

GENERAL INFORMATION

USE OF PRODUCT

The 6" Builders Plus LED Commercial Downlight series is the ideal product for energy-efficient lighting in Non-IC commercial applications. Features color temperature and lumen selectability. Deep cone reflector designed for anti-glare purposes.

BUILDERS PLUS FEATURES

Lumen Selectable:

LS07- 700 lm, 910 lm, 1340 lm, 1680 lm, 1850 lm

LS2- 2300 lm, 3000 lm, 3570 lm

Color Temperature Selectable:
2700K, 3000K, 3500K, 4000K, 5000K

Color Rendering Index: 84+ CRI

Optical Lens: LS07 (70° standard) LS2 (75° standard)

LED Life: 50,000 hours

Driver Info: 120–277V; 50/60 Hz

Operating Temperature: -30°C–40°C

LED ENGINE

LED engine available in 5CTS 2700K, 3000K, 3500K, 4000K, 5000K (LS07 and LS2) and 3CTS 3000K, 3500K, 4000K (LS4) in 84+ CRI. Color temperature may be modified in field. Optional locking mechanism available. LED mounted to aluminum heat sink for maximum life output and thermal management.

MOUNTING

Mounting clip attached to reflector for easy installation and ability to remove fixture from below the ceiling.

DIMMING

LED driver accommodates 120–277V input with 0–10V dimming protocol. Fixture available in three selectable lumen packages. LS07 (700 lm, 910 lm, 1340 lm, 1680 lm, 1850 lm), and LS2 (2300 lm, 3000 lm, 3570 lm). Lumens may be modified in field or optional lumen locking mechanism available upon request.

TRIM

Self-flanged spun aluminum reflector with frosted lens to shield direct view from LEDs. Reflector available in haze finish with white trim.

EMERGENCY BATTERY

Optional emergency battery available for a minimum of 90 minutes with both integral or remote test switch in 800 delivered lumens.

INSTALLATION

Non-IC housing. Insulation must be kept at least 3" away from fixture.

LABELS/COMPLIANCE

- cUL listed
- Energy Star
- Title 24
- Wet location
- 5-year limited warranty

ORDERING INFORMATION

SERIES	HOUSING	LUMENS	COLOR TEMPERATURE SHIFT	REFLECTOR	TRIM
RBC6	FR - Remodel/Retrofit Frame	LS07¹ - Lumen Selectable (700, 910, 1340, 1680, 1850, lm) LL07 - Lumen Locked at 700 lm LL09 - Lumen Locked at 910 lm LL13 - Lumen Locked at 1340 lm LL16 - Lumen Locked at 1680 lm LL19 - Lumen Locked at 1850 lm LS2² - Lumen Selectable (2300, 3000, 3400 lm) LL23 - Lumens Locked at 2300 lm LL30 - Lumens Locked at 3000 lm LL34 - Lumens Locked at 3400 lm	5CTS - Color Temp. Selectable (2700K, 3000K, 3500K, 4000K, 5000K) CT27 - Locked at 2700K CT30 - Locked at 3000K CT35 - Locked at 3500K CT40 - Locked at 4000K CT50 - Locked at 5000K 5CTS - Color Temp. Selectable (2700K, 3000K, 3500K, 4000K, 5000K) CT27 - Locked at 2700K CT30 - Locked at 3000K CT35 - Locked at 3500K CT40 - Locked at 4000K CT50 - Locked at 5000K	W - White H - Haze	W - White

OPTIONS

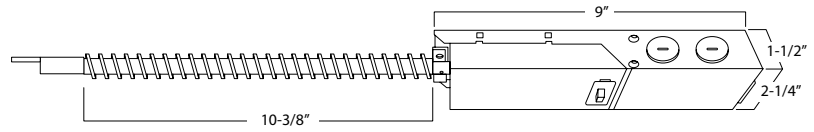
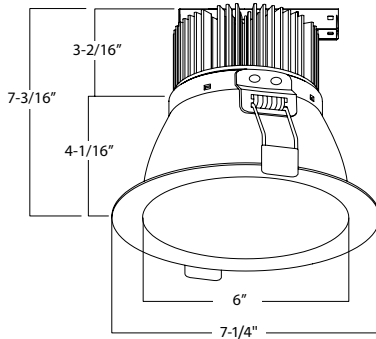
- EI8W** - Emergency Battery with Integral Switch (8 Watts)
- ER8W** - Emergency Battery with Remote Switch (8 Watts)
- EI15W** - Emergency Battery with Integral Switch (15 Watts)
- ER15W** - Emergency Battery with Remote Switch (15 Watts)

Notes

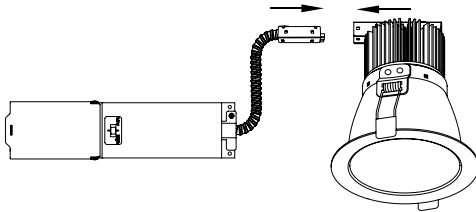
1. Lumen selectable between 700 lm, 910 lm, 1330 lm, 1680 lm, 1940 lm. Lumens may be modified in field.
2. Lumen selectable between 2300 lm, 3000 lm, 3570 lm. Lumens may be modified in field.
3. Lumen selectable between 4000 lm, 4500 lm, 5100 lm. Lumens may be modified in field.



DIMENSIONS



RETROFIT ASSEMBLY



Driver with J-Box + Light Module + Reflector

WATT/LUMEN CHART

	Wattage	Lumens	CRI	Switch
LS07	9W	700 lm	84+	Low
	12W	910 lm	84+	Low
	18W	1340 lm	84+	Medium
	25W	1680 lm	84+	High
	29W	1850 lm	84+	High
LS2	29W	2300 lm	84+	Low
	39W	3000 lm	84+	Medium
	48W	3570 lm	84+	High

*Lumens values are rounded.
Exact photometric data is available in the IES files.

LIST OF COMPATIBLE DIMMERS

(120/277V 0-10 Dimming)

MFR	MODEL#	DIMMING RATE
Lutron	NFTV	1-100%
Lutron	NTSTV-DV	1-100%
Legrand	CD4FBLW	1-100%