



Simply Brilliant



High CRI



Dimmable



Product information

FEATURES

- 4FT and 8FT Wattage Selectable Strip Fixture
- 130LM/W Lumen Efficacy
- DLC Premium, cETL listed
- 0-10v dimmable
- Internal color selector switch to 3500K/4000K/5000K
- Row mounted to 8FT with strip connector kit
- 50,000 hour life
- Polycarbonate diffuse (frosted) lens
- Damp location rated
- Quick & easy installation and maintenance
- No tools required to open/close the fixture
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Hallways
- Walkways
- Storage areas
- Utility rooms
- Common areas

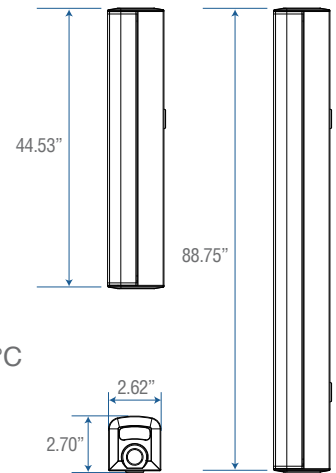
INSTALLATION

- Surface mount
- Ceiling/Cable Mount (optional)

ADDITIONAL INFO

- White housing
- Operating temperature -20°C ~+50°C
- Motion sensor (L2420-9170)
- Air craft cable (optional)
- Strip Connector Kit (L2420-9400)

DIAGRAM



ORDER CODE	MODEL NO.	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	CRI	THD	MOL (IN)	CASE QTY.
L2420-3300	ILX-VS3-435WSMV3CCT	S-7QWTA1	4' 35/28/20W STRIP FIXTURE 3CCT DIM WH	20		2600	3500K				
				28	120-347V	3640	4000K	83+	<20%	44.53x2.62x2.70	6
				35		4550	5000K				
L2420-3400	ILX-VS3-446WSMV3CCT	S-HQJY6L	4' 46/38/30W STRIP FIXTURE 3CCT DIM WH	30		3900	3500K				
				38	120-347V	4940	4000K	83+	<20%	44.53x2.62x2.70	6
				46		5980	5000K				
L2421-3300	ILX-VS3-890WSMV3CCT	S-S4KRKS	8' 90/75/65/55W STRIP FIXTURE 3CCT DIM WH	55		7150	3500K				
				65	120-347V	8450	4000K	83+	<20%	88.75x2.62x2.70	2
				75		9750	5000K				
				90		11700					

OPTIONAL ACCESSORIES

- L2420-9170 MOTION SENSOR (MICROWAVE)
- L2420-9400 CONNECTOR PLATE FOR ROW MOUNTING
- L2850-0002 60" AIR CRAFT SUSPENSION CABLE / PACK OF TWO (2)

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



Simply Brilliant



NSF/ANSI 2



VANDAL PROOF



NEMA 4X



Intertek



Product information

FEATURES

- 4FT 46/38/30w wattage selectable
- 6440/5320/4200 lumens 140LM/w
- DLC Premium, cETL listed
- NSF/ANSI - food equipment certified
- NEMA 4X certified
- IK10 vandal-proof housing for deployment in harsh environments
- IP66 Water-resistant, dust-tight
- 0-10v dimmable
- Internal color selector switch to 3500K/4000K/5000K
- 50,000 hour life
- PC housing and Anti-glare diffuse lens
- Quick & easy installation and maintenance
- No tools required to open/close the fixture
- 5-year warranty

APPLICATION

- Parking Garage
- Stairwells
- Walkways
- Canopies
- Commercial/Industrial

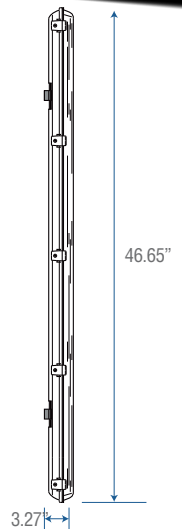
INSTALLATION

- Surface mount
- Pendant (optional)
- Suspended (optional)

ADDITIONAL INFO

- Light gray housing
- Operating temperature -20°C ~+50°C
- Microwave sensor (optional)
- Emergency battery back up (optional)

DIAGRAM



ORDER CODE	MODEL NO.	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	CRI	MOL (IN)	CASE QTY.
L2502-3210	ILX-SS2-446WSMV3CCT2	4' 46/40/35/30WS VAPOUR TIGHT FIXTURE 3CCT DIM WH	46		6440	3500K			
			38	120-347V	5320	4000K	80+	46.65 x 4.17 x 3.27	6
		DLC ID: S-MPQJHZ: Premium: Low-Bay Luminaires for Commercial and Industrial Buildings	30		4200	5000K			
		S-N9Y807: Premium: Stairwell and Passageway Luminaires							

MODEL EXAMPLE ILX-SS2-446WSMV3CCT2

ILX	VS2	4	46WS	MV	3CCT2
Brand	Series	Size	Wattage Selectable	Voltage	CCT
illuminex	Supra Series II	2=2FT	46W	MV=120-347V	3 Co-related
		4=4FT	40W	Blank=120-277V	Color Temperature
		8=8FT	35W		Blank=Single
			30W		Color Temperature

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



NSF, NEMA 4X

Simply Brilliant



High CRI



Dimmable



NSF/ANSI 2



LISTED
E505599



Product information

FEATURES

- Power and Color Selectable UFO High Bay
- High Lumen Efficacy 150LM/w
- NSF, NEMA 4X Certified
- DLC Premium, cUL listed
- Polycarbonate Lens UGR<28
- 0-10v Dimmable
- Lumileds 2835 LEDs / Fahold driver
- 10FT cord whip, Eyebolt mount
- Quick connect to motion sensor (pre-installed base)
- IP65 Rated for wet location
- 50,000 hour life
- L/N-PE: 6kV, L-N: 6kV surge prot.
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Healthcare
- Gymnasium
- Warehouse
- Museum
- Recreation Center

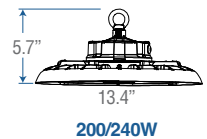
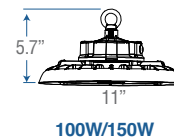
INSTALLATION

- Hook
- U-Bracket
- Pendant 3/4" NPS pipe

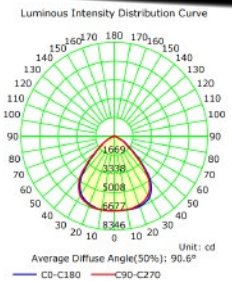
ADDITIONAL INFO

- Optional: a) Microwave Sensor
- b). PIR Sensor c). Remote Control
- Operating Temperature -40°C ~+50°C

DIAGRAM



PHOTOMETRICS



ITEM NO.	MODEL NO.	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L5331-0100	ILX-UHB-ST2-100WS-3CCT-L2	S-P8B98S	ROUND HBAY 150L/W 3CCT 3M CORD	60/80/100W	120-347v	15000	35/40/50K	90°	65	0.9	11x5.7	1
L5331-0150	ILX-UHB-ST2-150WS-3CCT-L2	S-VJML7D	ROUND HBAY 150L/W 3CCT 3M CORD	100/120/150W	120-347v	22500	35/40/50K	90°	65	0.9	11x5.7	1
L5331-0240	ILX-UHB-ST2-240WS-3CCT-L2	S-V459LV	ROUND HBAY 150L/W 3CCT 3M CORD	200/220/240W	120-347v	36000	35/40/50K	90°	65	0.9	13.4x5.7	1

OPTIONAL ACCESSORIES

L5331-1510	ILX-UHB-ST2-MS	MOTION SENSOR (MICROWAVE)
L5331-1520	ILX-UHB-ST2-PIR	PIR SENSOR
L5331-1515	ILX-UHB-ST3-RC	REMOTE CONTROL WORKS FOR BOTH PIR AND MICROWAVE

ILLUMINEX TECHNOLOGIES INC.

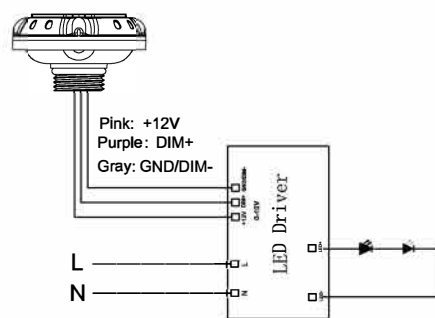
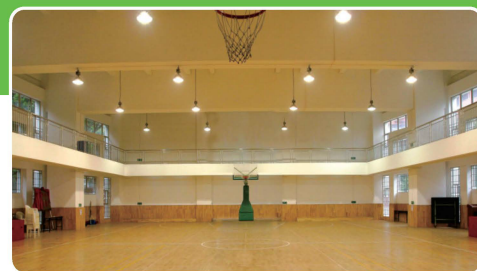
Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

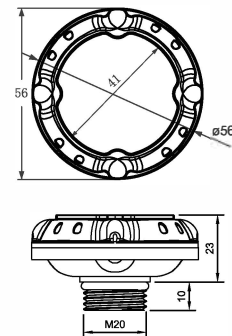
Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6

L5331-1510

Dual PD, 15M highbay



Wiring diagram



Unit:mm



On/off control



Detection area



Hold time



Daylight sensor



Stand-by period



Stand-by dimming level



Remote control setting



10-15M Highbay altitude



5 years warranty

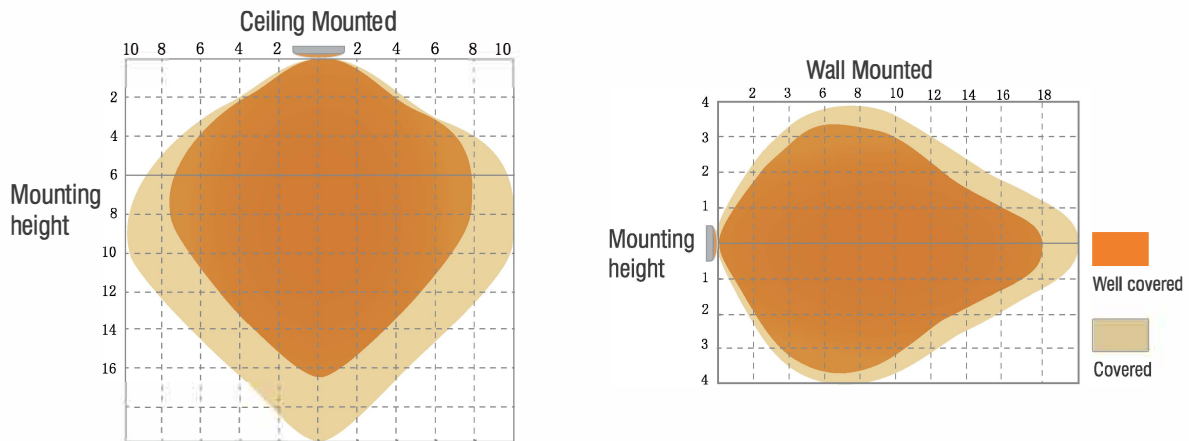
01 Technical data

Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100%/Quick setting:70%/80%/90%/100%
Sensitivity	20%/50%/75%/100%
Hold time	10s/1min/10min/30min
Daylight threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by time	1min/30min/60min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.5mW
Detection angle	150° (wall mounted) 360° (ceiling mounted)
Control line	Pink:+12V; Purple:DIM+; Gray:GND/DIM-
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.ø15m(ceiling mounted) Max.20m(wall mounted)
Operating temperature	-30°C~+60°C
IP rating	IP65

Note:

Default setting: Brightness:100%, Hold time:1min, Stand-by dimming level:20%, Stand-by time:1min, Sensitivity:100%, Daylight:Disable.

02 Detection coverage

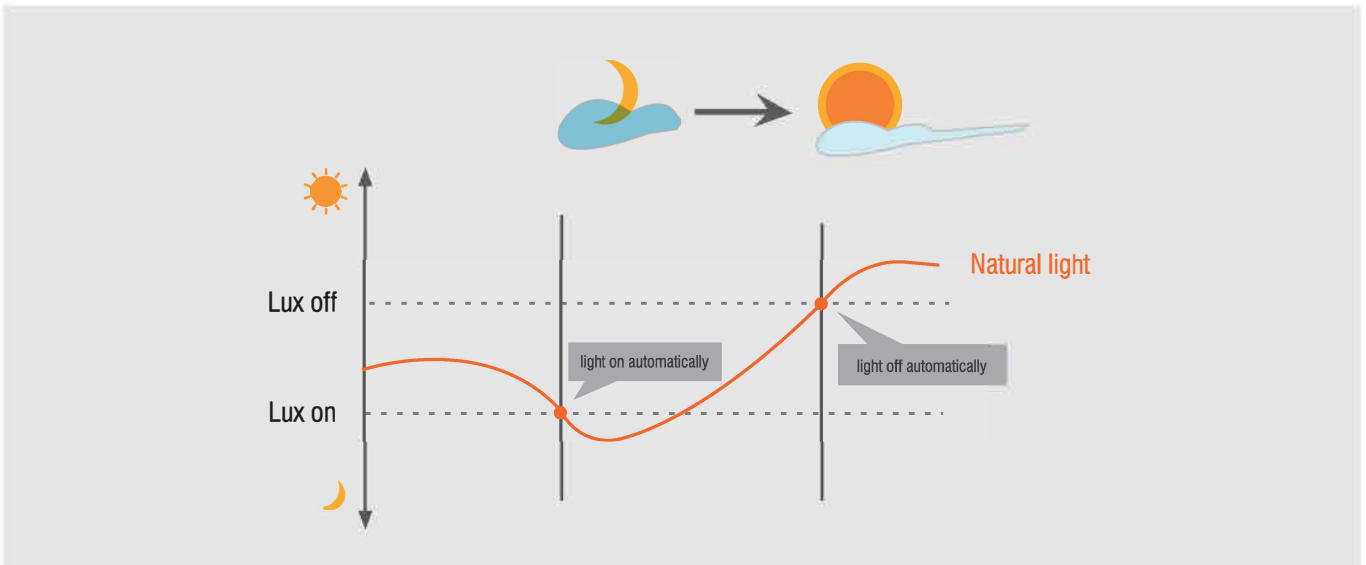


03 Lux on/off

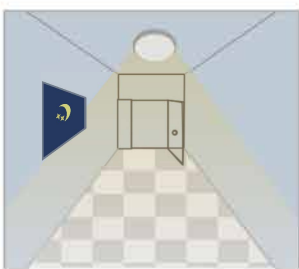
Adopted dual PD technology, HB01DMS-A is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Stand-by period is $+\infty$;
2. Stand-by dimming level is on 10%, 20%, 30% or 50%;
3. Daylight threshold is on 10Lux, 30Lux, 50Lux or 100Lux.



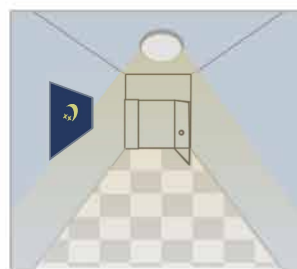
04 Application—Lux on/off



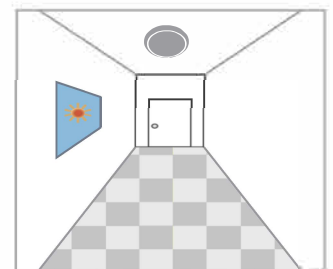
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



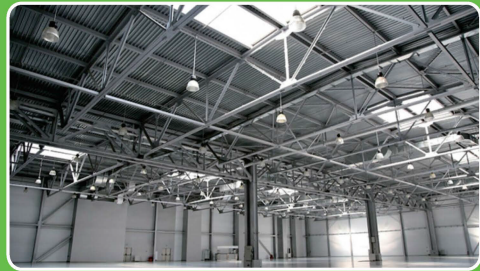
Light dims to stand-by level if no motion detected after hold time.



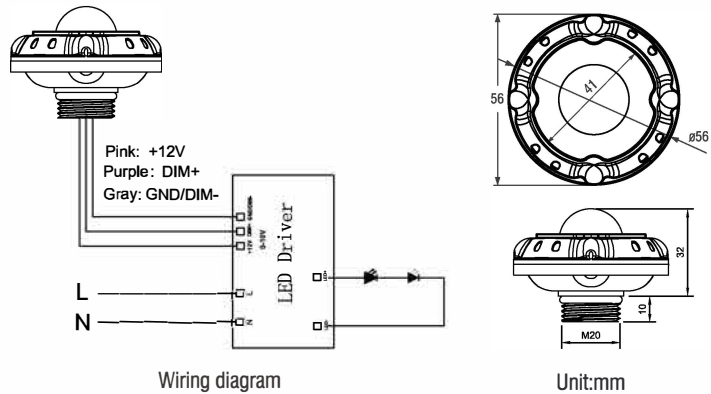
Light off when ambient lux level is higher than preset lux amount.

