PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

Multi-Mode Commercial Downlight Series

Wattage & CCT Selectable



4 inch



6 inch





8 inch

CMax CONTROLS COMPATIBLE



10 inch

Product Description

The Universal Commercial Downlight is an economical, all-in-one solution for hospitality, retail, office, and other commercial recessed lighting applications. Designed with an integral whip that connects directly to a junction box (existing or independently mounted), the downlight features a universal driver that eliminates the need for traditional recessed housing, helping save installation time and labor. Combining 5 CCT selections and 3 wattage options in one product, it offers greater flexibility. Ideal for new construction, remodel, and retrofit projects, the slim-profile design fits shallow ceiling spaces with ease. The white baffle trim blends seamlessly into interior spaces while reducing glare for soft, comfortable illumination.

Features:

- Available in 4, 6, 8, and 10 inch sizes
- Field Selectable Wattage
- ≥90 CRI and CCT Selectable: 2700K/3000K/3500K/4000K/5000K
- Dimming: TRIAC/ELV with 12V & 0-10V
- IC Rated and Wet Location Listed
- Beam angle up to 95°
- Can be installed as a new fixture or as a retrofit
- Integrated 12V auxiliary wire for controls compatibility
- Extra-wide flange helps cover oversized ceiling openings
- Optional field-installable Emergency Battery Backup Kit available (includes a test switch and the charge indicator kit, no cover)
- Long-life LEDs with low maintenance

Ordering Information

FAMILY	—	SIZE	TECHNOLOGY	WATTAGE SELECTABLE	CCT SELECTABLE	SOURCE
RCF2	—	**4 =** 4″	**M=** TRIAC/ELV & 0-10V Dimming	**06W =** 6W/8W/10W	**CS=** Color Selectable: 2700K/3000K/ 3500K/4000K/5000K	**BLANK=** Non-TAA Compliant
		6 = 6″		**05W =** 5W/7W/9W **10W =** 10W/17W/21W		**TA =** TAA Compliant
		8 = 8″		**05W =** 5W/8W/10W **16W =** 16W/24W/30W		
		10 = 10″		**24W =** 24W/30W/37W		

All products set at 4000K and lowest wattage

Stock TAA Items

ORDER CODE	MODEL NUMBER	ES ID NUMBER
114400	RCF2-4M06WCSTA	4682334
114401	RCF2-6M05WCSTA	4682354
114402	RCF2-6M10WCSTA	4682374

ORDER CODE	MODEL NUMBER	ES ID NUMBER
114403	RCF2-8M05WCSTA	4682394
114404	RCF2-8M16WCSTA	4682414
114405	RCF2-10M24WCSTA	4682434

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Accessories (Sold Separately)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
113395	CDFK-4-10IN/2PKTA	COMMERCIAL DOWNLIGHT FRAME KIT, NEW CONSTRUCTION, 4", 6", 8" & 10" SIZE - 2 PACK - TAA	
100298	EBUUP15007N0100	EMERGENCY BATTERY BACK UP INVERTER, 15W, 100-347V, CEC COMPLIANT, FIELD INSTALLABLE **– COMPATIBLE WITH ALL RCF2 TAA AND NON TAA MODELS –**	
108663	RCF-XTRIM8	GOOF RING, DOWNLIGHT, 8.75" TO 12.5" COVERAGE HOLE, MAXIMUM CEILING CUTOUT 10-5/16" **- COMPATIBLE WITH 8IN AND 10IN DOWNLIGHT -**	
105172	RCF-XTRIM10	GOOF RING, DOWNLIGHT, 8.5" TO 15" COVERAGE HOLE **- COMPATIBLE WITH 8IN AND 10IN DOWNLIGHT -**	

Dimmer List

TYPE	MANUFACTURER	MODEL NUMBER
0-10V	LUTRON	DVTV
	LEVITON	IP710-LFZ
	LEVITON	DVSTV-WH
	COOPER	DF10PC1
TRIAC	LUTRON	MACL-153M
	LUTRON	SCL-153P
	LEVITON	Cat.NO.6674
	LUTRON	DVCL-153P
	LEGRAND	DCL453PTCCCV6
	LEGRAND	HCL453PTCCCV6
	LEVITON	R50-IPL06-10M
	LUTRON	DVWCL-153PH-WH

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Multi-Mode Commercial Downlight Series

Wattage & CCT Selectable

Specifications:

