

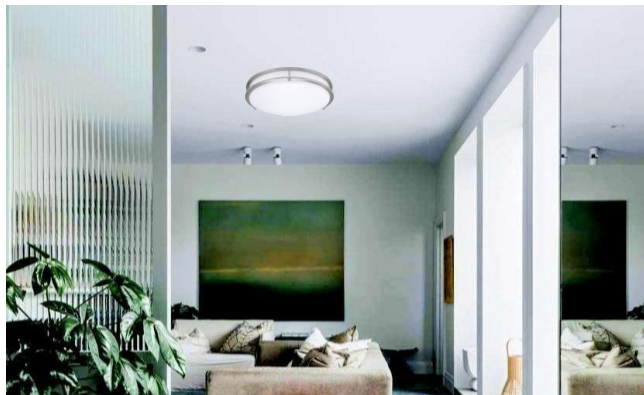


HONYA Lighting

Project Name: _____

Date: _____ Note: _____

LED DOUBLE RING FLUSH MOUNT CEILING LIGHT (AC120V)



Application: Ideal for residential places, offices, hallways, utility rooms, and commercial places such as hotel rooms.

CERTIFICATION



PRODUCT DESCRIPTION

The LED Double Ring Flush Mount Ceiling Light is a stylish, low-maintenance, energy-efficient solution, available in Standard, Motion Sensor, and Emergency-Ready versions.

SPECIFICATIONS

Model No.	HY-DR12-16WCCT	HY-DR14-22WCCT	HY-DR16-26WCCT	HY-DR12-16WCCT-MS	HY-DR12-16WCCT(EM)	HY-DR14-22WCCT(EM)	HY-DR16-26WCCT(EM)
Available Variants	Standard			With Motion Sensor (ON/OFF)	With Emergency Driver Ready		
Wattage	16W	22W	26W	16W	16W	22W	26W
Size	12"	14"	16"	12"	12"	14"	16"
Lumens	1450 LM	1850 LM	2200 LM	1280 LM	1450 LM	1850 LM	2200 LM
Rated Input Voltage(V)	AC 120V						
Light Source	SMD						
CCT	2700K/3000K/3500K/4000K/5000K or 2700K/3500K/4000K/5000K /6500K selectable						
Body Finish	Brushed Nickel						
Beam Angle (°)	110°-120°						
Dimming	YES				NO		
Color Rendering Index	Ra>80						
Power Factor	0.95						
Working Temperature	5 °F ~104 °F / -15°C ~40°C			13 °F ~ 113 °F / -25°C ~ 45°C	5 °F ~ 104 °F / -15°C ~ 40°C		
Charging Time	N/A				≥24 hours		
Emergency Time	N/A				1.5 hours		
Environment Location	IP 20 – Indoor Only						
Lifespan	Lumen Maintenance over 70% @ 50,000+ Hours						
Certificate	ETL						
Package Info	18.5"X13.0"X13.2"	19.9"X14.8"X15.0"	23.3"X16.7""X16.5"	18.5"X13.0"X13.2"	25.3"X12.5"X12.5"	28.8"X14.5"X14.5"	30.5"X16.7""X16.5"
Weight	13 LBS	18 LBS	22 LBS	13 LBS	19 LBS	24 LBS	28 LBS
PC/ Master Pack	6						

