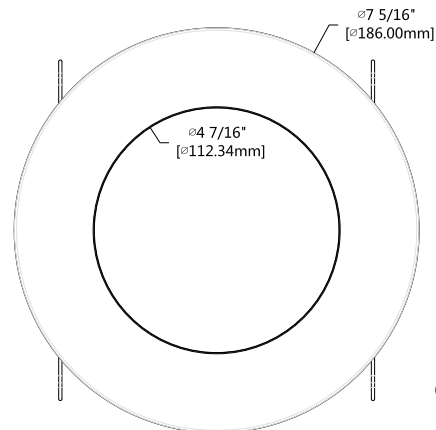
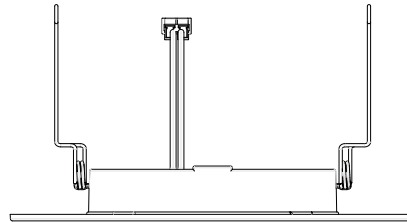
PUSH-RSD-4-CS-ST-120V



PUSH-RSD-6-CS-BT-120V



PUSH-RSD-6-CS-ST-120V



Push Lens Retrofit Slim Downlight Specifications Table

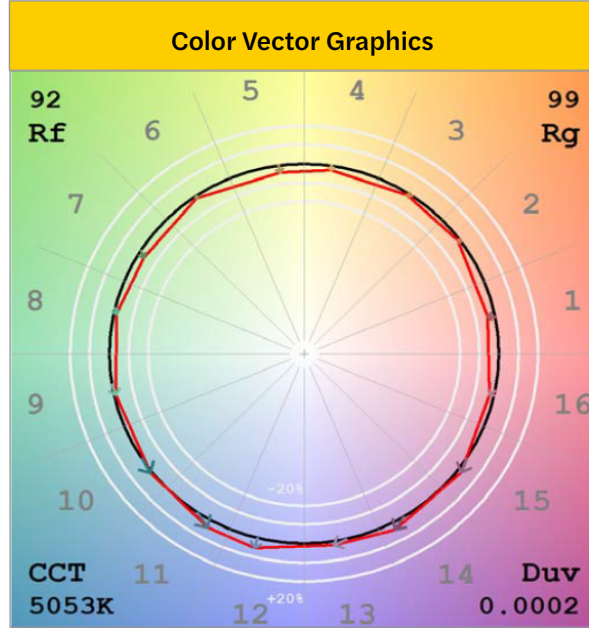
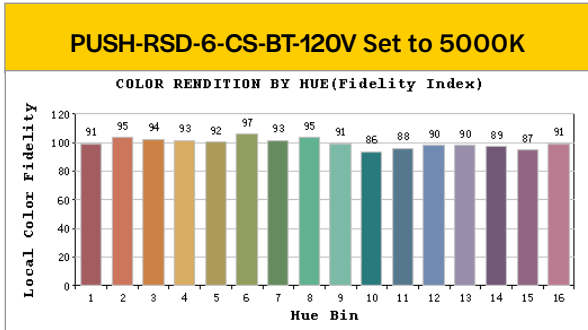
	PUSH-RSD-4-CS-BT-120V	PUSH-RSD-4-CS-ST-120V	PUSH-RSD-6-CS-BT-120V	PUSH-RSD-6-CS-ST-120V
Nominal Wattage	8W	8W	10W	10W
Delivered Lumens	700	700	900	900
Efficacy (lm/W)	88	88	90	90
CCT	Selectable 2700K, 3000K, 3500K, 4000K or 5000K	Selectable 2700K, 3000K, 3500K, 4000K or 5000K	Selectable 2700K, 3000K, 3500K, 4000K or 5000K	Selectable 2700K, 3000K, 3500K, 4000K or 5000K
CRI	90	90	90	90
L70 Lifetime (hrs)	50,000	50,000	50,000	50,000
Voltage	120V	120V	120V	120V
Power Factor	0.9	0.9	0.9	0.9
Dimming	Yes (Triac)	Yes (Triac)	Yes (Triac)	Yes (Triac)
Housing Material	Plastic	Plastic	Plastic	Plastic
Lens	PC	PC	PC	PC
Operating Temperature Min	-20° C (-4° F)	-20° C (-4° F)	-20° C (-4° F)	-20° C (-4° F)
Operating Temperature Max	40° C (104° F)	40° C (104° F)	40° C (104° F)	40° C (104° F)
Listings	UL/FCC/ES/T20/T24	UL/FCC/ES/T20/T24	UL/FCC/ES/T20/T24	UL/FCC/ES/T20/T24
Environment	Wet Location	Wet Location	Wet Location	Wet Location
Warranty (Years)	5	5	5	5

LED Luminaires

Push Lens Retrofit Slim Downlight

Photometric Information

89233 PUSH-RSD-6-CS-BT-120V_5000K_20W



Information	
RF	92
RG	99

Zonal Lumen Summary

Zonal	Lumens	% Fixture
0° - 10°	35	4%
10° - 20°	93	10%
20° - 30°	139	15%
30° - 40°	165	18%
40° - 50°	169	18%
50° - 60°	150	16%
60° - 70°	111	12%
70° - 80°	60	6%
80° - 90°	11	1%
0° - 90°	932	100%