		RCF2-4M06WCS	RCF2-6M05WCS	RCF2-6M10WCS	RCF2-8M05WCS	RCF2-8M16WCS	RCF2-10M24WCS
Power Consumption (W)		6W/8W/10W	5W/7W/9W	10W/17W/21W	5W/8W/10W	16W/24W/30W	24W/30W/37W
Lumens Delivered (lm)	**2700K**	600/800/1080	500/700/972.6	1000/1800/2439	500/800/1051	1800/2700/3507	2800/3500/4400
	3000K	600/800/1145	500/700/1035	1000/1800/2485	500/800/1069	1800/2700/3590	2800/3500/4521
	3500K	600/800/1166	500/700/1059	1000/1800/2523	500/800/1083	1800/2700/3649	2800/3500/4630
	4000K	600/800/1164	500/700/1061	1000/1800/2502	500/800/1079	1800/2700/3639	2800/3500/4622
	5000K	600/800/1130	500/700/1002	1000/1800/2396	500/800/1029	1800/2700/3456	2800/3500/4411
Beam Angle		85°	90°	90°	95°	95°	95°
Efficacy (lm/W)		≥100					
CRI		≥90					
Color Temperature (CCT)		Color Selectable – 2700/3000K/3500K/4000K/5000K					
L70 Lifetime (hours)		50,000 Hours					
Color Consistency		Proprietary binning for uniform color					
Power Factor		≥0.9 at 120V & ≥0.8 at 277V	≥0.9 at 120V & ≥0.8 at 277V	≥0.9 at 120V/277V	≥0.9 at 120V & ≥0.8 at 277V	≥0.9 at 120V/277V	≥0.9 at 120V/277V
THD		≤ 6% at 120 & ≤ 29% at 277V	≤ 12% at 120V & ≤ 39% at 277V	≤ 8.3% at 120V & ≤ 17.3% at 277V	≤ 9.2% at 120V & ≤ 28.1% at 277V	≤ 9.3% at 120V & ≤ 16.1% at 277V	≤ 9.4% at 120V & ≤ 16.7% at 277V
Input Voltage		120-277V					
Compatible Dimmers		See Compatible Dimmers List					
Mounting		Direct to ceiling					
Operating Temperature		-4°F - 104°F (-20°C - 40°C)					
Certification		ETL, FCC, T24 - JA8 High Efficacy Lighting					
Material Usage		RoHS compliant; no mercury					
Environment		Wet Locations, IC rated					
Warranty		5 years. Check maxlite.com/warranties for details					

All products are set at 4000K and to the lowest wattage

EBUUP15007N0100 - BBU Lumen Output Data

MODELS	SETTING WATTAGE	MIN LUMEN OUTPUT RATINGS	DOWNLIGHT SIZE
RCF2-4M06WCS	6W/8W/10W	600/800/1,000 lm	4″
RCF2-6M05WCS	5W/7W/9W	500/700/900 lm	6″
RCF2-6M10WCS	10W/17W/21W	1,000/1,400/1,400 lm	6″
RCF2-8M05WCS	5W/8W/10W	500/700/900 lm	8″
RCF2-8M16WCS	16W/24W/30W	2,000 lm (All Wattage Settings)	8″
RCF2-10M24WCS	24W/30W/37W	2,000 lm (All Wattage Settings)	10″