ORDERING CODE DEFINITION

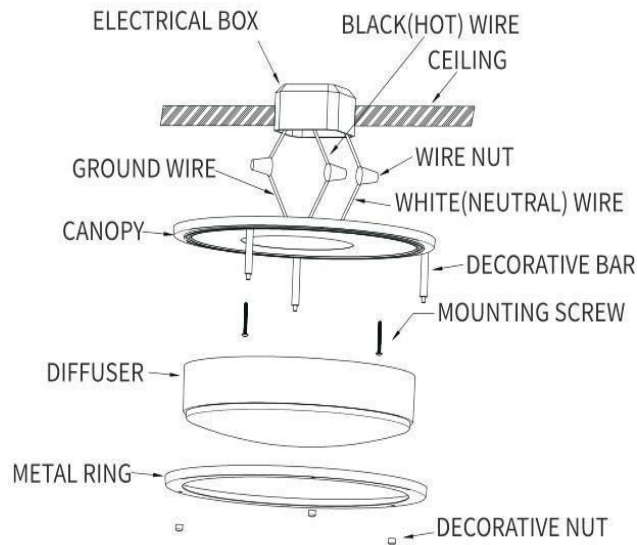
HY-DR12-16WCCT

Company Code	Product	Size	Power	CCT	Suffix
HY	DR: Double ring flush mount ceiling light	12"	16W	2700K/3000K/3500K/4000K/5000K OR 2700K/3500K/4000K/5000K/6500K	MS: With ON/OFF motion sensor EM: With emergency backup driver ready
		14"	22W		
		16"	26W		

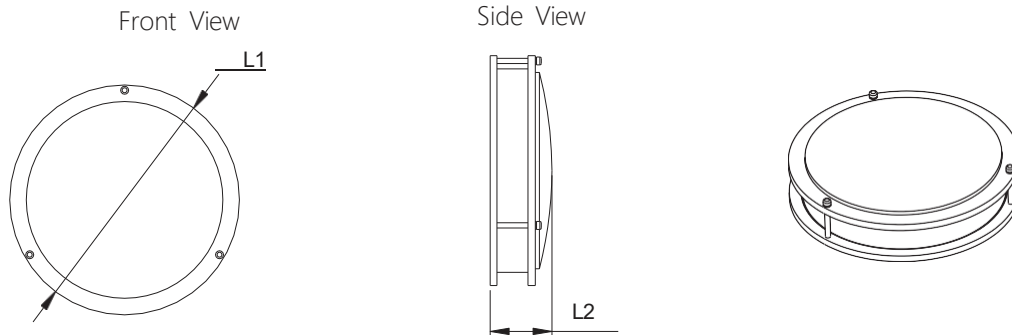


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PRODUCT STRUCTURE



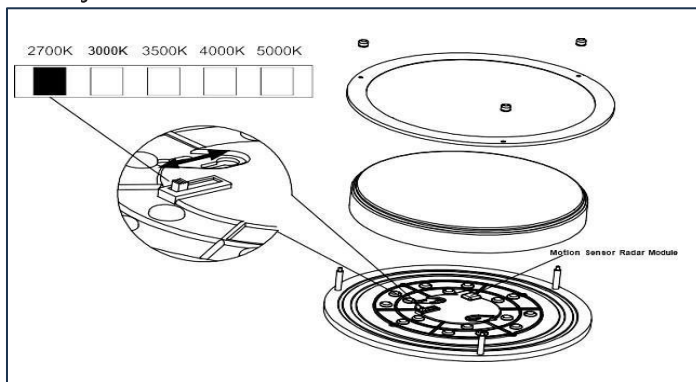
PRODUCT DIMENSIONS



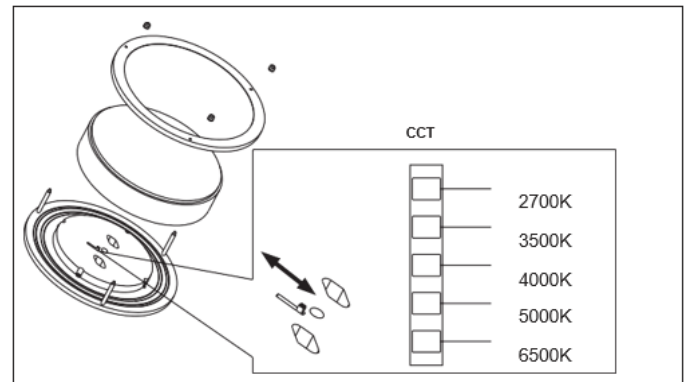
Model No.	HY-DR12-16WCCT	HY-DR14-22WCCT	HY-DR16-26WCCT	HY-DR12-16WCCT-MS	HY-DR12-16WCCT(EM)	HY-DR14-22WCCT(EM)	HY-DR16-26WCCT(EM)
Size							
L1	Φ305mm/Φ12"	Φ355mm/Φ14"	Φ405mm/Φ16"	Φ305mm/Φ12"	Φ305mm/Φ12"	Φ355mm/Φ14"	Φ405mm/Φ16"
L2	65mm/2.56"	75mm/2.95"	85mm/3.35"	65mm/2.56"	104mm/4.09"	114mm/4.49"	124mm/4.89"