L5331-1520

Dual PD, 6M highbay



HB02DPR-A



On/off control



Stand-by dimming level



Detection area



Remote control setting



Hold time



2-6M Highbay altitude



Daylight sensor



Warranty 5 years



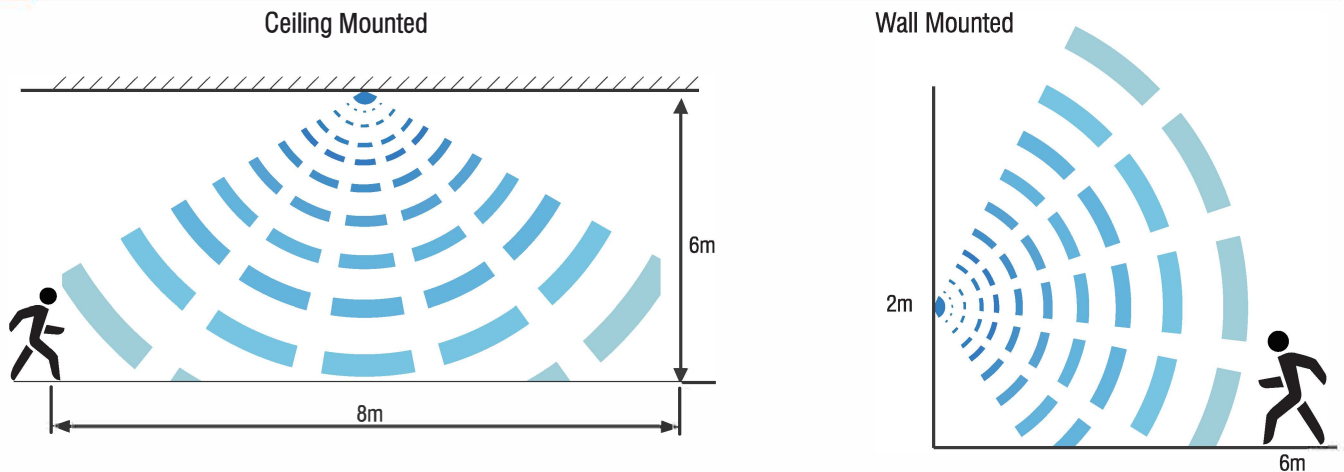
Stand-by period

01 Technical data

Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100%/Quick setting: 70%/80%/90%/100%
Hold time	10s/1min/10min/30min
Daylight threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by time	1min/30min/60min/+ ∞
Stand-by dimming level	10%/20%/30%/50%
Detection angle	30-120°
Control line	Pink: +12V; Purple: DIM+; Gray: GND/DIM-
Mounting height	Max.6m(ceiling mounted)
Detection range	Max.ø8m(ceiling mounted) Max.6m(wall mounted)
Operating temperature	-30°C ~ +60°C
IP rating	IP65

Note: Default setting: Brightness:100%, Hold time:1min, Stand-by dimming level:20%, Stand-by time:1min, Sensitivity:100%, Daylight:Disable.

02 Detection coverage

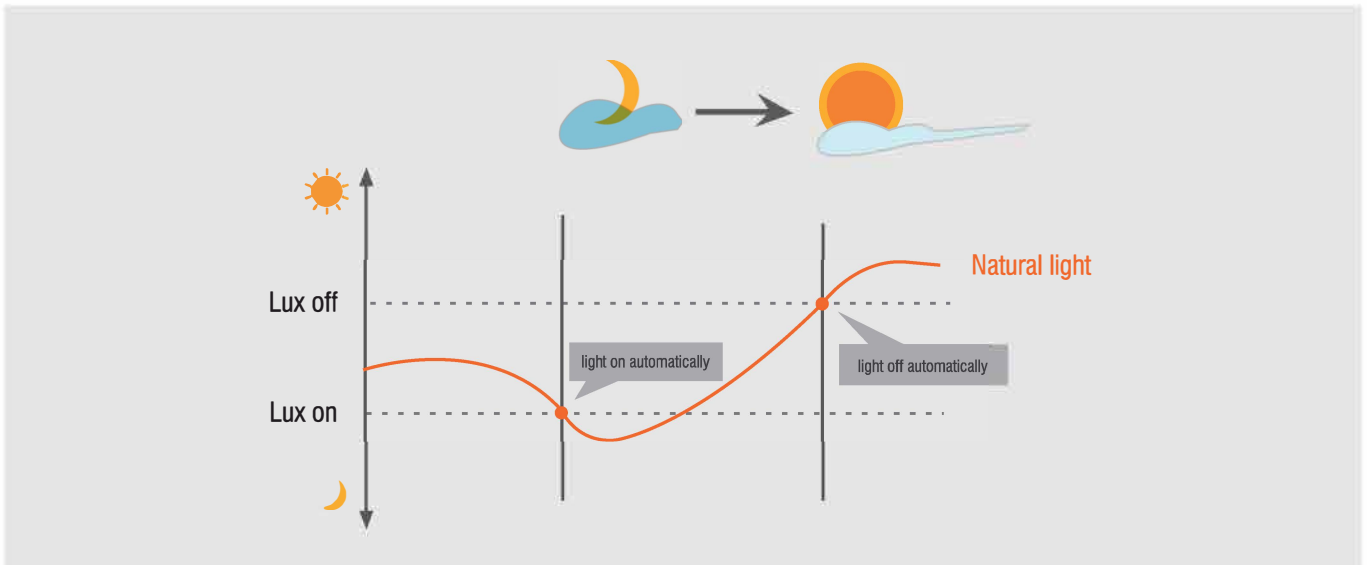


03 Lux on/off

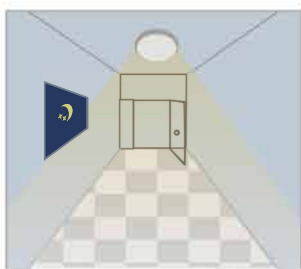
Adopted dual PD technology, HB02DPR-A is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Stand-by time is $+\infty$;
2. Stand-by dimming level is on 10%, 20%, 30% or 50%;
3. Daylight threshold is on 10Lux, 30Lux, 50Lux or 100Lux.



04 Application—Lux on/off



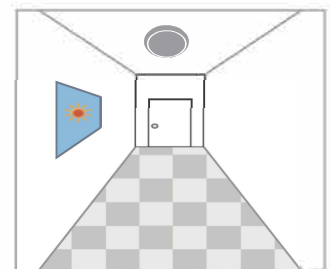
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



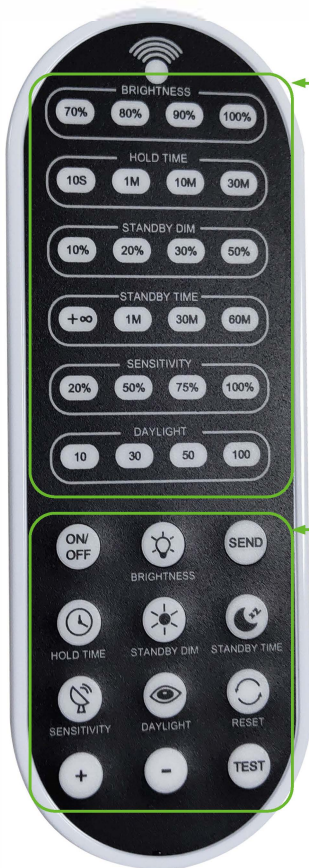
Light dims to stand-by level if no motion detected after hold time.



Light off when ambient lux level is higher than preset lux amount.

L5331-1515

Remote for dimmable sensors















Display Area

BRIGHTNESS (70%/80%/90%/100%)
DAYLIGHT (10lx/30lx/50lx/100lx)
STANDBY DIM (10%/20%/30%/50%)

HOLD TIME (10S/1min/10min/30min)
SENSITIVITY (20%/50%/75%/100%)
STANDBY TIME (+∞ /1min/30min/60min)

Button Setting Area

-  **ON/OFF** (Long press the "ON/OFF" button until the brightness indicator light is on(First-row),Press to turn on or turn off the fixture.)
-  **BRIGHTNESS** (Press to adjust dimming level 70%/80%/90%/100%.)
-  **SEND** (Press to save settings after each change.The indicator light confirms the save setting.)
-  **HOLD TIME** (Press to adjust hold time 10s/1min/10min/30min.)
-  **DAYLIGHT** (Long press the button until the daylight indicator light is on,press to adjust daylight threshold 10lx/30lx/50lx/100lx.)
-  **SENSITIVITY** (Press to adjust sensitivity 20%/50%/75%/100%.) Note: PIR Motion Sensor have no sensitivity setting,the default 100%.
-  **STANDBY DIM** (Press to adjust stand-by dimming level 10%/20%/30%/50%.)
-  **STANDBY TIME** (Press to adjust stand-by time +∞ /1min/30min/60min.)
 Note: "+∞" means unlimited stand-by time,and the light control mode is the light control priority mode, otherwise it's the light threshold mode.
-  **RESET**
 Press "RESET"button,products with DIP switch will be controlled by DIP switches;Otherwise all the setting will change,which is Brightness 70%/ Hold time 10s/ Sensitivity 20%/ Daylight threshold disable/Stand-by dimming level 10% / Stand-by time+∞.
-  **TEST**
 The button "TEST" is for testing purpose after debugging.Pressing this button,the sensor goes to test mode(hold time is only 3s).
-  Press to increase brightness(0-100%).
-  Press to reduce brightness(100%-0%).

Attention

1. If you want to send a setting,it will only work if the remote control is on.If you don't press any button within 10 seconds,the indicator light will go out.
2. When using "ON/OFF"button,the rest buttons except the "ON/OFF","BRIGHTNESS"and"SEND"buttons will be disabled.
3. When using "TEST"button,the rest buttons except the "TEST","SENSITIVITY"and "SEND"buttons will be disabled.
4. Every change needs to press "SEND" button,it will be saved.
5. Beacuse of the power supply DIMMING ratio difference, when using different power, "BRIGHTNESS" and "STANDBY DIM" adjust percentage of the power will have difference with the measured power.
6. Light control priority mode: the on/off illumination values of each gear are 10lx/50lx, 30lx/100lx, 50lx/150lx and 100lx/200lx.
7. Light threshold mode:the on/off illumination values of each gear is 10lx/30lx/50lx/100lx , when the light intensity is less than set value and the movement of someone or an object is induced, the light is turned on to the preset brightness.



NEMA 4X

Simply Brilliant



High CRI



Dimmable



Product information

FEATURES

- Multi-volt (120-347v) UFO High Bay
- High Lumen Efficacy 140LM/w
- NEMA 4X 250-2018 Certified
- DLC Premium, cUL listed
- Polycarbonate Lens
- 0-10v Dimmable
- Lumileds 3030 LEDs / Sosen driver
- 10FT cord and carabiner hook included
- Quick connect to motion sensor (pre-installed base)
- IP65 Rated for wet location
- 60,000 hour life L70@25°C
- 4KV Line-Line, 6KV Line-Earth surge prot.
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Healthcare
- Gymnasium
- Warehouse
- Museum
- Recreation Center

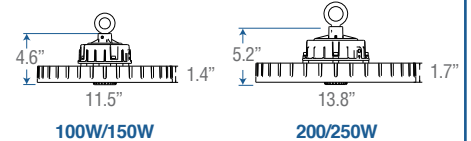
INSTALLATION

- Hook
- U-Bracket
- Pendant 3/4" NPS pipe

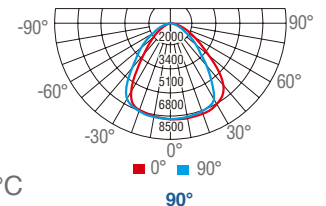
ADDITIONAL INFO

- Optional: a) White/Black Housing
- b) Reflector c) Microwave Sensor
- Operating Temperature -40°C ~+50°C

DIAGRAM



PHOTOMETRICS



ITEM NO.	MODEL NO.	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L5330-1313	ILX-UHB-ST1-100W40MVD90L-R80HBL	ROUND HBAY 100W 140L/W MV 4K BK	100W	120-347v	14000	4000K	90°	65	0.9	11.5x4.6x1.4	1
L5330-1323	ILX-UHB-ST1-150W40MVD90L-R80HBL	ROUND HBAY 150W 140L/W MV 4K BK	150W	120-347v	21000	4000K	90°	65	0.9	11.5x4.6x1.4	1
L5330-1325	ILX-UHB-ST1-150W50MVD90L-R80HBL	ROUND HBAY 150W 140L/W MV 5K BK	150W	120-347v	21000	5000K	90°	65	0.9	11.5x4.6x1.4	1
L5330-1333	ILX-UHB-ST1-200W40MVD90L-R80HBL	ROUND HBAY 200W 140L/W MV 4K BK	200W	120-347v	28000	4000K	90°	65	0.9	13.8x5.2x1.7	1
L5330-1335	ILX-UHB-ST1-200W50MVD90L-R80HBL	ROUND HBAY 200W 140L/W MV 5K BK	200W	120-347v	28000	5000K	90°	65	0.9	13.8x5.2x1.7	1
L5330-1343	ILX-UHB-ST1-250W40MVD90L-R80HBL	ROUND HBAY 250W 140L/W MV 4K BK	250W	120-347v	35000	4000K	90°	65	0.9	13.8x5.2x1.7	1
L5330-1345	ILX-UHB-ST1-250W50MVD90L-R80HBL	ROUND HBAY 250W 140L/W MV 5K BK	250W	120-347v	35000	5000K	90°	65	0.9	13.8x5.2x1.7	1

OPTIONAL ACCESSORIES

L5330-8100	ILX-UHB-ST1-MS	MOTION SENSOR FITS ALL
L5330-8400	ILX-UHB-ST1-RC	REMOTE CONTROL
L5330-8610	ILX-UHB-ST1-UB1	U-BRACKET FITS 100-150W
L5330-8620	ILX-UHB-ST1-UB2	U-BRACKET FITS 200-250W
L5330-8810	ILX-UHB-ST1-RF1	AL REFLECTOR 90° FITS 100-150W
L5330-8820	ILX-UHB-ST1-RF2	AL REFLECTOR 90° FITS 200-250W

Toronto | Calgary | Halifax

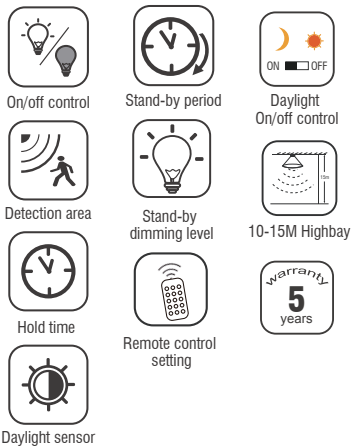
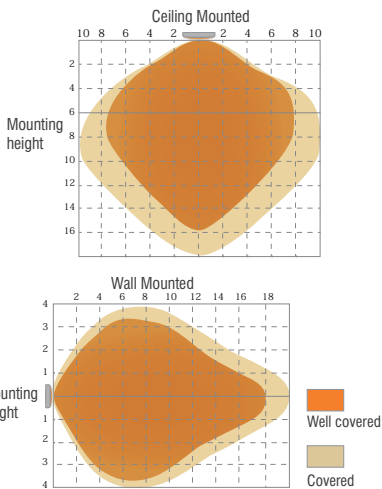
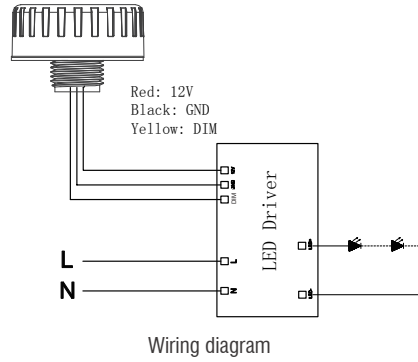
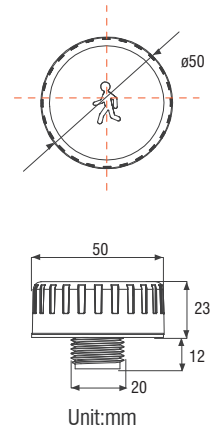
Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6

L5330-8100

Dual PD, 15M highbay

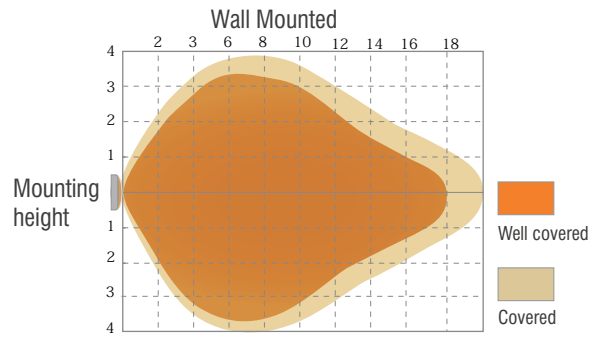
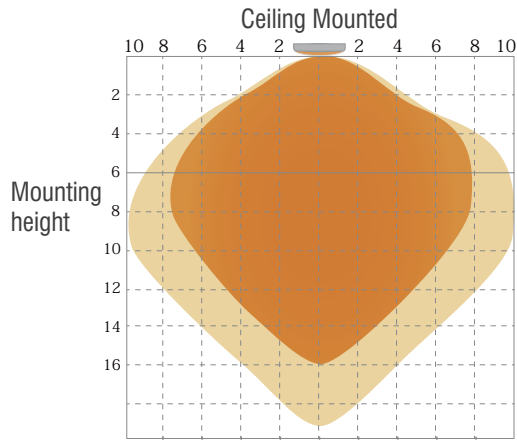


01 Technical data

Operating voltage	10-15V DC
Operating current	30mA±5%
Output	DIM 1-10V
Stand-by power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Detection angle	30-150°
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.Ø14m(ceiling mounted)
Operating temperature	-20°C~+60°C
IP rating	IP65

Note: Motion sensor setting and dimming setting please refer to remote control L5330-8400.