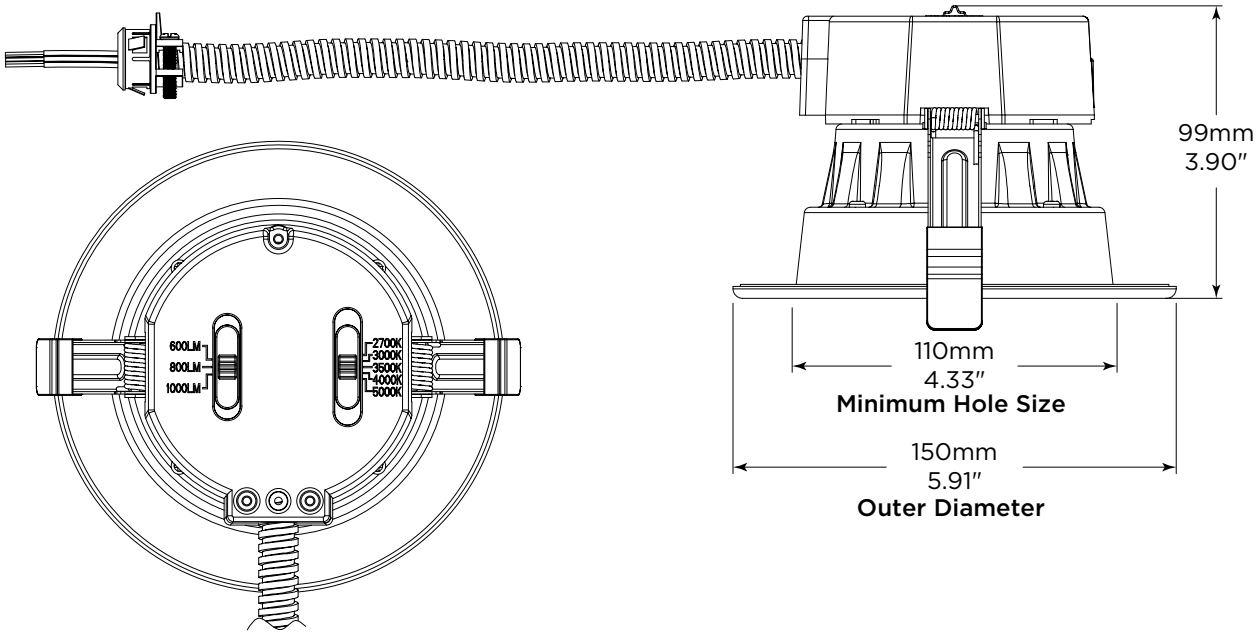
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Multi-Mode Commercial Downlight Series