OPERATION GUIDE

CCT Adjustable



Standard & Motion Sensor (MS) Variants



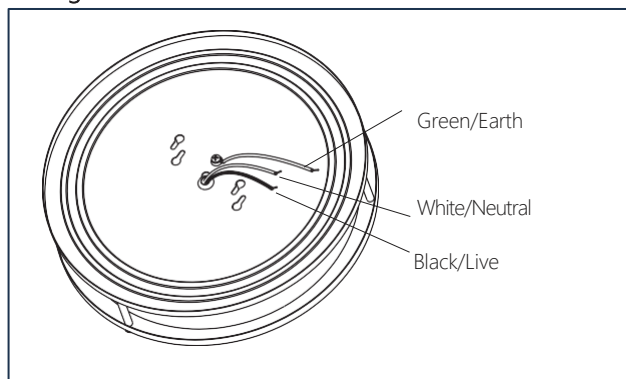
Emergency Driver (EM) Variant



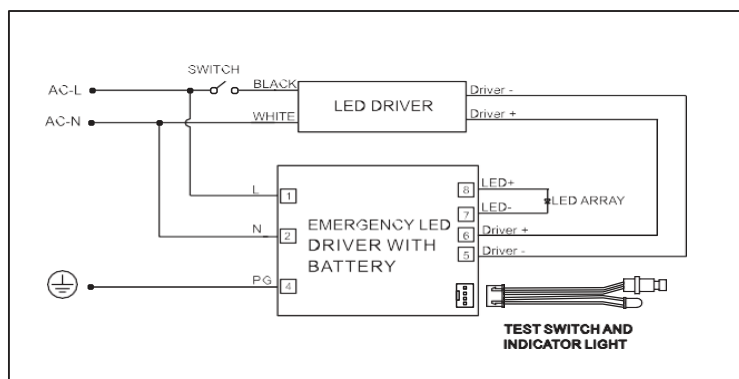
LED DOUBLE RING FLUSH MOUNT CEILING LIGHT (AC120V)