02 Detection coverage

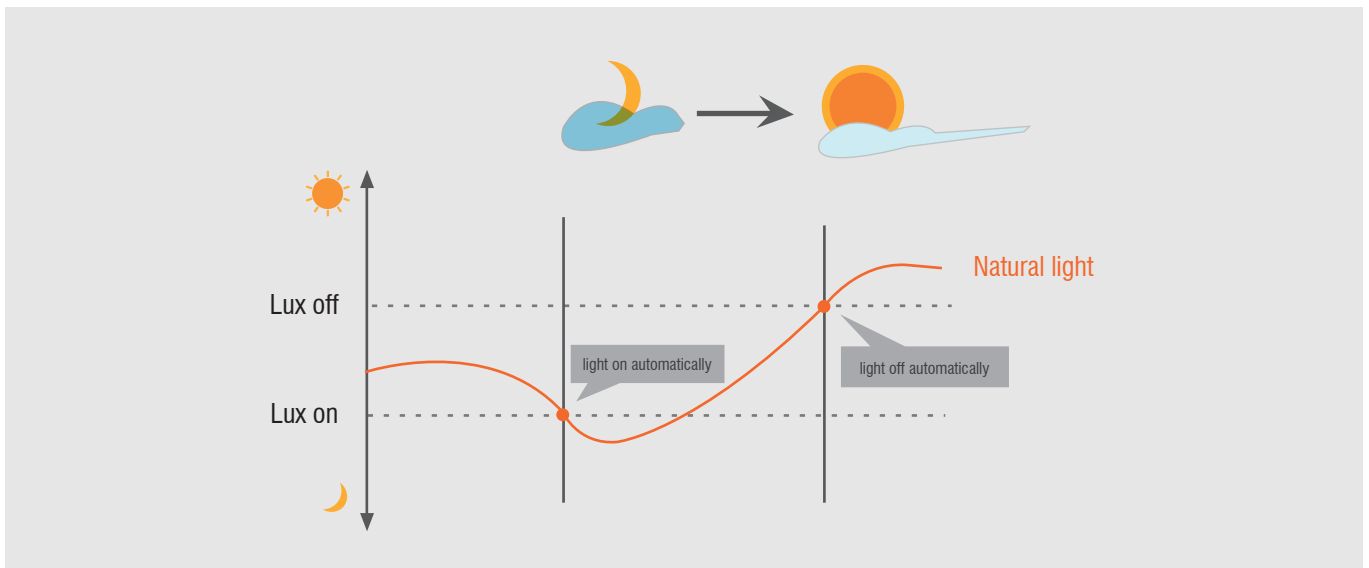


03 Lux on/off

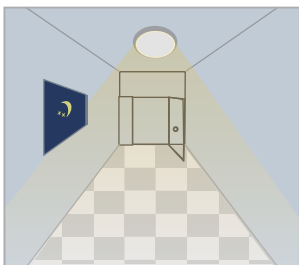
Adopted dual PD technology, it is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Standby period is $+\infty$;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



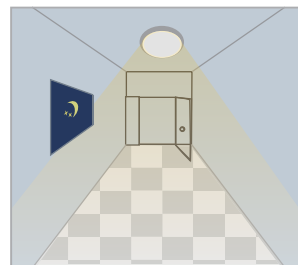
04 Application—Lux on/off



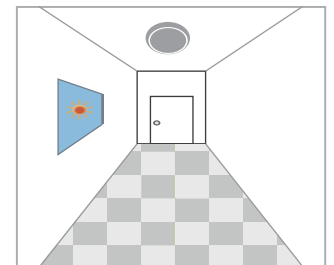
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected



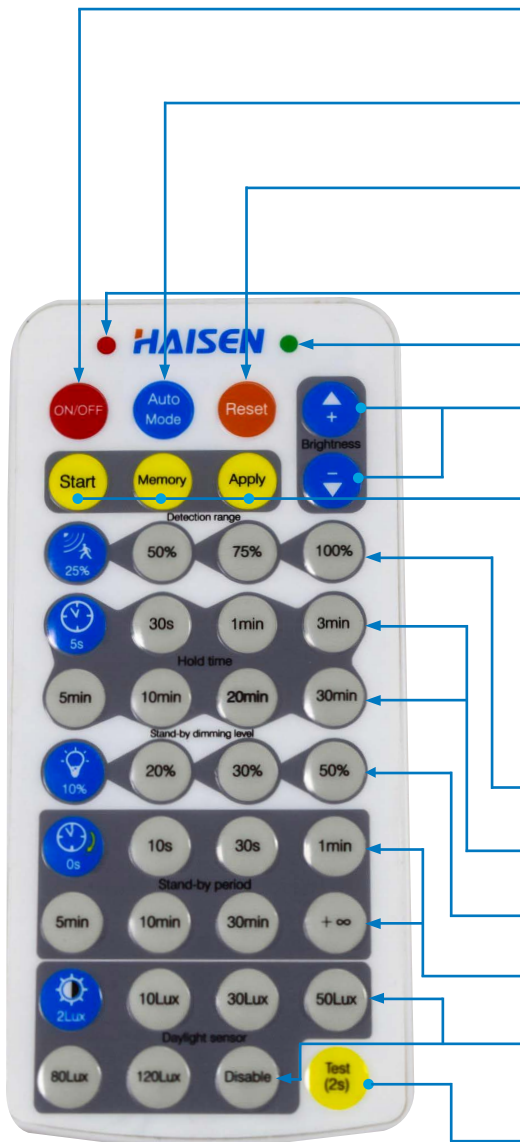
Light dims to standby level if no motion detected after holdtime



Light off when ambient lux level is higher than preset lux amount.

L5330-8400

Remote for dimmable sensors with memory function



ON/OFF

Press the "On/off" button, the light keeps permanently on or off. Press "Auto Mode" , "Reset" or "Apply" buttons to quit from this mode.

Auto Mode

Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Reset

- 1- Press "Reset" button, change brightness to max level.
- 2- Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

Flick after press any button

Flick only after press "Apply" button

+/-

1. To adjust brightness 10-100% in on/off mode.
2. To adjust highest brightness 60-100% in sensor mode.

Start

Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.

Memory

1. Press "Memory" to save all the settings.
2. The settings remained as the last time if not get resetted values.

Apply

1. Press "Apply" to deliver the saved setting.
2. Press "Apply" without "memory" will make all the setting one-time operation.
3. Settings should be done within 30S, otherwise it exits memory mode.

 **Detection area** (Press to define detection area 100%/75%/50%/25%.)

 **Hold time** (Press to define holdtime 5s/30s/1min/3min /5min/10min/20min/30min .)

 **Stand-by dimming level** (Press to define stand-by dimming level 10%/20%/30%/50%.)

 **Stand-by period** (Press to define stand-by period 0s/10s/30s/1min/5min/10min/30min/ +∞.)

Note: "0s" means no standby period; " +∞" means unlimited standby period.

 **Daylight threshold** (Press to define daylight level 2Lux /10Lux /30Lux/50Lux/80Lux/120Lux/Disable.)

Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.

Test (2s)

The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode (hold time is only 2s)

Attention

1. Light turns on when sensor is wired correctly.
2. When using on/off button, the rest setting buttons don't work.
3. Press "Auto Mode", "APPLY" or "Reset" button before setting detection range, holdtime, daylight threshold, standby dimming level and standby period, sensor flickers after receiving signals.
4. Every change will be automatically saved.
5. "Start" and "Memory" operation doesn't affect sensor working, "Apply" does.
6. **How to use "Memory" mode:**
 - ① Press "Start", then set parameters in each of the five zones (Detection area, Hold time, Stand-by dimming level, Stand-by period, Daylight sensor), then press "Memory" to memorize the settings; press "Apply" to control required sensors.
 - ② Press "Apply" without "Memory" makes all settings just for one time.
 - ③ All Settings should be done within 30S, otherwise it has to start over.

PRODUCT SPECIFICATION

PRODUCT— 12VDC PIR Sensor MODEL NO— HD07VR-PH
DATE— 2022-05-12 PREPARED— 夏勇
CHECKED— _____ APPROVED— 周蒙

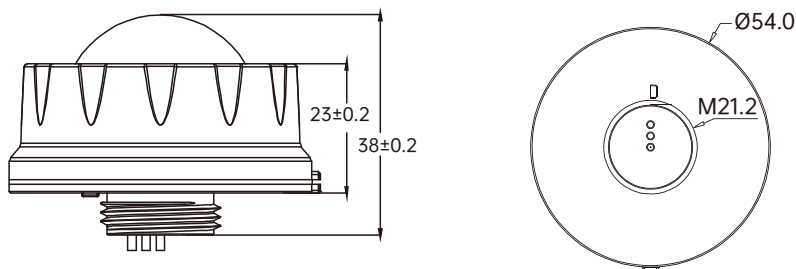
CUSTOMER RECEIVED

CUSTOMER— _____ MODEL NO— LCBLUECONTOL/LV/S/D10/HB
APPROVED— _____ DATE— _____

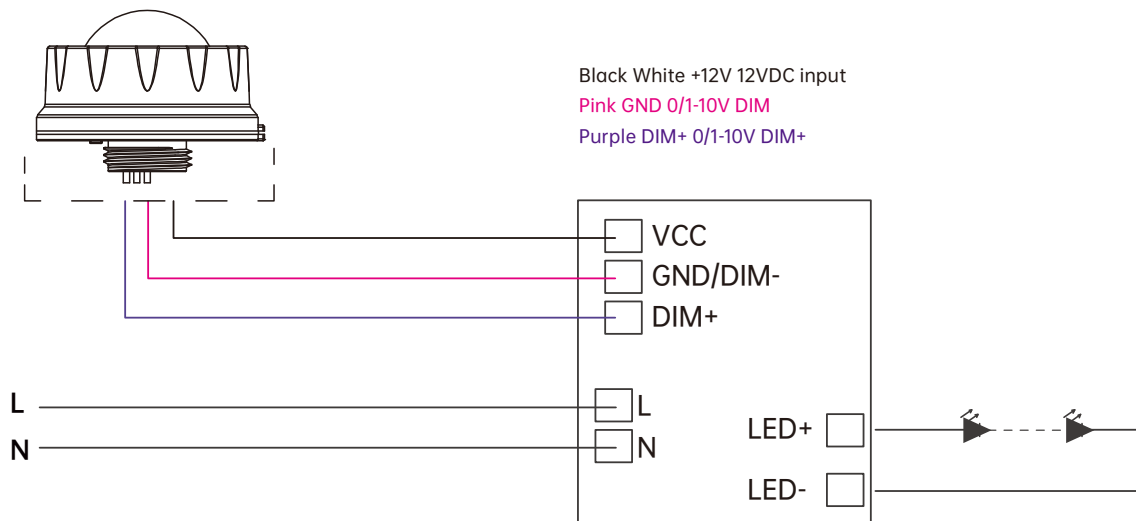


LCBLUECONTROL/LV/S/D10/HB

Dimensions Unit:mm



Wiring Diagram



Technical Data

Basic Information

Operating Voltage DC Input: 10.5-15V Current >50mA	Dimming Control ON/OFF 0-10V Dimmable	Operating Temperature -20°C ~ +70°C	IP Rating IP65	Warranty 5 years
--	--	--	-------------------	---------------------

Sensor Function

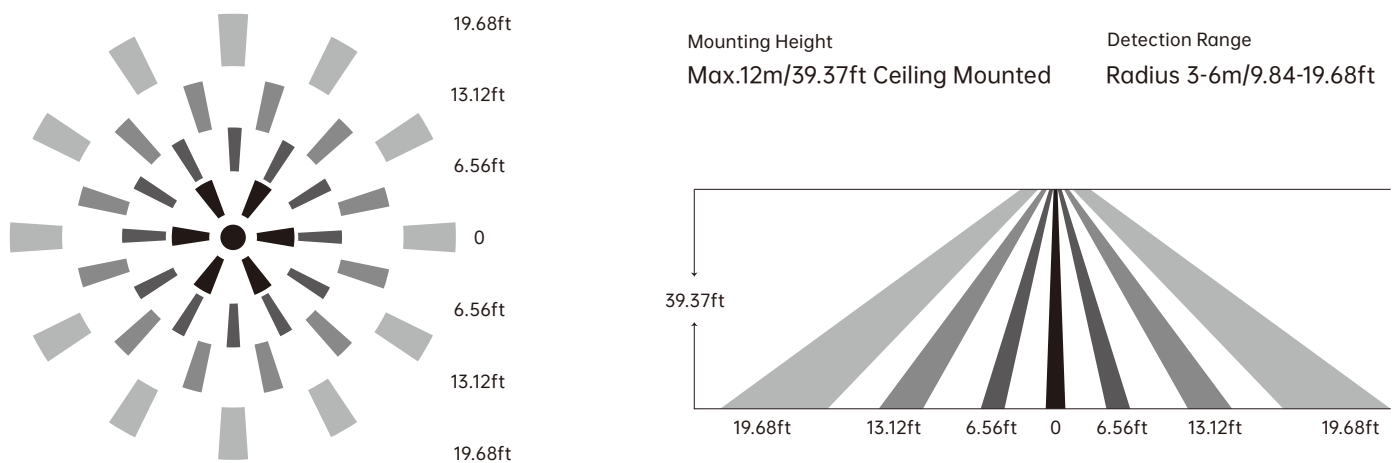
Sensitivity Setting 25%/50%/75%/100%	Holdtime 5s/30s/1min/3min/5min/10min/20min/30min
Standby Period 0s/10s/30s/1min/5min/10min/30min/60min/+∞	Standby Dimming 10%/20%/30%/50%
Daylight 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable	

PIR Sensor

Operating Voltage DC10.5-15V >30mA	Detection Distance Radius 3-6m/9.84-19.68ft	Mounting Height Max 12m/39.37ft	Detection Angle <120° Fresnel Lens	Applications /
---------------------------------------	--	------------------------------------	---------------------------------------	-------------------

How to perform Daylight Priority
Daylight threshold is on 30Lux/50Lux/80Lux/120Lux; Standby period is +∞; Standby dimming level is on 10%/20%/30%.

Detection Patterns





Attention

1. Please read the instructions carefully before using this product and keep it well for all users to read at any time.
2. The sensor should be installed by qualified electrician and ensure power is off before the installation.
3. We reserve the right to modify any incorrect text, image and necessary technical parameters.
4. Any unauthorized modification is forbidden, otherwise all guarantees will be immediately invalid.

Installation precautions

1. Turn the power off at the circuit breaker before installing the sensor.
2. Do not allow bare wires to show.
3. Assemble any necessary mounting accessories.
4. Have the sensor's lens lower than edge of the fixture and keep the sensor away from heating part.

Application Environment

1. Do not mount it outdoor, in case the outdoor temperature disturbs it.
2. Do not have it at places with suddenly changed temperature or airflow.
3. Do not have shelves between sensor to the presence area.