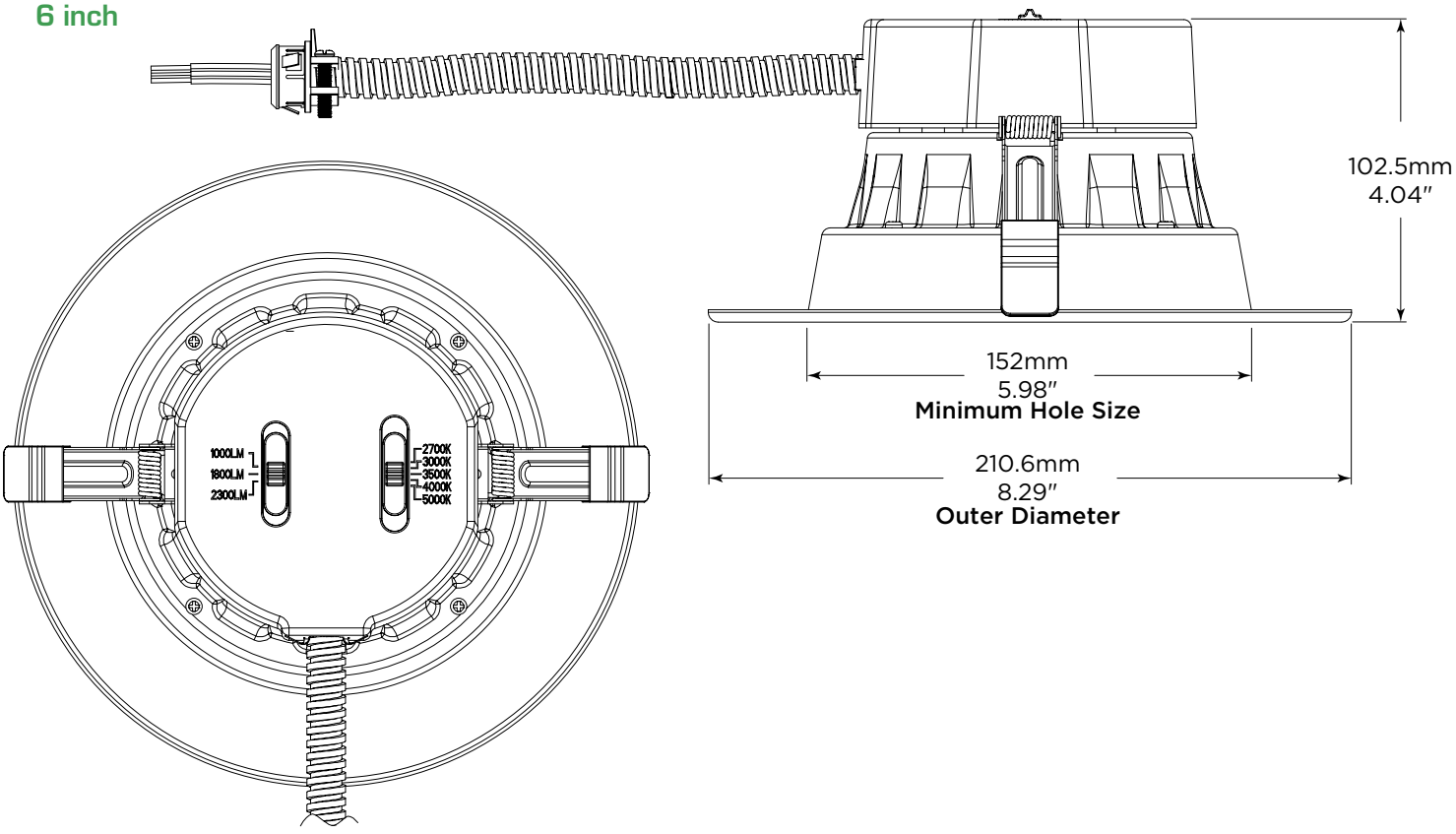
Wattage & CCT Selectable

Product Dimensions

4 inch



6 inch



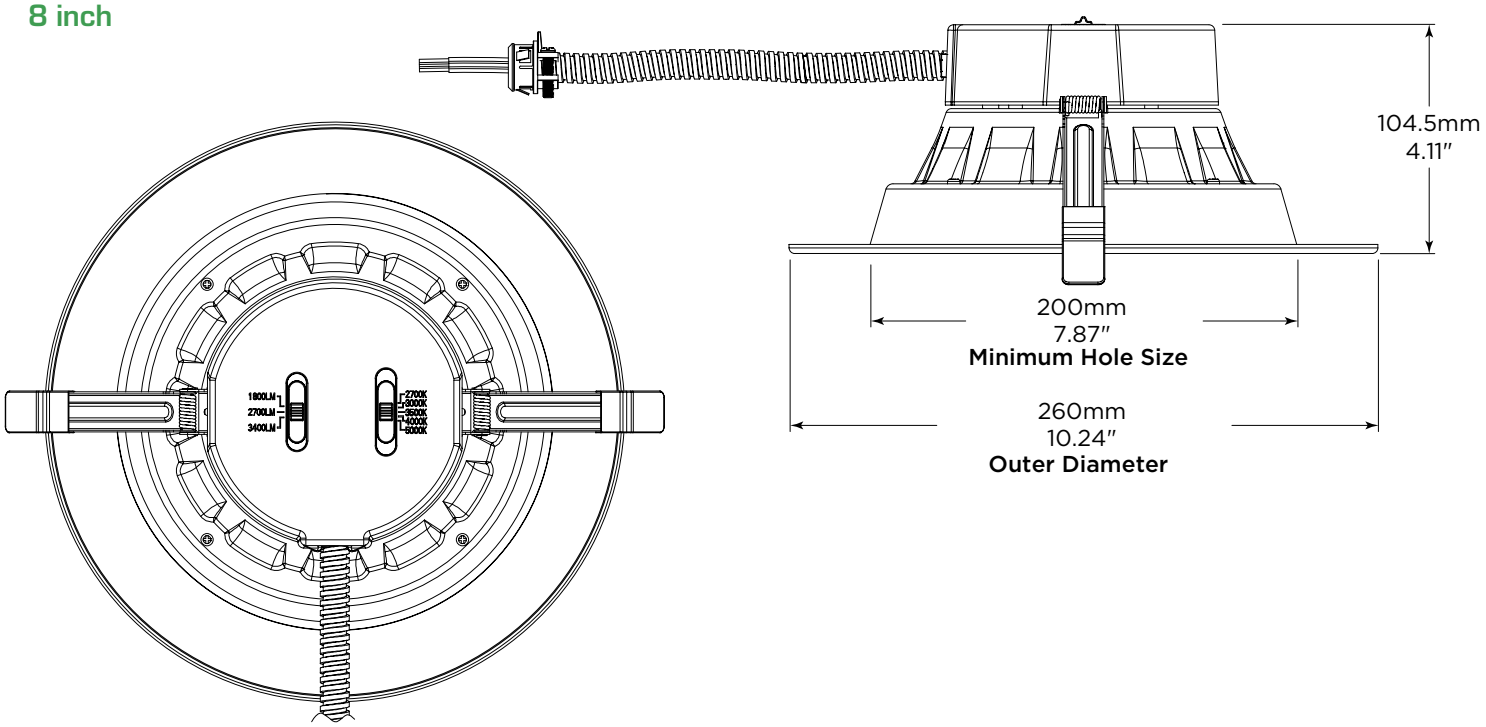
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Multi-Mode Commercial Downlight Series

