

PROJECT NAME: _____ CAT. #: _____
NOTES: _____ FIXTURE SCHEDULE: _____

Multi-Mode Commercial Downlight Series

Wattage & CCT Selectable



6"



8"

Product Description

The RCF Multi-mode Universal Commercial downlight combines 5 CCTs and 3 Wattages in one product, and features multiple dimming modes (0-10V, TRIAC and ELV), with 12V output making it c-Max controls compatible. Easy to install in new construction, remodel and retrofit projects, with a slim body that fits into shallow ceilings, this Energy Star 1.0 qualified product is an all-in-one solution for adding recessed downlighting to hospitality, retail, office and other commercial lighting applications.

Features

- CCT Selectable: 2700/3000K/3500K/4000K/5000K
- Qualified as a fixture and a retrofit
- Mounts directly into ceiling, no housing required
- Extra wide flange to cover oversize openings
- Input Voltage: 120-277V
- Dimming: TRIAC/ELV with 12V & 0-10V
- Beam angle: 100°
- CRI: >90
- IC rated
- Field installable Emergency Battery back up kit available (includes a test switch and the charge indicator kit, no cover)
- 12V Aux output to work with c-Max network controls

Ordering Information

FAMILY	SIZE	TECHNOLOGY	WATTAGE SELECTABLE	CCT SELECTABLE
RCF	6= 6"	M= TRIAC & 0-10V Dimming	9W= 10W/17W/21W	CS= Color Selectable 2700K/3000K/3500K/4000K/5000K
	8= 8"		16W= 16W/24W/30W	

All products need set on 4000K and lowest wattage

Accessories – (Sold Separately)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
113925	RCF6M-BKTRIMTA	6 INCH, BLACK SMOOTH TRIM	
113926	RCF8M-BKTRIMTA	8 INCH, BLACK SMOOTH TRIM	
113927	RCF6M-STRIMTA	6 INCH, SILVER SMOOTH TRIM	
113928	RCF8M-STRIMTA	8 INCH, SILVER SMOOTH TRIM	
109999	CDFK-4-10IN/2PK	COMMERCIAL DOWNLIGHT FRAME KIT, NEW CONSTRUCTION, 4", 6", 8" & 10" SIZE - 2 PACK	
108566	EBUUP17015N200B	EMERGENCY INVERTER, 15W, 120-347VAC, CEC COMPLIANT, FIELD INSTALLABLE	
108663	RCF-XTRIM8	GOOF RING, COMPATIBLE WITH RCF8M16WCSTA, 8.75" TO 12.5" COVERAGE HOLE	
105172	RCF-XTRIM10	GOOF RING, COMPATIBLE WITH RCF8M16WCSTA, 8.5" TO 15" COVERAGE HOLE	

Stock TAA Items

ORDER CODE	MODEL NUMBER	ES ID NUMBER
111696	RCF6M9WCS	3550188
111689	RCF8M16WCS	3550191



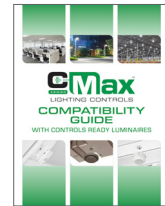
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Dimmer List

MANUFACTURER	MODEL NUMBER	TYPE	VOLTAGE	MANUFACTURER	MODEL NUMBER	TYPE	VOLTAGE
COOPER	DF10PC1	0-10V	120-277V	LEVITON	CAT.NO.6674	TRIAC	120V
LEVITON	IP710-LFZ			LEVITON	R50-IPL06-10M		
LEVITON	DVSTV-WH			LUTRON	MACL-153M		
LUTRON	DVTV			LUTRON	SCL-153P		
LEGRAND	RHCL453PTC	TRIAC	120V	LUTRON	DVCL-153P		
LEGRAND	DCL453PTCCCV6			LUTRON	CTCL-153PDH-WH		
LEGRAND	HCL453PTCCCV6			LUTRON	DVWCL-153PH-WH		

c-Max Controls Micro-sites and Compatibility Guide



Product Compatibility Guide

Compatible Controls (Sold Separately)+

The table below shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsites above for more accessories that could be added based on application requirements.

ORDER CODE	MODEL NUMBER & LINK TO DATA SHEET	DESCRIPTION	QR CODE TO DATA SHEET	IMAGE
c-Max Network				
105895	NN-MGT	NETWORK NODE MAGNET, TRANSLUCENT		
109111	WNS3-W	3 BUTTON WALL NETWORK SWITCH (BLUETOOTH) WHITE		
108392	WNS5-W	5 BUTTON WALL NETWORK SWITCH (BLUETOOTH) WHITE		
111401	WNS8-W	NETWORK CONTROLS (BLUETOOTH) 8 BUTTON WALL SWITCH WHITE		
107791	CNSL-PSW	C-MAX NETWORK SENSOR 12V, BLUETOOTH/ PIR MOTION SENSOR / DAYLIGHT HARVEST, WHITE		
110750	PPA-06A	12V POWER PACK, 6A, 120-277V		
c-Max Network Partners - Silvoir				
112395	NN-MGT-SL	SILVAIR NETWORK NODE MAGNET, TRANSLUCENT		
c-Max Network Partners - Casambi				
112634	NN-MGT-CA	CASAMBI NETWORK NODE MAGNET, TRANSLUCENT		

* Note - This controls ready fixture is compatible with the c-Max platform supporting multiple tiers of controls. The table above shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsite above for more accessories that could be added based on application requirements