SCREEN DISPLAY, MEMORY & APPLY FUNCTION, OPTIONAL SCENES

独家LCD屏显
支持设置记忆与一键发送
配合调光功能感应器



REMOTE: L5330-8210
HD05R

Model: HD05R



Briefing of Button Functions 按钮功能简介

Buttons 遥控按键	Function 按键功能	Performance 按键介绍
	ON/OFF 开/关按键功能	Turn ON or OFF the sensor. 1. 开 / 关常亮长灭模式; 2. 关闭微波感应模式
	MW/PIR	Exchange from Microwave detection to PIR detection, for future use. 模式切换
	Reset 复位功能	Press it to start detection programming; before pressing any other buttons, the screen shows default programming (Detection Area 100%, Holdtime 5S, Daylight Disable, Standby Dimming 10%, Standby Period 0S) 切换功能模式 感应模式默认值为探测范围 100%, 延时 5S, 守候 10% 亮度, 守候时间 0s, 光感不受控。
	Start 开始设置	Press it before you try to memorize program into the remote; After pressing it, S on the screen will blink and keeping blinking while making the program. 按下 Start 键, 显示屏左下角有 S 字母闪烁即可开始通过下面功能设置, 选定自己想要的功能参数
	Memory 存储/保存	Press it after programming, the blinking S will become a solid M, that means the program has been well memorized. 设置好自定义功能参数后, 需按下 Memory 键进行存储, 才能成功存储自定义功能参数值于遥控器内;
	Apply 一键发送	Press it to deliver the preset program to the specific sensors; every press will make the whole screen blink gently. 其它的感应器要使用已存储好的自定义场景设置时, 在红外接收范围
	Detection area 探测范围设置	Also known as "sensitivity", 100% means the highest sensitivity and longest distance. Press it, specific icon on the screen will blink and press the + - buttons to adjust. 功能模式下按下此键显示屏上相应灵敏度栏图标闪烁, 此时可通过中间的加减键选择灵敏度参数。
	Hold time 延迟时间设置	The period that light will stay illuminated 100% after no motion's detected; Press it, specific icon on the screen will blink and press the + - buttons to adjust. 功能模式下按下此键显示屏上相应延时栏图标闪烁, 此时可通过中间的加减键选择延时时间参数。
	Daylight Threshold 日光阈值设置	The preset lux level to compare with ambient brightness when motion gets detected; Press it, specific icon on the screen will blink and press the + - buttons to adjust. 功能模式下按下此键显示屏上相应光感阈值栏图标闪烁, 此时可通过中间的加减键选择光感阈值参数。
	Stand-by period 守候时间设置	The period after holdtime, during which the light keeps standby dimming level; Press it, specific icon on the screen will blink and press the + - buttons to adjust. 功能模式下按下此键显示屏上相应守候时间栏图标闪烁, 此时可通过中间的加减键选择守候时间参数。
	Stand-by dimming level 守候亮度设置	After holdtime, the light will dim from 100% to optional standby dimming levels; Press it, specific icon on the screen will blink and press the + - buttons to adjust. 与守候时间结合使用; 功能模式下按下此键显示屏上相应守候亮度栏图标闪烁, 此时可通过中
	UP 向上翻/或递增	The main functional buttons to adjust the factors to wanted level. 这两个按键是选择键, 按功能按键后, 再按 +/- 键选择参数。
	DOWN 向下翻/或递减	
	POWER 输出功率设置	Supports to manually change dimming output in detection mode; Press it, specific icon on the screen will blink and press the + - buttons to adjust. 功能模式下按下此键显示屏左中位置出现 PW 闪烁, 此时可通过中间加减键设置灯的输出功率
	Test mode 测试模式键	Supports to check if the sensor works correctly with a short 2S holdtime; Press it and the holdtime will change to 2S, and it can't be memorized. 按下此键为感应模式测试模式键, 断电后不此参数设定。 灵敏度 100%, 延时 2S, 守候亮度 10%, 守候时间 0S, 光感不受控

HOW TO USE HD05R

HD05R 遥控使用步骤

1. SENSOR PROGRAMMING

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. Choose functional button of detection area, see icon blinking on the LCD screen display then use + - buttons to change
4. Same programming with all the other functional buttons of holdtime ,standby dimming level, standby period and daylight threshold
5. Done and leave the remote.

*Icon keeps blinking on the screen for 5S that means the program will then be kept after 5S.

*Each press will make sensor dim down light then back to 100%, it means remote signal has been well received.

2. MEMORY AND APPLY

@the 1st sensor

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. START button
4. Choose functional button of detection area, see icon blinking on the LCD screen display then use + - buttons to change
5. Same programming with all the other functional buttons of holdtime ,standby dimming level, standby period and daylight threshold

6. MEMORY button

7. APPLY button

@the other sensors

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. APPLY button

3. MANULLY DIMMING

ON/OFF mode

1. ON/OFF button to turn on the light
2. Press +- button to dim light directly, it dims from 10% to 100%

DIMMING mode

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. POWER button
4. +- buttons to dim light, but it only dims from 60% to 100%; 50% is one of the standby dimming level options

* Number on LCD screen display may keep changing 10%-100%.

1、微波感应设置

1. 首先按 Scene 键复位, 切换到感应模式;
2. 开始对探测范围 [A] / 延时时间 [B] / 日光感应 [C] / 守候亮度 [D] / 守候时间 [E] 设置参数, 按 [A] / [D] 键选择参数, 设置时显示屏上对应的图标会闪烁, 闪烁时间长度是 5s, 5s 后自动保存设置值, 同时, 每遥控一次灯会眨眼睛模式一次, 表示遥控信号接收成功并生效。
3. 遥控设置完成。

2、自定义存储设置和应用 Start / Memory / Apply

1. 首先按 Scene 键复位, 切换到感应模式;
2. 开始对探测范围 [A] / 延时时间 [B] / 日光感应 [C] / 守候亮度 [D] / 守候时间 [E] 设置参数, 选择功能键后以 [A] / [D] 键选择参数, 设置时显示屏上对应的图标会闪烁, 闪烁时间长度是 5s, 5s 后就会自动退出该模式。
3. 设置完成后, 按 Memory 键保存
4. 其它的感应器要应用已存储好的自定义场景模式时, 按 Apply 键即可应用已存储好的自定义场景模式, 同时灯也会眨眼睛模式, 表示遥控信号接收成功并生效。

3、灯亮度设置 (即输出功率设置) :

1. 灯亮度设置时有两种情况, 感应模式状态和常亮模式状态时。
2. 在常亮模式状态下, 按遥控 [A] / [D] 键设置, 调节范围 10% -100%。
3. 感应模式下状态下:
 - * 要先按遥控中的 Scene 键, 再按 POWER 键, 再按 [A] / [D] 键设置灯的亮度, 调节范围 60% -100%;
 - * 注意的是遥控上的数值可以调 10% -100%, 实际灯亮度调至 60% 后亮度不再变暗。



Simply Brilliant



Dimmable



High CRI



Product information

FEATURES

- 165W, 225W Wattage and CCT Selectable
- ETL, DLC 5.1 Premium
- High Lumen Efficacy 150Lm/W
- Pre-installed sensor receptacle
- Quick connect to plug & play motion sensor
- 0-10v Dimmable
- UGR<28 polycarbonate diffuser lens
- Slim design
- 50,000 hour life
- Multi-volt AC120-277/347V
- Steel housing with white coating
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Gymnasium
- Warehouse
- Museum
- Recreation Center

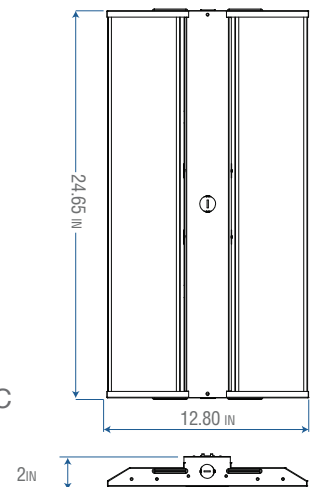
INSTALLATION

- Pendant
- Suspension
- Mounting: 3ft chains & hooks

ADDITIONAL INFO

- White Finish
- Operating Temperature -40°C ~+45°C
- Suitable for dry and damp location
- Optional: Microwave Sensor (L5638-2300) Remote (L5638-3300) 10FT Cord (L5638-5200)

DIAGRAM



ORDER CODE	MODEL	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L5635-0165-BX2	ILX-LH-AS4-2FT165WMV-WSC	S-M1135G	LINEAR HIGH BAY 165WS 3CCT MV	90W	120-347V	13500	3500K	105°	20	0.90	12.80x24.65x2	2
				120W	120-347V	18000	4000K	105°	20	0.90	12.80x24.65x2	2
				165W	120-347V	24750	5000K	105°	20	0.90	12.80x24.65x2	2
L5635-0225-BX2	ILX-LH-AS4-2FT225WMV-WSC	S-GGM3SN	LINEAR HIGH BAY 225WS 3CCT MV	120W	120-347V	18000	3500K	105°	20	0.90	12.80x24.65x2	2
				165W	120-347V	24750	4000K	105°	20	0.90	12.80x24.65x2	2
				225W	120-347V	33750	5000K	105°	20	0.90	12.80x24.65x2	2



Simply Brilliant



Dimmable



High CRI



Product information

FEATURES

- 110/160/220w, 15400/22400/30800LM
- DLC 5.1 Premium Listed
- High Lumen Efficacy 140Lm/W
- Pre-installed sensor receptacle
- Quick connect to plug & play motion sensor
- 0-10v Dimmable
- UGR<28 polycarbonate diffuser lens
- Slim design
- 50,000 hour life
- Multi-volt AC120-277/347V
- Steel housing with white coating
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Gymnasium
- Warehouse
- Museum
- Recreation Center

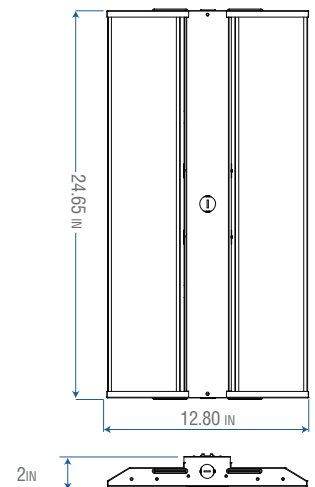
INSTALLATION

- Pendant
- Suspension
- Mounting: 3ft chains & hooks

ADDITIONAL INFO

- White Finish
- Operating Temperature -40°C ~+45°C
- Suitable for dry and damp location
- Optional: Microwave Sensor (L5638-2300)

DIAGRAM



ORDER CODE	MODEL	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L5634-2230-BX2	ILX-LH-AS3-2FT110WMV-40K	S-7M0249	LINEAR HIGH BAY 110W M-V 4K	110	120-347V	15400	4000K	105°	20	0.90	12.80x24.65x2	2
L5634-2250-BX2	ILX-LH-AS3-2FT110WMV-50K	S-MKV214	LINEAR HIGH BAY 110W M-V 5K	110	120-347V	15400	5000K	105°	20	0.90	12.80x24.65x2	2
L5634-2330-BX2	ILX-LH-AS3-2FT160WMV-40K	S-C37VAN	LINEAR HIGH BAY 160W M-V 4K	160	120-347V	22400	4000K	105°	20	0.90	12.80x24.65x2	2
L5634-2350-BX2	ILX-LH-AS3-2FT160WMV-50K	S-VEX6QZ	LINEAR HIGH BAY 160W M-V 5K	160	120-347V	22400	5000K	105°	20	0.90	12.80x24.65x2	2
L5634-2430-BX2	ILX-LH-AS3-2FT220WMV-40K	S-0TY5OX	LINEAR HIGH BAY 220W M-V 4K	220	120-347V	30800	4000K	105°	20	0.90	12.80x24.65x2	2
L5634-2450-BX2	ILX-LH-AS3-2FT220WMV-50K	S-WMYQPD	LINEAR HIGH BAY 220W M-V 5K	220	120-347V	30800	5000K	105°	20	0.90	12.80x24.65x2	2



Simply Brilliant



Dimmable



High CRI



Product information

FEATURES

- 110/160/220w, 15400/22400/30800LM
- DLC 5.1 Premium Listed
- High Lumen Efficacy 140Lm/W
- Pre-installed sensor receptacle
- Quick connect to plug & play motion sensor
- 0-10v Dimmable
- UGR<28 polycarbonate diffuser lens
- Slim design
- 50,000 hour life
- Multi-volt AC120-277/347V
- Steel housing with white coating
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Gymnasium
- Warehouse
- Museum
- Recreation Center

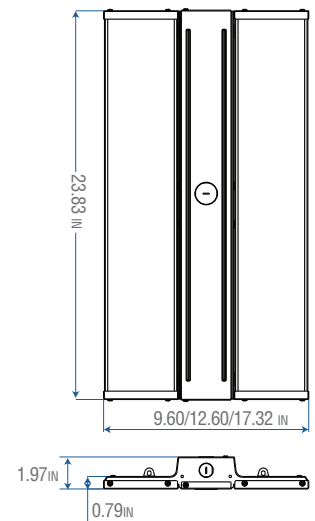
INSTALLATION

- Pendant
- Suspension
- Mounting: 3ft chains & hooks

ADDITIONAL INFO

- White Finish
- Operating Temperature -40°C ~+45°C
- Suitable for dry and damp location
- Optional: Microwave Sensor (L5638-2300)

DIAGRAM



ORDER CODE	MODEL	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L5633-2230-BX2	ILX-LH-AS2-2FT110WMV-40K	P3JS80RS	LINEAR HIGH BAY 110W M-V 4K	110	120-347V	15400	4000K	105°	20	0.90	9.60x23.83x1.97	2
L5633-2250-BX2	ILX-LH-AS2-2FT110WMV-50K	POW3RWTJ	LINEAR HIGH BAY 110W M-V 5K	110	120-347V	15400	5000K	105°	20	0.90	9.60x23.83x1.97	2
L5633-2330-BX2	ILX-LH-AS2-2FT160WMV-40K	PJUOKVC4	LINEAR HIGH BAY 160W M-V 4K	160	120-347V	22400	4000K	105°	20	0.90	12.60x23.83x1.97	2
L5633-2350-BX2	ILX-LH-AS2-2FT160WMV-50K	PB7ZU4YA	LINEAR HIGH BAY 160W M-V 5K	160	120-347V	22400	5000K	105°	20	0.90	12.60x23.83x1.97	2
L5633-2430-BX2	ILX-LH-AS2-2FT220WMV-40K	PET19YHJ	LINEAR HIGH BAY 220W M-V 4K	220	120-347V	30800	4000K	105°	20	0.90	17.32x23.83x1.97	2
L5633-2450-BX2	ILX-LH-AS2-2FT220WMV-50K	PQZKBFUX	LINEAR HIGH BAY 220W M-V 5K	220	120-347V	30800	5000K	105°	20	0.90	17.32x23.83x1.97	2

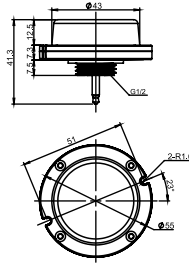
■ Bi-level Microwave Sensor For High Bay Light L5638-2300 Instruction



L5638-2300



L5638-3300



INTRODUCTION

The L5638-2300 is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body.

The sensors use microwave sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is desired. Sensors must directly "see" motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor's line of sight.

SPECIFICATIONS

Power supply	12V-24V DC, >50mA
Dim control output	0-10V, max. 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 50ft.(15meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
IP rating	IP65

⚠ WARNING

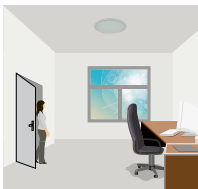
NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☀, Dimming level: 30%, Dimming time: 60minutes.

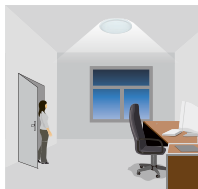
NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

CORRIDOR FUNCTION

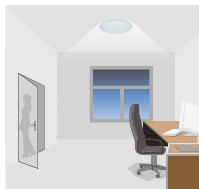
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



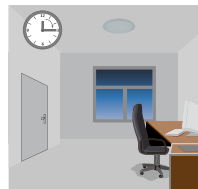
With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

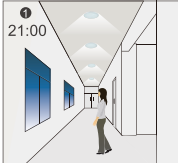


Light switches off automatically after the stand-by period elapses.

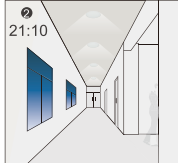
■ Bi-level Microwave Sensor For High Bay Light L5638-2300 Instruction

DAYLIGHT SENSOR FUNCTION

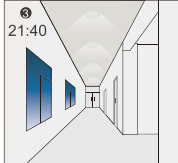
Open the daylight sensor by push  when remote control is in setting condition.



The light switches on at 100% when there is movement detected.



The light dims to stand-by level after the hold-time.



The light remains in dimming level at night.

Settings on this demonstration:

Hold-time: 30min

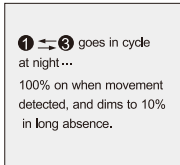
Setpoint on:50lux

Setpoint off:300lux

Stand-by Dim: 10%

Stand-by period: +∞

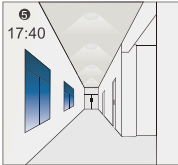
(when the smart photocell sensor open, the stand-by time is only +∞)



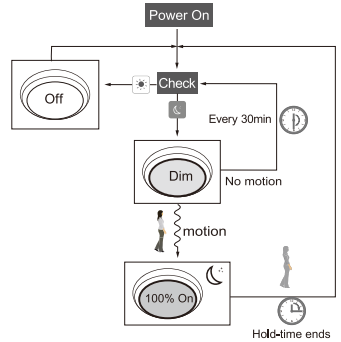
① → ② → ③ goes in cycle at night ...
100% on when movement detected, and dims to 10% in long absence.



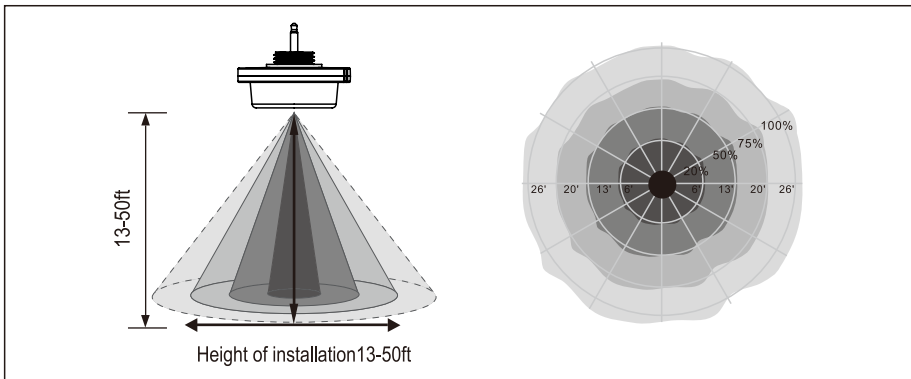
When the natural light level exceeds setpoint off to light, the light will turn off even if when the space is occupied.



The light automatically turns on at 10% when natural light is insufficient (no motion).