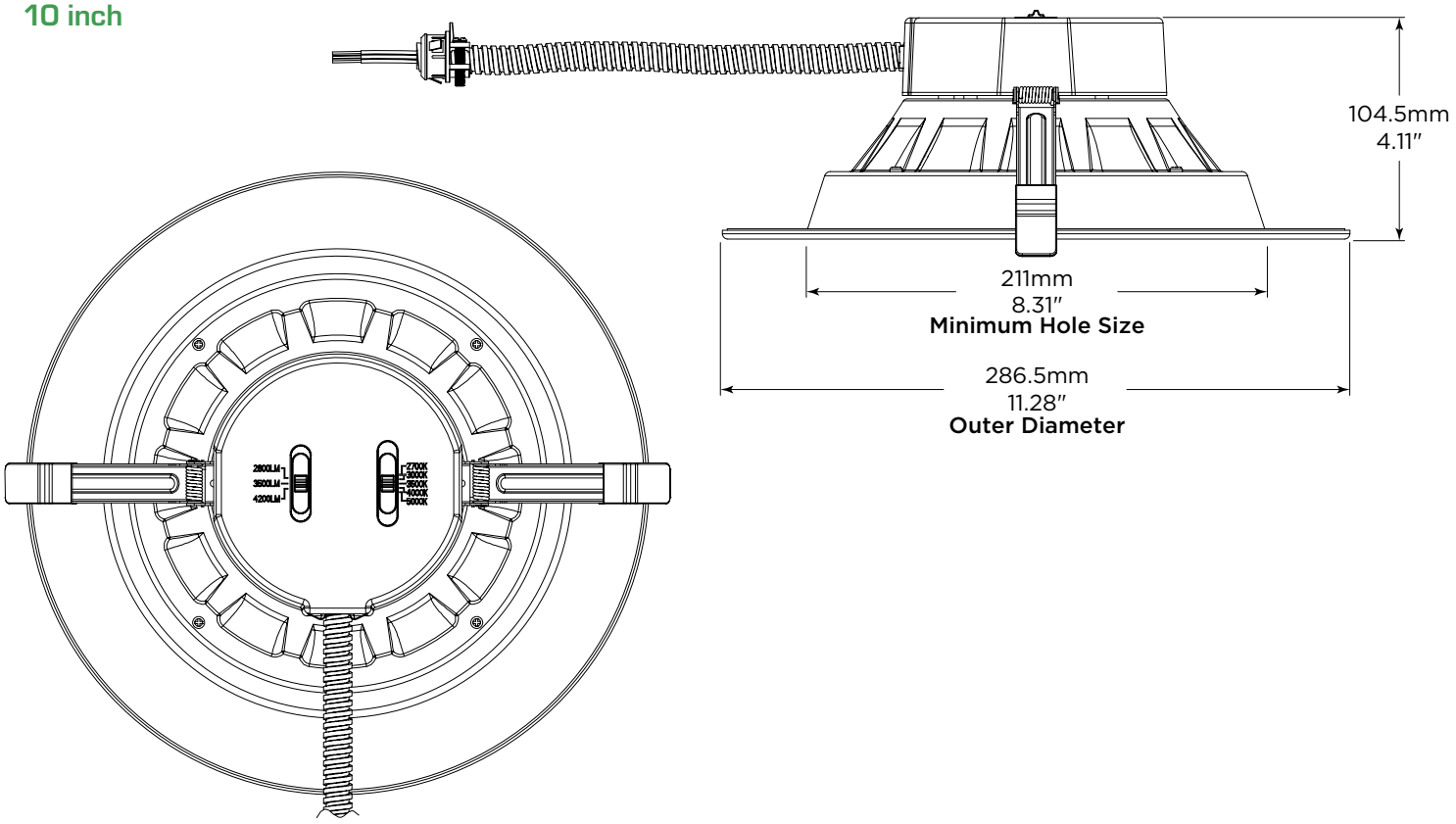
Wattage & CCT Selectable

Product Dimensions

8 inch



10 inch



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