

FMCL01

Slim Round LED Ceiling Light

5 CCT Selectable | Backlit | WIFI CONTROL

Catalog #

Type

Comment

Project

Date

DESCRIPTION

Smart slim round LED Panel Lights can produce 5 color temperatures changing with 2700K, 3000K, 3500K, 4000K, and 5000K in the field. It also can be made with warm white 2000K backlit for night lighting. So they are ideal for office, supermarket, warehouse, school, hospital lighting and other indoor lighting applications.

◆ FEATURE

- ◆ 5 CCT Selectable: 2700K, 3000K, 3500K, 4000K, 5000K
- ◆ High Performance: >85 Lumens/watt
- ◆ Ultra-slim profile design
- ◆ RGB or 2000K Decoration Backlit
- ◆ 10-100% triac dimming
- ◆ Die-casting Aluminum alloy case

ELECTRICAL TECHNOLOGY

- ◆ 120VAC Triac Dimming 50~60 Hz
- ◆ 100-240VAC available
- ◆ ETL/cETL, CE, RoHS

LIGHT SOURCE

- ◆ Normal Lighting
- ◆ 5 CCT + Night Lighting 2000K
- ◆ Smart RGBW as backlit
- ◆ Beam Angle 120°

MOUNT

- ◆ Flush Mount

WARRANTY

- ◆ 3 years

FINISH

- ◆ Std. White

STANDARD

- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ UL 924, UL 1598, CAN/CSA-C.22.2 NO. 250.0,

◆ CONTROL MODE

- ◆ APP Control: Via Tuya APP by WIFI working with Google assistance App or Amazon Alexa
- ◆ Voice control: Compatible with Google assistance App or Amazon Alex
- ◆ Set schedule or timer
- ◆ Group controllable



DIMENSION



DATA SHEET

Model#	Rated Power	LED Selectable	Size	Voltage	Output Efficacy	CRI	Dimming
FMCL01-12-CTS-D	24W	5 CCTs	12"	120vac	90 lm/w	80+	YES
FMCL01-16-CTS-D	32W	5 CCTs	16"	120vac	85 lm/w	80+	YES
FMCL01-12	18W	Single One CCT	12"	85-265vac	120 lm/w	80+	N/A
FMCL01-16	32W	Single One CCT	16"	85-265 vac	120 lm/w	80+	N/A
FMCL01-12-CTS-ABP-D	24W+4W	5 CCTs +Amber/Blue/Pink Night	12"	120vac	85 lm/w	80+	YES
FMCL01-16-CTS-ABP-D	32W+4W	5 CCTs +Amber/Blue/Pink Night	16"	120vac	85 lm/w	80+	YES
FMCL01-12-ABP-D	24W+4W	Single CCT +Amber/Blue/Pink Night	12"	120vac	85 lm/w	80+	YES
FMCL01-16-ABP-D	32W+4W	Single CCT +Amber/Blue/Pink Night	16"	120vac	85 lm/w	80+	YES
FMCL01-12-RGB-D	24W+4W	Single CCT +RGB Night	12"	100-240vac	85 lm/w	80+	WIFI
FMCL01-16-RGB-D	32W+4W	Single CCT +RGB Night	12"	100-240vac	85 lm/w	80+	WIFI

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ORDER INFORMATION

Sample Number: LT-FMCL01-12-CTS-ABP-D

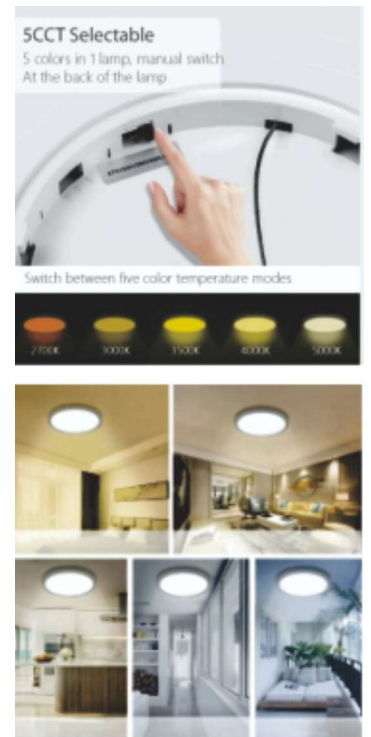
Com.	Series	Size	LED Color (Main Face)				Night Light (Backlit)		Control Mode		Finish		
LT	FMCL01	12 12"	CTS	27K-30K-35K-40K-50K Selectable				Blank	Non Backlit	D	Triac Dimming	Blank	White
		16 16"	30K	3000K	35K	3500K	RGB	Red/Green/Blue	WF	WIFI+Remote			
		40K	4000K	27K	2700K	ABP	Amber/Blue/Pink						
		50K	5000K	57K	5700K								

PACKAGE INFORMATION

	Model#	Backlit	QTY/CTN	G.W.	CTN Size	QTY/20GP	QTY/40GP
1	LT-FMCL01-12	N/A	16	14 Kg	56X35X35 cm	8,000	18,000
2	LT-FMCL01-16	N/A	12	17 Kg	46x45x46 cm	4,200	10,000
3	LT-FMCL01-12-RGB/ABP	YES	14	15 Kg	64x36x36 cm	7,800	18,000
4	LT-FMCL01-16-RGB/ABP	YES	13	18 Kg	55x45x46 cm	3,500	8,500

WORK MODE

MODE 1: 5-CCT Selectable or Single CCT



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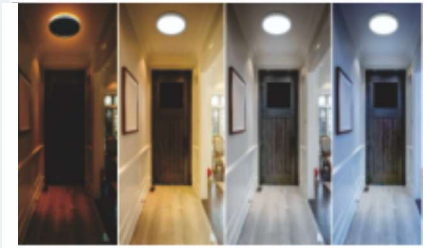
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MODE 2: 5-CCT Selectable w/ Night Light



5CCT Selectable
5 colors in 1 lamp, manual switch
At the back of the lamp



MODE 3: WIFI Smart with RGB Night/Mood Light