SENSOR COVERAGE



L5638-3300

Sensor Remote Programmer OPERATION INSTRUCTIONS

SPECIFICATIONS

Power supply	2 x AAA 1.5V battery, Alkaline preferred
Carrying case	RC-100 in carrying case
Upload range	Up to 15 m (50 ft.)
Op. temperature	0°C~50°C (32°F~122°F)
Dimensions	123 x 70 x 20.3 mm (4. 84" x 2.76" x 0. 8")



⚠ WARNING

Remove the batteries from compartment if the remote will not be used in 30 days.

OVERVIEW

The remote control Wireless IR Configuration Tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device to modify via pushbutton without ladders or tools, and stores up to four sensor parameter modes to speed configuration of multiple sensors.

The remote control send sensor setting at mounting height up to 50 feet. The device can display previously established sensor parameters, copy parameters and send new parameters or store parameter profiles. For projects where identical settings may be desired across a large number of areas or spaces, this capability provides a streamlined method of configuration. Settings can be copied throughout a site, or in different sites.

LED INDICATORS

LED	DESCRIPTION	LED	DESCRIPTION
BRIGHTNESS	High end trim turning function(To Set the output level of connected lighting during occupancy)		To select the current surrounding lux value as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.
SENSITIVITY	To set the occupancy sensing sensitivity of the Sensor		The daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is.
HOLD TIME	The time that the Sensor will turn off(if you choose stand-by level is 0) or dim the light to a low level after the area is vacated	STAND-BY DIM	To set the output level of connected lighting during vacancy. The sensor will regulate the lighting output at the set level. Setting the STAND-BY DIM level at 0 means light full off duringvacancy.
DAYLIGHT SENSOR	To represents various thresholds of natural light level for the Sensor .	STAND-BY TIME	To represents the time that the Sensor will keep the light at low dim level after the HOLD TIME elapsed.

BUTTON OPERATION

BUTTON	DESCRIPTION	BUTTON	DESCRIPTION
	Press the button, the light goes to permanent on or permanent off mode, and the sensor is disabled. (MUST press button to quit this mode for Setting.		Press button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.
	Display the current/lastest setting parameters in LED indicators(the LED indicators will on for showing the setting parameters).		The button is for testing purpose sensitivity only. after you choose sensitivity thresholds, then you press button, The sensor goes to test mode(hold time is only 2s) automatically ,meanwhile the stand-by period and daylight sensor are disabled. Press button to quit from this mode.
	Press button, all settings go back to settings of dip Switch in sensor.		
	Enter in the setting condition, the parameter leds of remote control will flash to be selected. and Navigate to UP and Down for choose selected parameters in LED indicators.		Navigate to LEFT and RIGHT for choose selected parameters in LED indicators.
	Confirm the selected parameters selected parameters in remote control.		Open and close smart daylight Sensor. Press Enter in the setting condition, the parameter leds of remote control will flash to be selected, Press for open or close smart daylight Sensor.
	Press button, upload the current parameters to sensor(s), the led light which the sensor connects will on/off as confirm.		
	4 Scene modes with preset parameters which are available to be changed and saved in modes.		

SETTING

The SETTING Content contains all available settings and parameters for remote sensors. It allows you to change the available control, parameters, and operation of the sensor from factory default or current parameters.

Change multiple settings of sensor(s)

1. Press button, the remote control leds will show the latest parameters you set.
NOTE: if you push button before, you must push button to unlock the sensor.
2. Press enter in the setting condition, the parameter leds of remote control will flash to be selected, navigate to the desired setting by pressing to select the new parameters.
3. Press ok to confirm all setting and saving.
4. Aim at the target sensor and press to upload the new parameter, the led light which the sensor connects will on/off as confirm.

NOTE: the setting works key step is by Push , enter in the setting condition.

NOTE: the led light which the sensor connects will on/off after getting the new parameter as confirm.

NOTE: If you press button, the remote led indicators will show the latest parameters which were sent.

Change multiple setting of sensors with smart photocell sensor Open

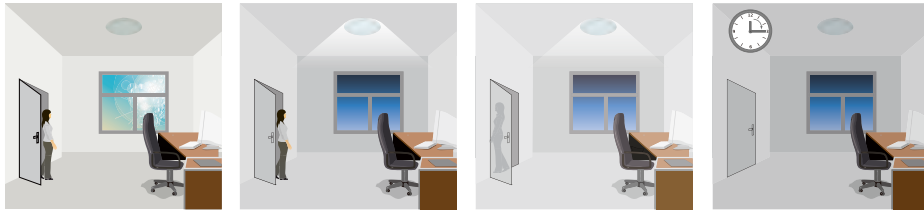
1. Press **(DISP)**, the remote led indicators will show the latest parameters.
2. Press **(▲)** or **(▼)** enter in the setting condition, the parameter Led indicators of remote control will flash to be selected.
3. Press **(F)**, 2 led indicators will flash in daylight sensor settings, select daylight **(10)** **(30)** **(50)** as setpoint to light on Automatically, select daylight **(100)** **(300)** **(500)** as setpoint to light off Automatically.
4. Press **(OK)** to confirm all setting and saving.
5. Aim at the target sensor and press **(SEND)** to upload the new parameter. The led light which the sensor connects will on/off.

NOTE: **(F)** is disabled by default.

1. Open or close the smart daylight sensor by push **(F)** when remote control is in setting condition.
2. When the smart daylight sensor open, 2 Led indicators are flash in daylight sensor setting. select daylight **(10)** **(30)** **(50)** as setpoint to light on Automatically, select daylight **(100)** **(300)** **(500)** as setpoint to light off automatically. When smart daylight sensor close, 1 Led indicator is flash in the daylight sensor setting for choose daylight sensor threshold.
3. When the smart daylight sensor open, the stand-by time is only **(+∞)**.
4. Smart daylight sensor takes place of normal photocell sensor and works independently.
5. See **Daylight Sensor Function**.

Corridor Function

This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%→dimmed light (natural light is insufficient)→off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence is detected.

With insufficient natural light, the sensor switches on the light automatically when presence is detected.

After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

Light switches off automatically after the stand-by period elapses.

Daylight Sensor Function

Open the daylight sensor by push **(F)** when remote control is in setting condition.

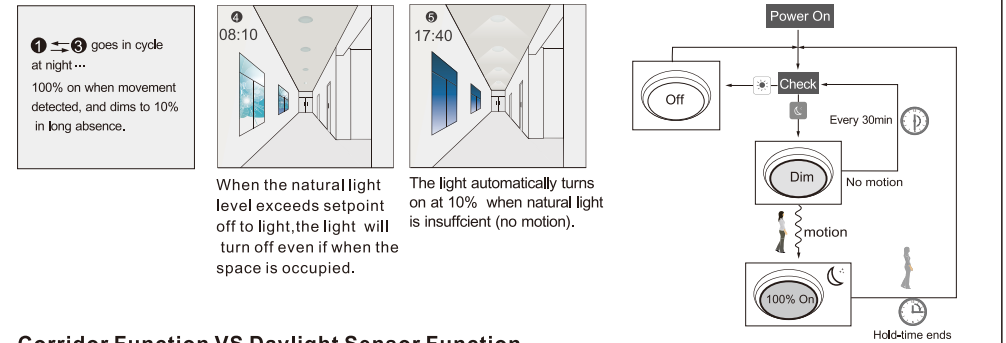


The light switches on at 100% when there is movement detected.

The light dims to stand-by level after the hold-time.

The light remains in dimming level at night.

Settings on this demonstration:
Hold-time: 30min
setpoint to light on: 50lux
setpoint to light off: 300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)



Corridor Function VS Daylight Sensor Function.

1. In corridor function, turn on the light MUST by natural light level lower daylight sensor setting and Occupancy. In smart daylight sensor function, turn on the light by natural light level lower daylight setpoint to light on even if vacancy.
2. In corridor function, turn off light by stand-by time finish if vacancy. In smart daylight sensor function, turn off the light by natural light level higher than daylight setpoint to light off even if occupancy.
3. In smart daylight sensor function, natural light level lighter/lower than daylight setpoint to light off/on MUST keep at least 1mintue, that will turn off/on the light automatically.

About RESET and MODE(1,2,3,4)

The remote control comes with 4 Scene MODES which are not default. You may make desired parameters and save as the new MODE(1,2,3,4) to configure the installed sensors.

RESET: all settings go back to settings of DIP Switch in sensor.

SCENE MODES(1 2 3 4)

Application	Scene Options	Brightness	Detection Area	Hold Time	Stand-by Time	Stand-by Dim Level	Daylight Sensor
Indoor	Mode 1	100%	75%	5min	30min	30%	
Indoor	Mode 2	100%	75%	1min	+∞	30%	
Indoor	Mode 3	100%	75%	5min	30min	30%	30LUX
Outdoor	Mode 4	100%	75%	1min	+∞	30%	(F) (30LUX/300LUX)

Change the MODES:

1. Press **(MODE)** / **(MODE)** / **(MODE)** / **(MODE)** button, the remote control Led indicators show existing parameters.
2. Press **(▲)** / **(▼)** / **(◀)** / **(▶)** to select the new parameters.
3. Press **(OK)** to confirm all parameters and saving in the mode.

UPLOAD

The upload function allows you to configure the sensor with all parameters in one operation. You may select CURRENT SETTING parameters or the MODE for uploading. Current setting parameters or the MODE are displayed in Remote control.

Upload the current parameters to sensor(s), and duplicate the sensor parameters form one to another

1. Press **(DISP)** button or press **(MODE)** / **(MODE)** / **(MODE)** / **(MODE)**, all parameters are displayed in Remote control.

Note: check if all parameters are correct, if not, change them.

2. Aim at the sensor and press **(SEND)** button, the light that sensor connects will be on/off as confirm.

Note: if other sensor need same parameters, just aim at the sensor and press **(SEND)** button.

1. Features



- Operating voltage 120/277/347V AC, suitable to North American market.
- Patented microwave antenna, mounting height is 15m Max, suitable to install in most of warehouses.
- Work with 1-10V dimmable LED driver, easy to achieve 2-step or 3-step dimming function.
- Work with remote controller MH01, easy to adjust sensor parameters.

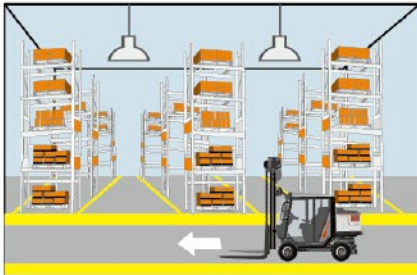
2. Parameter

Input	Operating Voltage Range	108-381V AC, 50Hz/60Hz
	DC Input Voltage	N/A
	Rated Voltage	120/277/347Vac, 50/60Hz
	No-load Power	N/A
	Stand-by Power	<1.5W
	Surge Test	L--N: 2kV
Output	Working Mode	ON/OFF function, 1-10V step dimming
	Type of Load	Inductive or Resistive Load
	Load Capacity	120VAC: 3.6A; 277VAC: 3.4A; 347VAC: 3.3A
	Current of Load	N/A
	Max. Surge Capacity	50A (50% I _{peak} , t _{width} =500uS, 277Vac full load, cold start); 80A (50% I _{peak} , t _{width} =200uS, 277Vac, full load, cold start)
Dim Interface	1-10V Dimming	< 50mA (Non-constant source) 10%(1.4-1.6V), 20%(1.9-2.1V), 30%(2.9-3.1V), 50% (4.9-5.1V)
	Synchronous Control	N/A
	High Low-level	N/A
	PWM Control	N/A
Sensor Parameters	Operating Frequency	5.8 GHz ±75 MHz , ISM Band.
	Transmitting power	0.5mW Max.
	Hold time	DIP switch: 5s/30s/1min/3min/20min/30min Remote control: 5s/30s/1min/3min/5min/10min/20min/30min
	Stand-by DIM Level	DIP switch & Remote control: 10%/20%/30%/50%
	Stand-by Period	DIP switch: 0s/1min/3min/10min/30min/+∞

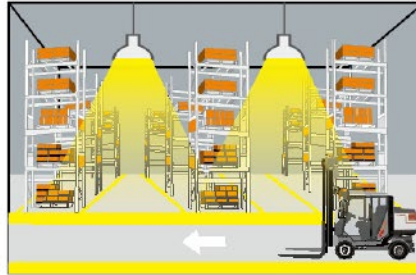
		Remote control: 0s/10s/1min/3min/5min/10min/30min/+∞
	Detection Area	DIP switch: 100%/50% Remote control: 25%/50%/75%/100%
	Daylight Sensor	DIP switch & Remote control: 5lux/15lux/30lux/50lux/100lux/150lux/Disable (Ambient light diffusion)
	Daylight on/off	N/A
	Detecting Radius	5-8m (mounting height 8m) See note 2
	Mounting Height	15m Max
	Detecting Angle	150°(wall mounting) 360°(ceiling mounting)
Wireless Module	Operating Frequency	N/A
	Transmitting power	N/A
	Transmitting distance	N/A
	Modulation mode	N/A
	Number of coding	N/A
Operating Environment	Operating Temperature	-35°C...+55°C
	Storage Temperature	Temperature: -40°C...+80°C; Humidity: 10%-95% (non-condensing)
Certificate Standards	Safety standards	UL 60730
	EMC standards	FCC PART15
	Environmental Requirement	Compliant to RoHS
	Certificate	cULus
Others	Wiring	Input: STW, 3*18AWG exposed line length: 810-830mm 1-10V DC: SJTW, 2*18AWG exposed line length: 810-830mm
	IP Rating	IP65
	Protection Class	Class II
	Installation	Independent
	Dimension	(ΦxH)72*59mm
	Package	Instruction+ White box+ White box tags+ Clapboard+ Carton(K=A)
	Net Weight	MC609V A: 315g, MC609V C:343g , MC609V D:175g
	Lifetime	50,000h @ Ta Full load
<p>Note</p> <p>1. "N/A" means not available.</p> <p>2. Detection area is effected on volume of motion object and motion speed. The detection area is tested by a 165cm height person and walking speed is 0.5m/s.</p>		

3. Function

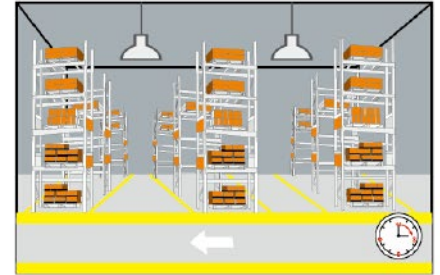
1) On/OFF Function (stand-by period be set to "0"s)



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

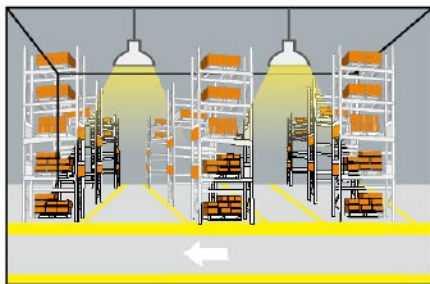


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

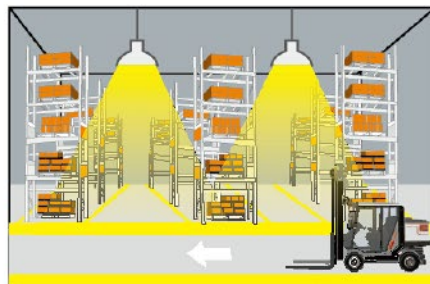


3 After elapse of hold time, the sensor switches off the light when no motion is detected.

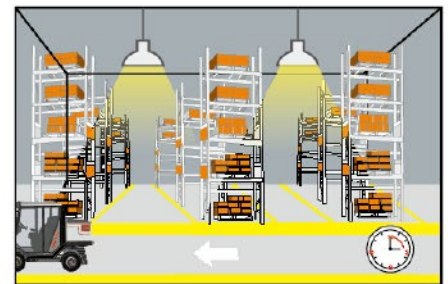
2) 2-step dimming function (stand-by period be set to "+∞")



1 If there is no motion detected, the light will be remained at a low light level all the time.

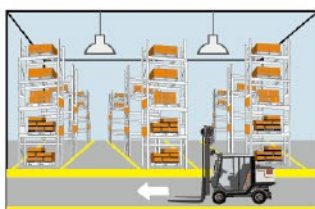


2 When motion is detected, the sensor will switch on the light to 100% brightness

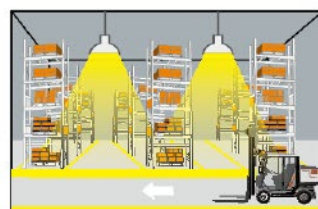


3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

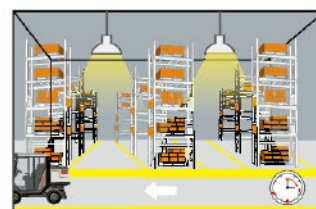
3) 3-step dimming function (stand-by period be set to "10s/1min/3min/5min/10min/30min")



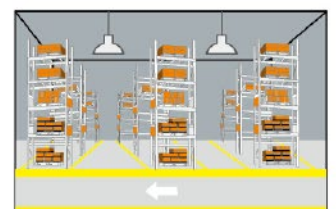
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