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Specifications

Specifications		RCF6M9WCS	RCF8M16WCS
Power Consumption (W)		10W/17W/21W	16W/24W/30W
Lumens Delivered (lm)	2700K	1000/1800/2300	1800/2700/3400
	3000K		
	3500K		
	4000K		
	5000K		
BBU Delivered Lumens EBUUP17015N200B		10W - 600 lm 17W - 1,100 lm 21W - 1,400 lm	16W - 1,100 lm 24W - 1,600 lm 30W - 1,600 lm
Efficacy (lm/W)		≥100	
CRI		≥90	
Color Temperature (CCT)		Color Selectable - 2700/3000K/3500K/4000K/5000K (4000K Default)	
L70 Lifetime (hours)		50,000 Hrs	
Color Consistency		Proprietary binning for uniform color	
Power Factor		≥0.9	
Input Voltage		120-277V	
Surge Protection		1,000V AC	
Compatible Dimmers		See Compatible Dimmers List	
Mounting		Direct to ceiling	
Housing		Aluminum	
Operating Temperature		-4°F -104°F (-20°C - 40°C)	
Certification		ETL, FCC	
Material Usage		RoHS compliant; no mercury	
Environment		Wet Locations, IC rated	
Warranty		5 years	

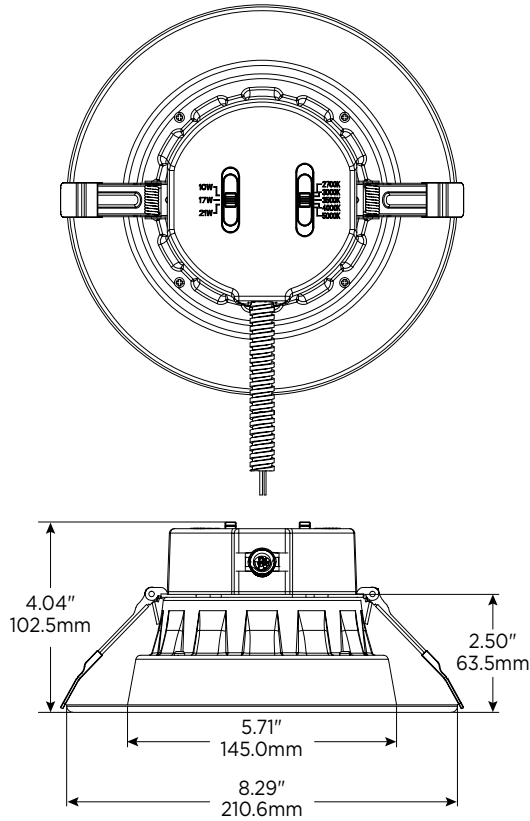
All products are set at 4000K and to the lowest wattage

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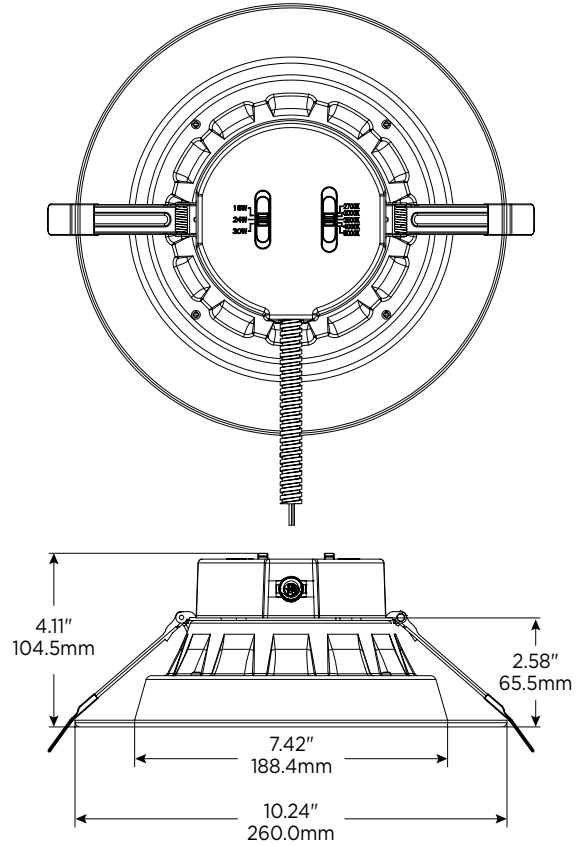
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Product Dimensions

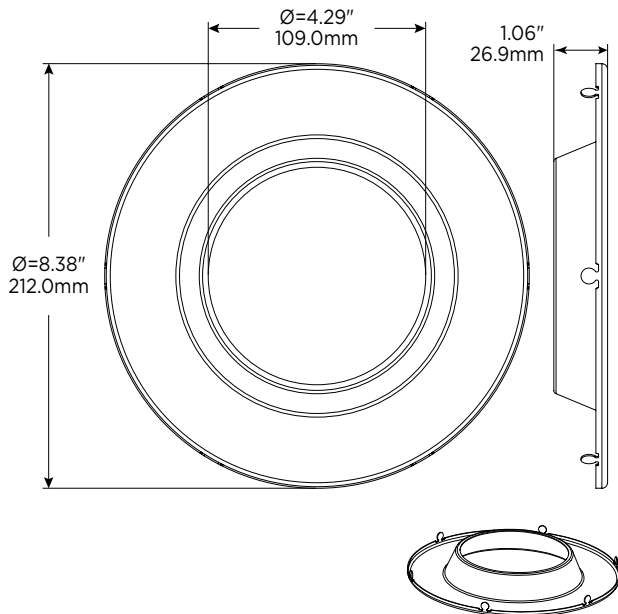
6" – RCF6M9WCS



8" – RCF8M16WCS



6" Trim



8" Trim