OPERATION GUIDE

Wiring Guide



Standard & Motion Sensor(MS) Variants



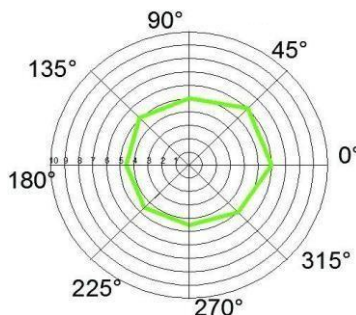
Emergency Driver (EM) Variant

MODULE TECHNICAL SPEC FOR MOTION SENSOR (MS) VARIANT

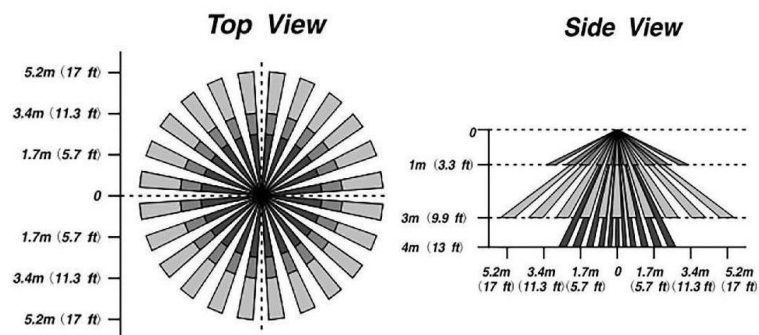
SPEC	Minimum value	Typical value	Maximum value	Remark
Operating frequency range	5.725 GHz	5.8GHz	5.875 GHz	
Operating voltage	DC+ 5V	DC+ 8V	DC 12 V	
Working current	17 mA	21 mA	25 mA	
Sensing distance	See test diagram below			Overall reduction possible
Delay time	1S	2S	3S	Adjustable
Luminous value	5Lux	10 Lux	15 Lux	Adjustable
Operating temperature	-22°F	-	+185°F	
Storage temperature	-40°F	-	+302°F.	
Ambient humidity	5%	-	90 %	
Antistatic voltage	-1KV(HBM)	-	+1KV (HBM)	

SENSITIVITY RANGE DIAGRAM FOR MS VARIANT

Mounted at about 9.8 ft (3 m), suitable for spaces with foot traffic at typical walking speeds of 1.6 ft/s.



SENSOR COVERAGE FOR MS VARIANT

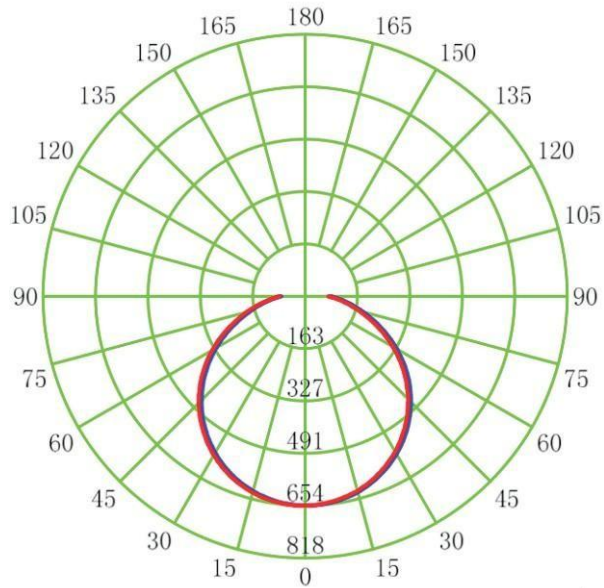




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PHOTOMETRIC REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

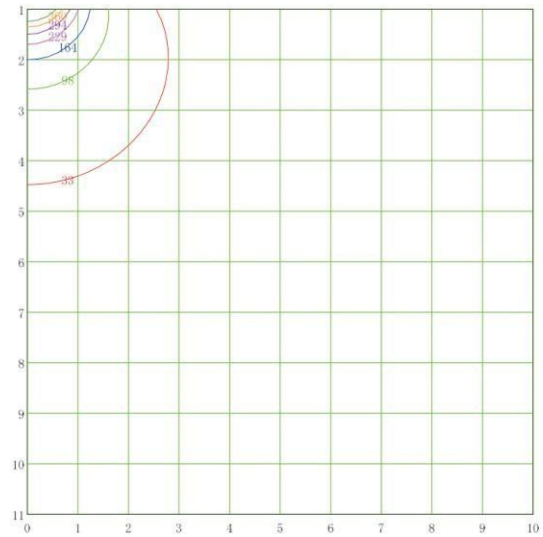


UNIT: cd

— C0-C180

— C90-C270

VERTICAL EQUILUMINOUS CURVE



HORIZONTAL DISTANCE (meter)

MINIMUM ALTITUDE 1.0 M
MAXIMUM ALTITUDE 11.0 M
MAXIMUM ILLUMINATION 654.4 lx

(5%): 32.7 lx
(25%): 163.6 lx
(45%): 294.5 lx
(65%): 425.4 lx

(15%): 98.2 lx
(35%): 229.1 lx
(55%): 359.9 lx