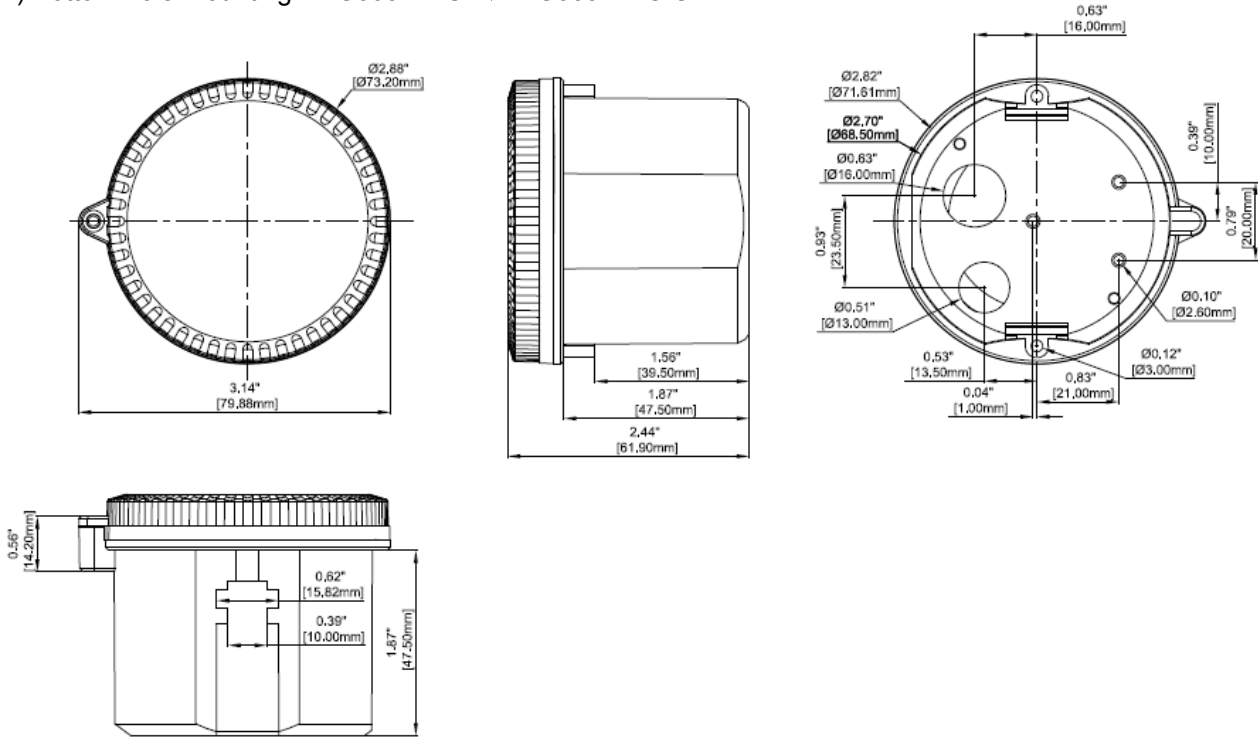
3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



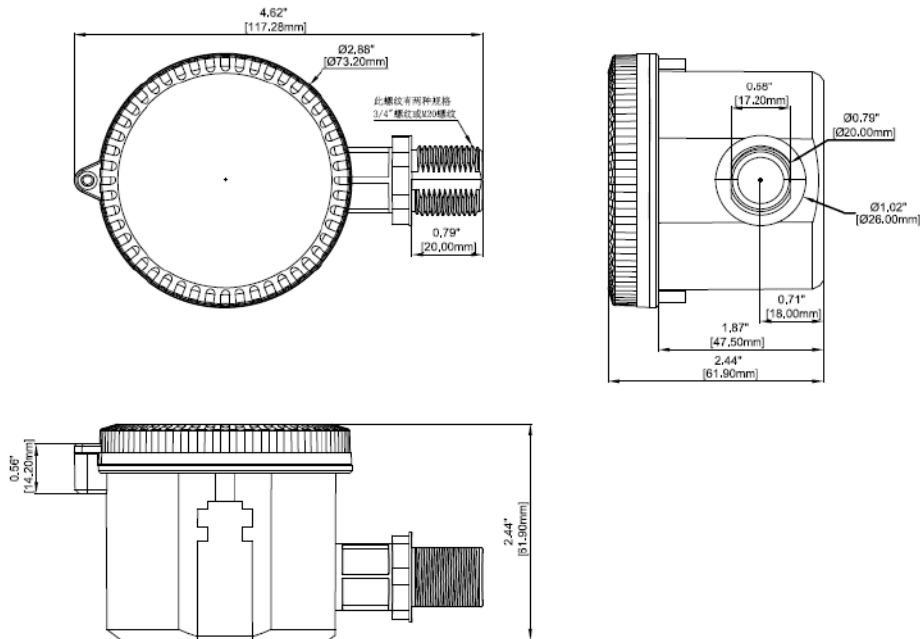
4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

4. Dimension (mm)

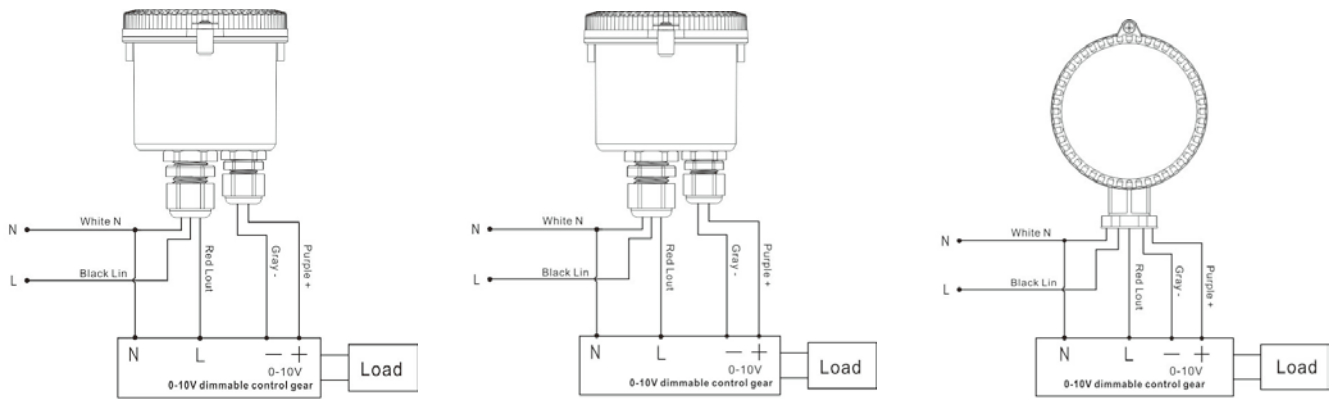
1) Bottom hole mounting : MC609V RC A, MC609V RC C



2) Side screw mounting: MC609V RC D



5. Wiring



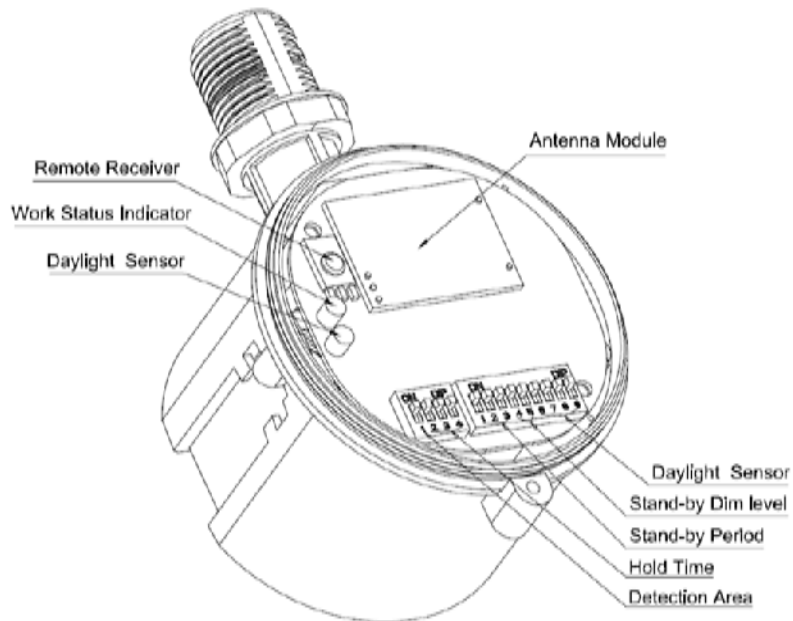
MC609V RC A

MC609V RC C

MC609V RC D

*The sensor is designed for connect one load only. Connect more than one loads may damage the sensor.

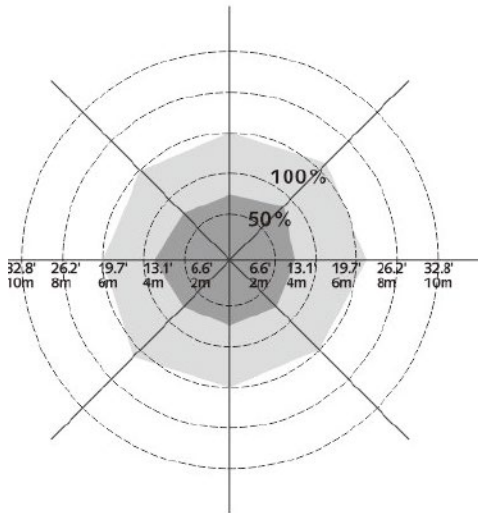
6. Structure



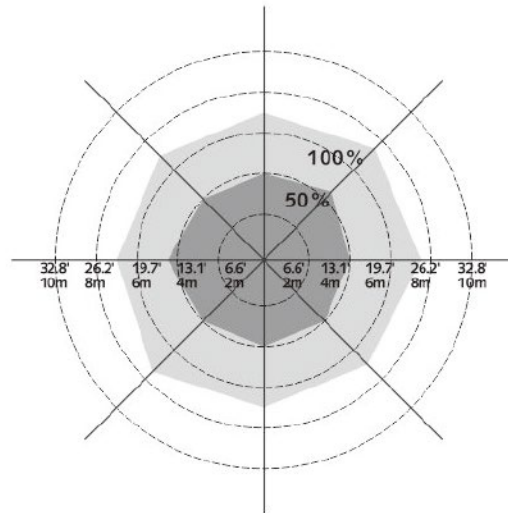
7. Radiation Pattern

Ceiling mounting

Fast walk

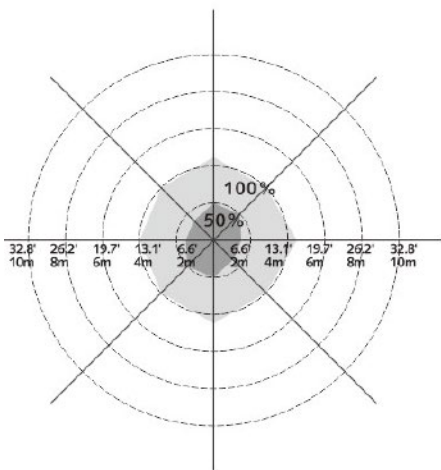


Slow walk

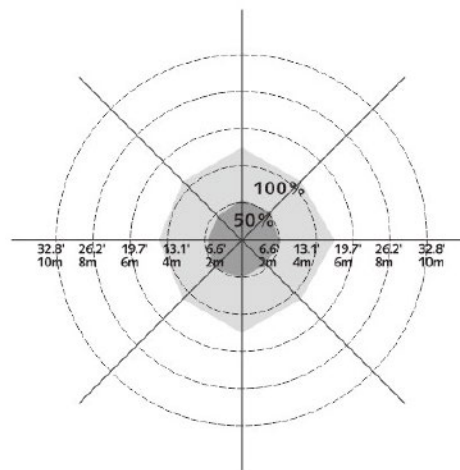


Mounting height:9.8ft/3m

Fast walk

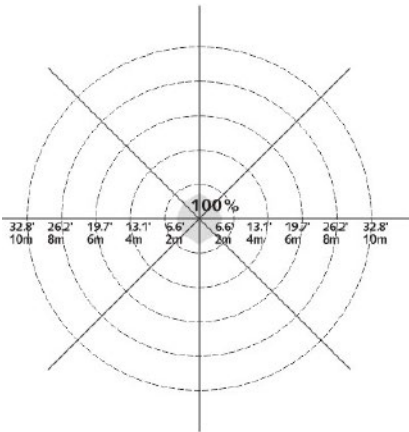


Slow walk

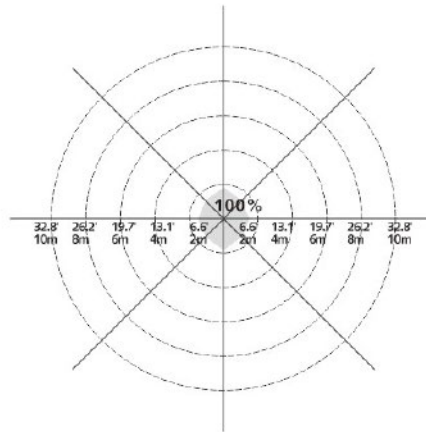


Mounting height:29.5ft/9m

Fast walk



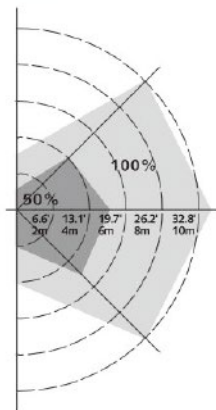
Slow walk



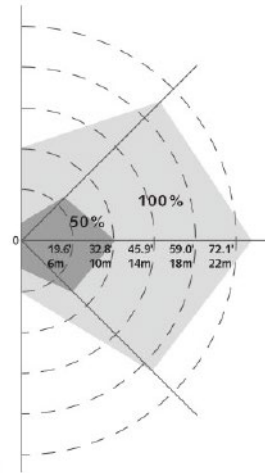
Mounting height: 49.2ft/15m

Wall mounting

Fast walk



Slow walk

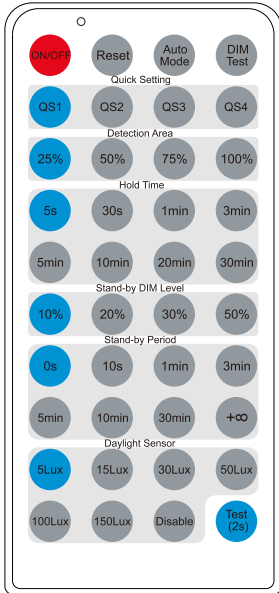


Wall Mounting Height: 6.6ft/2m

Note: Speed of slow walking: 0.3m/s; Speed of fast walking: 1m/s

8. Remote Control

Model: MH01 Itel No.: L5530-4001



The green work light of microwave sensor will flash 3 times if set successfully by remote control.

Button	Remarks																														
	Press the "ON/OFF" button, the light goes to constant on or constant off mode, sensor is disabled. Press "Reset" or "Auto Mode" button to quit from this mode.																														
	Press "Reset" button, all parameters are same as setting of DIP switch.																														
	Press "Auto Mode" button, the sensor starts to work and all parameter setting will be remained the same as the previous status before the light was switched on/off.																														
	Press "DIM Test" button to test dimming function. Sensor will dim automatically and return to normal work mode.																														
	The button "Test(2s)" is for factory testing purpose only. The sensor will go to test mode, Detection sensitivity: 100% Hold time: 2sec stand-by dim level:10% Stand-by period: 0s Daylight sensor: Disable Test mode can be quit by pressing any button.																														
	<table border="1"> <thead> <tr> <th>scene Options</th> <th>Detection Area</th> <th>Hold Time</th> <th>Stand-by period</th> <th>Stand-by dim level</th> <th>Daylight Sensor</th> </tr> </thead> <tbody> <tr> <td>QS1</td> <td>100%</td> <td>30s</td> <td>1min</td> <td>10%</td> <td>5Lux</td> </tr> <tr> <td>QS2</td> <td>100%</td> <td>1min</td> <td>3min</td> <td>10%</td> <td>10Lux</td> </tr> <tr> <td>QS3</td> <td>100%</td> <td>5min</td> <td>10min</td> <td>10%</td> <td>30Lux</td> </tr> <tr> <td>QS4</td> <td>100%</td> <td>10min</td> <td>30min</td> <td>10%</td> <td>Disable</td> </tr> </tbody> </table> <p>Note: Detection area / Hold time /Stand-by period / Stand-by dim level / Daylight sensor can be adjust by pressing corresponding button. The latest setting stays in validity.</p>	scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	QS1	100%	30s	1min	10%	5Lux	QS2	100%	1min	3min	10%	10Lux	QS3	100%	5min	10min	10%	30Lux	QS4	100%	10min	30min	10%	Disable
scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor																										
QS1	100%	30s	1min	10%	5Lux																										
QS2	100%	1min	3min	10%	10Lux																										
QS3	100%	5min	10min	10%	30Lux																										
QS4	100%	10min	30min	10%	Disable																										

9. DIP Switch Setting

Detection Area (Sensitivity)

	1	
I	ON	100%
II	-	50%

Hold Time

	2	3	4	
I	ON	ON	ON	5s
II	-	ON	ON	30s
III	ON	-	ON	1min
IV	-	-	ON	3min
V	ON	ON	-	20min
VI	-	-	-	30min

Stand-by Period

	1	2	3	
I	ON	ON	ON	0s
II	-	ON	ON	1min
III	ON	-	ON	3min
IV	-	-	ON	10min
V	ON	ON	-	30min
VI	-	-	-	+∞

Stand-by Dim Level

	4	5	Brightness%	Voltage of 1-10V interface

I	ON	ON	10%	1.4-1.6V
II	ON	-	20%	1.9-2.1V
III	-	ON	30%	2.9-3.1V
IV	-	-	50%	4.9-5.1V

Daylight Sensor

	6	7	8	9	
I	ON	ON	ON	ON	5Lux
II	-	ON	ON	ON	15Lux
III	ON	-	ON	ON	30Lux
IV	-	-	ON	ON	50Lux
V	ON	ON	-	ON	100Lux
VI	ON	ON	ON	-	150Lux
VII	-	-	-	-	Disable*

*Disable means the daylight sensor does not work. The sensor will turn on light once motion is detected regardless of ambient light level.

10. Initialization

1/ On/Off function /3-step dimming function:

After power on, the sensor automatically turns on light at 100% brightness. After 10sec, it turns off the light. During the initialization, the sensor is not able to detect movement.

2/ 2-step dimming function:

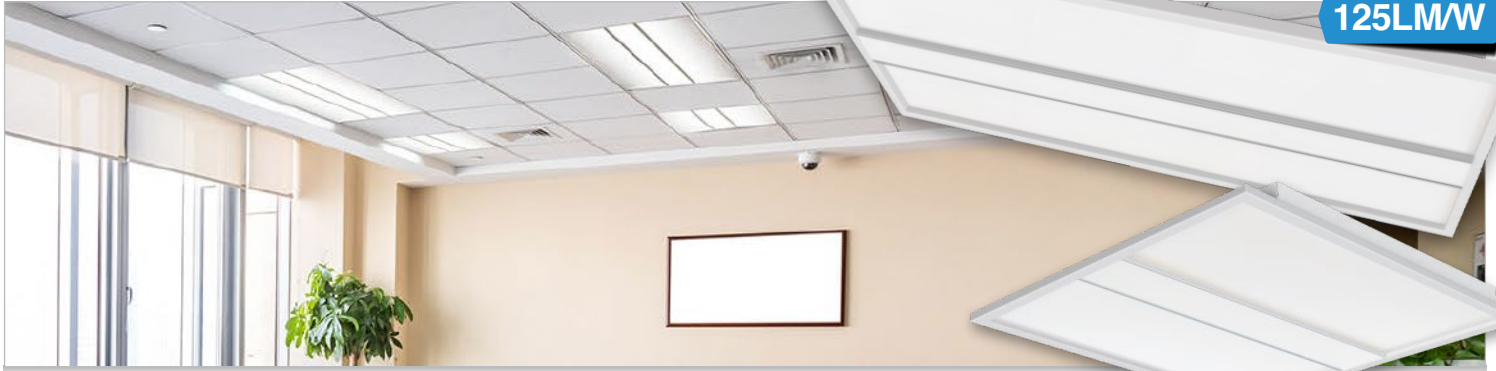
After power on, the sensor automatically turns on light at 100% brightness. After 10sec, it dims the light to a low light level (set by stand-by dim level). During the initialization, the sensor is not able to detect movement.

11. Factory Setting

Detection area: 100%, Hold Time: 5S, Stand-by Period: 0s, Stand-by dim level: 10%, Daylight Sensor: Disable

12. Application Notice

- 1/ The sensor is designed for indoor use only. Outdoor use for a long time may reduce the waterproof effects. The raining or wind blowing may trigger the microwave sensor even if without human motion when outdoor use.
- 2/ The distance between any two sensors should be at least 3m to avoid interference with each other.
- 3/ When the microwave sensor is installed in a metal lighting fixture or space with large reflector, for example a warehouse with metal roof, the microwave will be reflected and cause the lights permanently illuminated even if without motion signal. Please reduce the detection area (sensitivity) to solve the problems, or contact the microwave sensor manufacturer to provide technical support.
- 4/ Make sure the sensor not close to or be blocked by high density material, such as metal, glass, concrete walls etc. The materials will reduce or block microwave and cause false trigger.
- 5/ Make sure there are no fans or other vibrating objects in installation area. The movements will trigger sensor as well.



Simply Brilliant



High CRI



Dimmable



Product information

FEATURES

- 2x2, 2x4FT 125LM/W Backlit Troffer
- High Lumen Efficacy
- DLC 5.1 Premium, cUL listed
- Dimmable (0-10V)
- L70 50,000 hour life
- High CRI 80+
- No ballast required
- Polycarbonate diffuser
- Aluminum housing
- Suitable for damp locations
- Quick & easy installation
- Mercury free, instant on
- 5-year warranty

APPLICATION

- Healthcare
- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

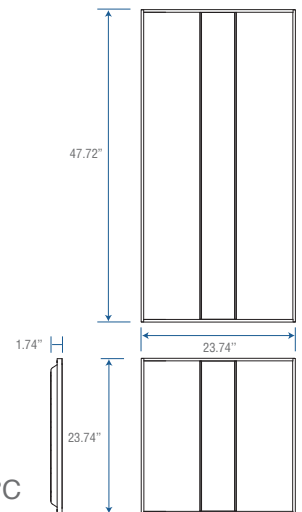
INSTALLATION

- Recessed
- Suspending

ADDITIONAL INFO

- White Trim
- Tested Dimmers: Lutron Diva-Dvtv, Leviton IP-710-DL
- Operating Temperature -20°C ~+40°C

DIAGRAM



ITEM NO.	MODEL NO.	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L2985-3250-BX2	ILX-BLT22-35W-MV-3CCT	BACKLIT TROFFER 2X2 35WS 3CCT MV 125L/W	25W		2750	3500K					
			30W	120-347V	3300	4000K	110°	20	0.9	23.74x23.74x1.74	2
			35W		3850	5000K					
L2985-3360-BX2	ILX-BLT24-50W-MV-3CCT	BACKLIT TROFFER 2X4 50WS 3CCT MV 125L/W	30W		3300	3500K					
			40W	120-347V	4400	4000K	110°	20	0.9	47.72x23.74x1.74	2
			50W		5500	5000K					

MODEL EXAMPLE

ILX	BLT	24	50WS	MV	3CCT
Brand	Product Type	Size	Wattage	Voltage	CCT
illuminex	Backlit Troffer Series	1=1FT 2=2FT 4=4FT	Selectable 25/30/35W 30/40/50W	MV=120-347V Multi-Volt	Color Changeable 3500K/4000K/5000K

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



125LM/W

Simply Brilliant



High CRI



Dimmable



Intertek



Product information

FEATURES

- 1x4, 2x2, 2x4FT 125LM/W Backlit Panel
- Watts Selectable to 25/30/35W & 30/40/50W
- Color Selectable to 3500K/4000K/5000K
- DLC 5.1 Premium, ETL listed
- Dimmable (0-10V)
- 50,000 hour life
- High CRI 80+
- Replaces 4 x F32T8 Fixture
- No ballast required
- Polycarbonate diffuser
- Aluminum housing AL6063-T6
- Suitable for damp locations (IP20)
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Healthcare
- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

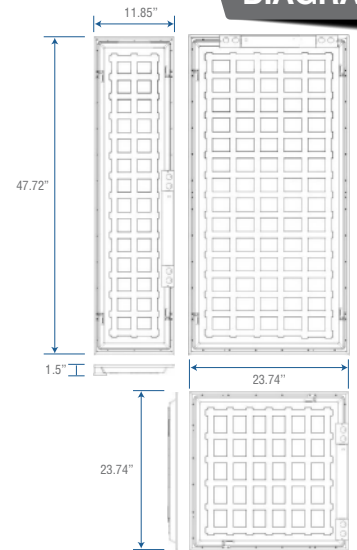
INSTALLATION

- Recessed
- Suspending

ADDITIONAL INFO

- White Trim
- Operating Temperature -20°C ~+45°C

DIAGRAM



ITEM NO.	MODEL NO.	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	PF	MOL (IN)	CASE QTY.
L2732-3150-BX2	ILX-BLP314-35W-MV-T3CCTWS	S-7DZBWA	BACKLIT 1X4 35WS 3CCT MV 125L	25	120-347V	3125	3500K	120°	0.9	47.72x11.85x1.5	2
				30		3750	4000K				
				35		4375	5000K				
L2732-3250-BX2	ILX-BLP322-35W-MV-T3CCTWS	S-G7VS3C	BACKLIT 2X2 35WS 3CCT MV 125L	25	120-347V	3125	3500K	120°	0.9	23.74x23.74x1.5	2
				30		3750	4000K				
				35		4375	5000K				
L2732-3350-BX2	ILX-BLP324-50W-MV-T3CCTWS	S-X156YF	BACKLIT 2X4 50WS 3CCT MV 125L	30	120-347V	3750	3500K	120°	0.9	47.72x23.74x1.5	2
				40		5000	4000K				
				50		6250	5000K				

MODEL EXAMPLE

ILX	BLP3	24	50W	MV	T3CCTWS
Brand	Product Type	Size	Wattage	Voltage	Feature
illuminex	Backlit Panel Series	1=1FT 2=2FT 4=4FT	35W 50W	MV=120-347V Multi-Volt	3CCT=35/40/50K WS=Watts Selectable

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



Simply Brilliant



High CRI Dimmable



Product information

FEATURES

- 1x4, 2x2, 2x4FT 125LM/W Backlit Panel
- High Lumen Efficacy
- DLC Premium, ETL listed
- Dimmable (0-10V)
- 50,000 hour life
- High CRI 80+
- Replaces 4 x F32T8 Fixture
- No ballast required
- Polycarbonate diffuser
- Aluminum housing AL6063-T6
- Suitable for damp locations
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Healthcare
- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

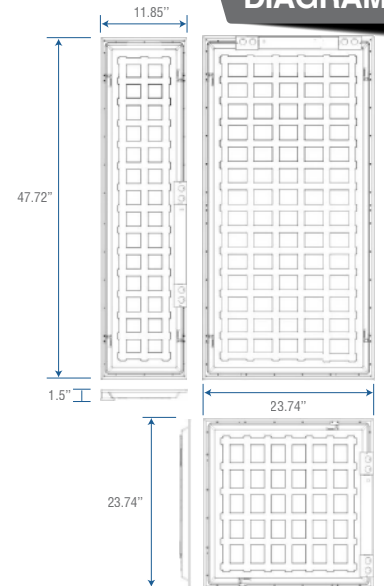
INSTALLATION

- Recessed
- Suspending

ADDITIONAL INFO

- White Trim
- Operating Temperature -20°C ~+45°C

DIAGRAM



ITEM NO.	MODEL NO.	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	IP	PF	MOL (IN)	CASE QTY.
L2730-3123	ILX-BLP214-30W-MV-40K	PLXSTI2ZMT9D	BACKLIT 1X4 30W 40K MV 125L/W	30	120-347V	3750	4000K	120°	20	0.9	47.72x11.85x1.5	2
L2730-3125	ILX-BLP214-30W-MV-50K	PL2CNUJ2TAEV	BACKLIT 1X4 30W 50K MV 125L/W	30	120-347V	3750	5000K	120°	20	0.9	47.72x11.85x1.5	2
L2730-3222	ILX-BLP222-30W-MV-35K	PLVMUJQRJRU85	BACKLIT 2X2 30W 35K MV 125L/W	30	120-347V	3750	3500K	120°	20	0.9	23.74x23.74x1.5	2
L2730-3223	ILX-BLP222-30W-MV-40K	PLF4IXV2P5R7	BACKLIT 2X2 30W 40K MV 125L/W	30	120-347V	3750	4000K	120°	20	0.9	23.74x23.74x1.5	2
L2730-3225	ILX-BLP222-30W-MV-50K	PLXQIXH5SP4B	BACKLIT 2X2 30W 50K MV 125L/W	30	120-347V	3750	5000K	120°	20	0.9	23.74x23.74x1.5	2
L2730-3332	ILX-BLP224-40W-MV-35K	PLCXKZKW17QG	BACKLIT 2X4 40W 35K MV 125L/W	40	120-347V	5000	3500K	120°	20	0.9	47.72x23.74x1.5	2
L2730-3333	ILX-BLP224-40W-MV-40K	PL6BB7WXZSQQ	BACKLIT 2X4 40W 40K MV 125L/W	40	120-347V	5000	4000K	120°	20	0.9	47.72x23.74x1.5	2
L2730-3335	ILX-BLP224-40W-MV-50K	PLUBREFN7YZL	BACKLIT 2X4 40W 50K MV 125L/W	40	120-347V	5000	5000K	120°	20	0.9	47.72x23.74x1.5	2

MODEL EXAMPLE

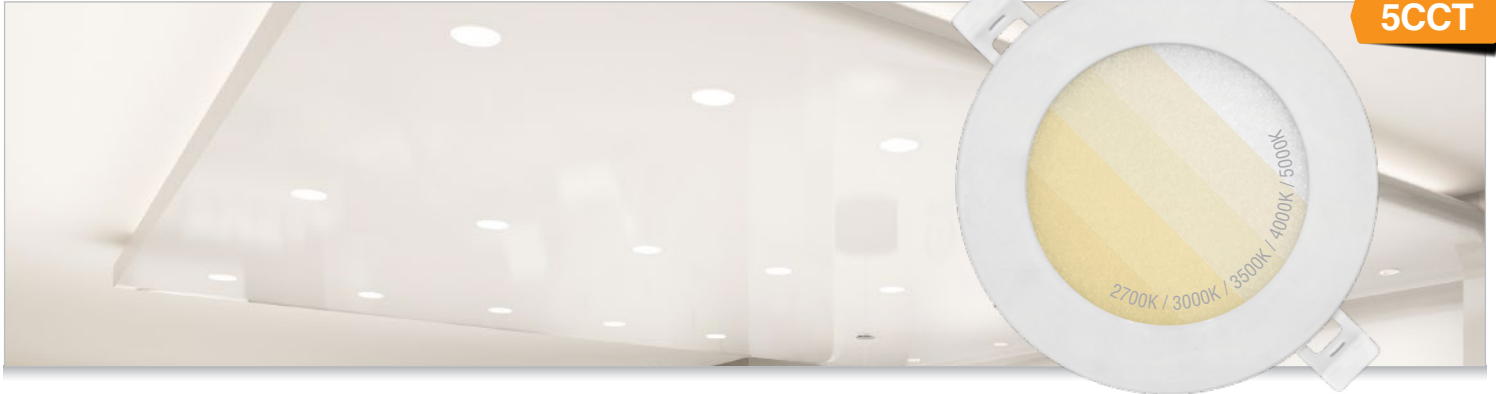
ILX	BLP2	24	40W	MV	40K
Brand	Product Type	Size	Wattage	Voltage	CCT
illuminex	Backlit Panel Series II	1=1FT 2=2FT 4=4FT	30W 40W	MV=120-347V Multi-Volt	35=3500K 40=4000K 50=5000K

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



The freedom of Color Changing Temperature (CCT)!

Selectable Color Temperatures of 2700K/3000K/3500K/4000K/5000K



Product information

FEATURES

- 4" 9w 840LM
- Selectable color temperatures of 27000K/3000K/3500K/4000K/5000K
- Fire rated 2H FT4 cable
- Suitable for wet locations
- Energy Star, cETLus listed
- Type IC rated (direct contact with insulation)
- Dimmable
- Less than 0.1% defective rate
- 6pcs contractor packaging
- 50,000 hour life
- Acrylic PMMA light guide
- Air-tight aluminum housing
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

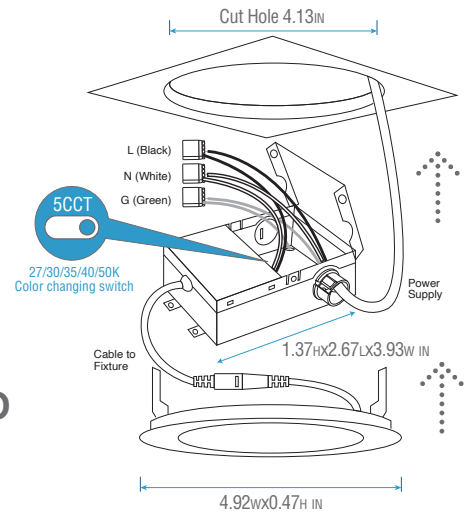
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

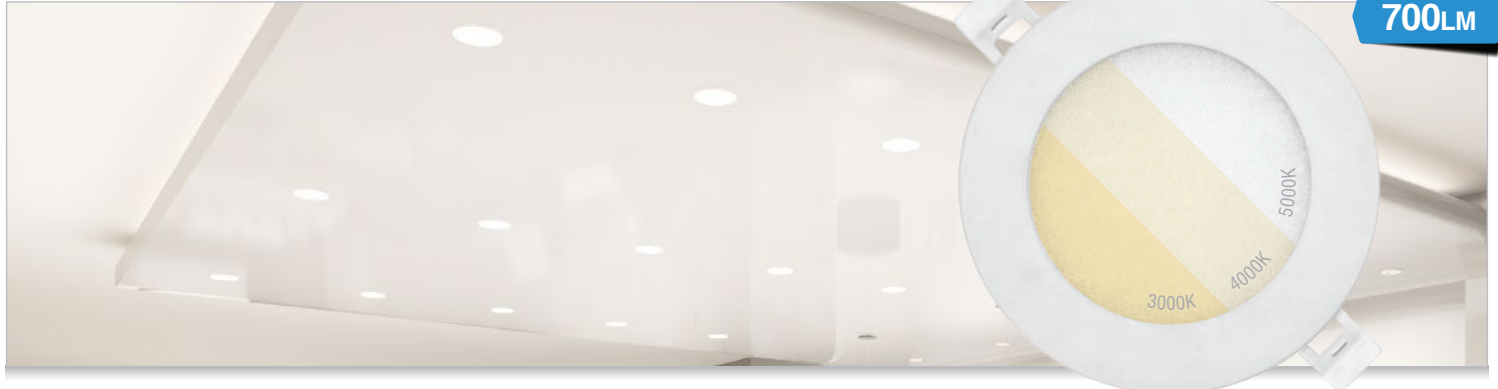
ADDITIONAL INFO

- White Finish
- Operating Temperature -20°C ~+40°C

DIAGRAM



ORDER CODE	ES MODEL	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	CRI	MOL (IN)	IP	MOUNT SIZE	UNIT OF SALE
L3752-0400-BX6	ILX-SP-9W-5CCT-WL	4" SLIM PANEL 9W 5CCT WH DIMM	9	120 V	810	2700K	50,000	110°	80+	4.92	54	4.2	6
					840	3000K							
					840	3500K							
					840	4000K							
					840	5000K							
ACCESSORIES													
L3799-1104	SNAP-ON TRIM BRUSHED NICKEL (BN) 6-PC PACK / FITS ALL 4" ROUND												
L3799-1204	SNAP-ON TRIM BLACK FINISH (BK) 6-PC PACK / FITS ALL 4" ROUND												



The freedom of Color Changing Temperature (CCT)!

Selectable Color Temperatures of 3000K/4000K/5000K



Wet Location



Fire Rated FT4 Cable



High CRI



Dimmable



Intertek



ENERGY STAR

Product information

FEATURES

- 4" 9w 700LM¹
- Selectable color temperatures of 3000K/4000K/5000K
- Fire rated 2H FT4 cable
- Suitable for wet locations
- Energy Star, cETLus listed
- Type IC rated (direct contact with insulation)
- Dimmable
- Less than 0.1% defective rate
- 6pcs contractor packaging
- 50,000 hour life
- Acrylic PMMA light guide
- Air-tight aluminum housing
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

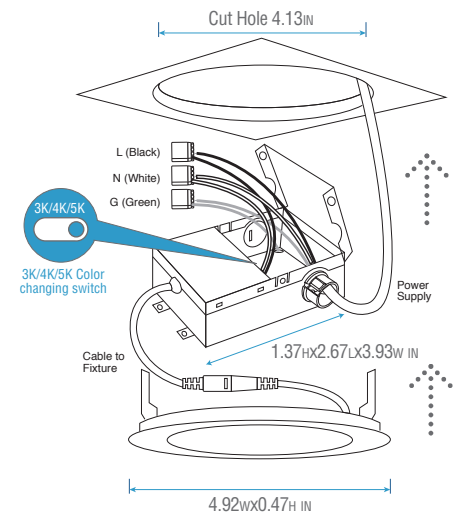
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

ADDITIONAL INFO

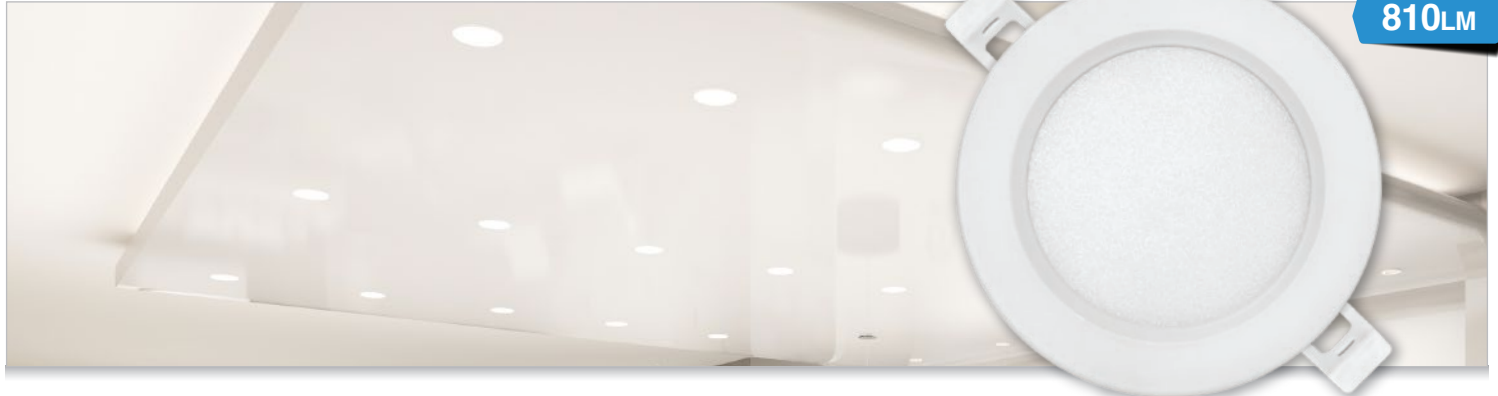
- White Finish
- Operating Temperature -20°C ~+40°C

DIAGRAM



¹750LM @5000K | 700LM @4000K | 650LM @3000K

ORDER CODE	ES MODEL	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	CRI	IP	MOL (IN)	MOUNT SIZE	UNIT OF SALE
L3751-0421	ILX-SP-9W-3CCT-WL	4" SLIM PANEL 9W 3CCT WH DIMM	9	120 V	700	3000K/4000K/5000K	50,000	110°	80+	54	4.92	4.2	6
ACCESSORIES													
L3799-1104	SNAP-ON TRIM	BRUSHED NICKEL (BN) 6-PC PACK / FITS ALL 4" ROUND SLIM PANELS DIA 120-125MM (4.72 - 4.92 INCH)											
L3799-1204	SNAP-ON TRIM	BLACK FINISH (BK) 6-PC PACK / FITS ALL 4" ROUND SLIM PANELS DIA 120-125MM (4.72 - 4.92 INCH)											



Simply Brilliant



Product information

FEATURES

- 4" 9W 810lm
- **Type IC rated** (direct contact with insulation)
- **Fire rated 2H FT4 cable**
- **Energy Star, cETLus listed**
- Dimmable
- Less than 0.1% defective rate
- 1/4" recess design
- 50,000 hour life
- 9W replaces 80W halogen
- Acrylic PMMA light guide
- Air-tight aluminum housing
- Suitable for damp locations
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

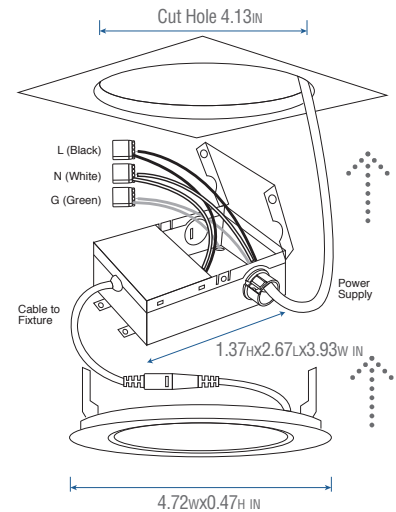
INSTALLATION




- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

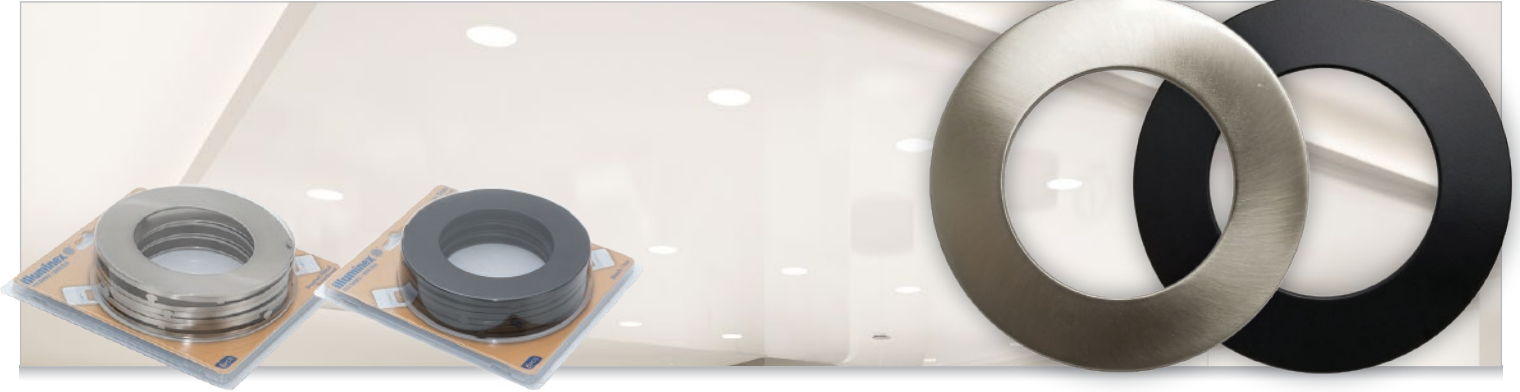
ADDITIONAL INFO

- White Finish
- Operating Temperature -10°C ~+40°C

DIAGRAM



ORDER CODE	ENERGY STAR LISTING CODE	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	CRI	IP	PF	MOL (MM)	MOUNT SIZE	CASE QTY.
L3504-6111	 ILXSP-9X-ETL(3000K/H)	ILLX SLMP 4"R 9W 3K 810L WH FT4	9	120 V	810	3000	50,000	110°	80+	44	0.98	4.13	4.13	40
L3504-6131	 ILXSP-9X-ETL(4000K/H)	ILLX SLMP 4"R 9W 4K 810L WH FT4	9	120 V	810	4000	50,000	110°	80+	44	0.98	4.13	4.13	40
L3504-6151	 ILXSP-9X-ETL(5000K/H)	ILLX SLMP 4"R 9W 5K 810L WH FT4	9	120 V	810	5000	50,000	110°	80+	44	0.98	4.13	4.13	40



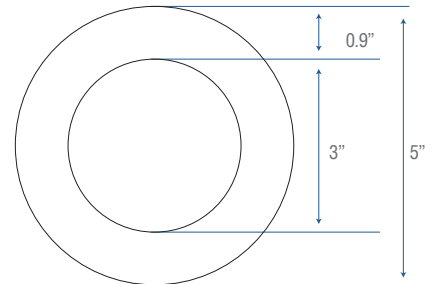
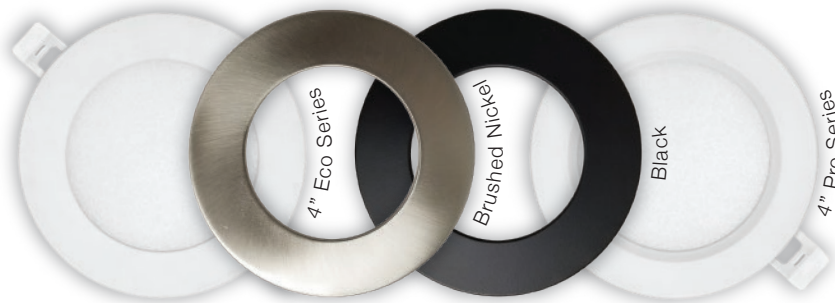
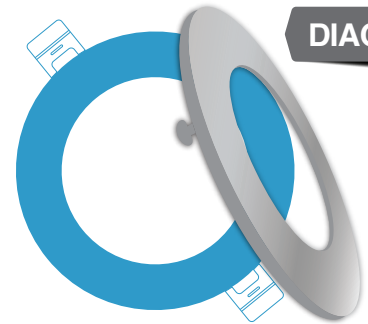
Simply Brilliant

Product information

FEATURES

Attaches easily and seamlessly to most 4" slim panels with diameter 120-125mm
6 Pack Blister Packaging

DIAGRAM



ORDER CODE	MODEL NO.	DESCRIPTION	CASE QTY.
L3799-1104-BX6	ILX-SP4-BN	SNAP-ON TRIM 4" R BN 6PK ROUND 4 INCH BRUSHED NICKEL FITS MOST 120-125MM 4 INCH ROUND SLIMS	576
L3799-1204-BX6	ILX-SP4-BK	SNAP-ON TRIM 4" R BK 6PK ROUND 4 INCH BLACK FITS MOST 120-125MM 4 INCH ROUND SLIMS	576



The freedom of Color Changing Temperature (CCT)!

Selectable Color Temperatures of 2700K/3000K/3500K/4000K/5000K



Product information

FEATURES

- 6" 12W 1300lm
- Selectable color temperatures of 27000K/3000K/3500K/4000K/5000K
- Fire rated 2H FT4 cable
- Suitable for wet locations
- Energy Star, cETLus listed
- Type IC rated (direct contact with insulation)
- Dimmable
- Less than 0.1% defective rate
- 50,000 hour life
- Acrylic PMMA light guide
- Air-tight aluminum housing
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

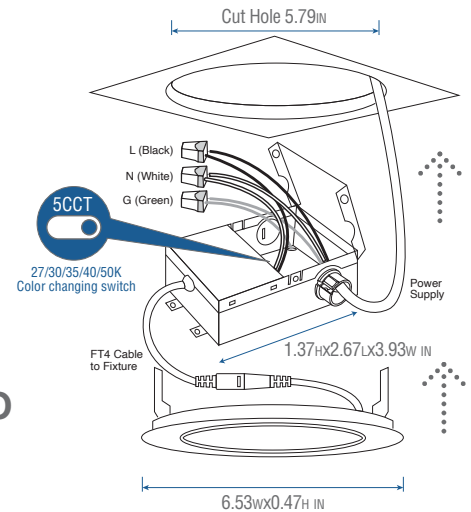
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

ADDITIONAL INFO

- White Finish
- Operating Temperature -10°C ~+40°C

DIAGRAM



ORDER CODE	ENERGY STAR LISTING CODE	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	CRI	IP	PF	MOL (IN)	MOUNT SIZE (IN)	CASE QTY.
L3506-5200	ILX-SP-12W-5CCT-WL	SP PRO 6"R 12W 5CCT 1300LM FT4 WET	12	120 V	1300	2700K 3000K 3500K 4000K 5000K	50,000	110°	82	54	0.94	6.53	5.79	40



1260LM

Simply Bright!



High CRI



Dimmable



Intertek



ENERGY STAR

Product information

FEATURES

- 8" 18W 1260lm
- **Type IC rated** (direct contact with insulation)
- **Energy Star, cETLus listed**
- Dimmable
- 50,000 hour life
- 18W replaces 120W halogen
- Acrylic PMMA light guide
- Air-tight aluminum housing
- Suitable for damp locations
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

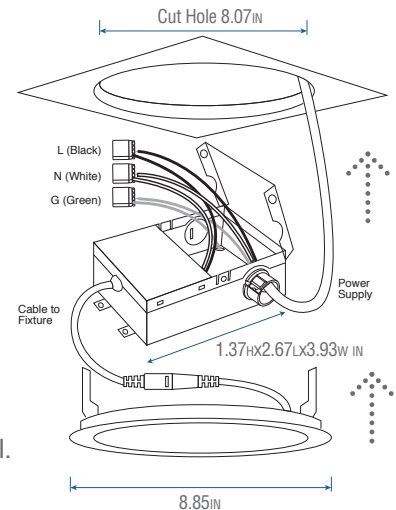
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

ADDITIONAL INFO

- White Finish/Nicklet Trim Avail.
- Operating Temperature -10°C ~+40°C

DIAGRAM



ORDER CODE	ENERGY STAR LISTING CODE	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	CRI	IP	PF	MOL (IN)	MOUNT SIZE	CASE QTY.
L3508-181R	YG-YGCL-18X-ETL(3000K)	ILLX SLMP 8"R 18W 3K 1260L WH	18	120 V	1260	3000	50,000	180°	80+	44	0.98	8.85	8.07	10
L3508-182R	YG-YGCL-18X-ETL(4000K)	ILLX SLMP 8"R 18W 4K 1260L WH	18	120 V	1260	4000	50,000	180°	80+	44	0.98	8.85	8.07	10
L3508-183R	YG-YGCL-18X-ETL(5000K)	ILLX SLMP 8"R 18W 5K 1260L WH	18	120 V	1260	5000	50,000	180°	80+	44	0.98	8.85	8.07	10



The freedom of Color Changing Temperature (CCT)!

Selectable Color Temperatures of 2700K/3000K/3500K/4000K/5000K



Product information

FEATURES

- 4" 9W 900lm 36° beam
- Selectable color temperatures of 27000K/3000K/3500K/4000K/5000K
- Fire rated 2H FT4 cable
- Suitable for wet locations
- Energy Star, cETLus listed
- 360° Rotation
- Type IC rated (direct contact with insulation)
- Less than 0.1% defective rate
- Triac Dimmable
- COB Type LED
- 54,000 hour life
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

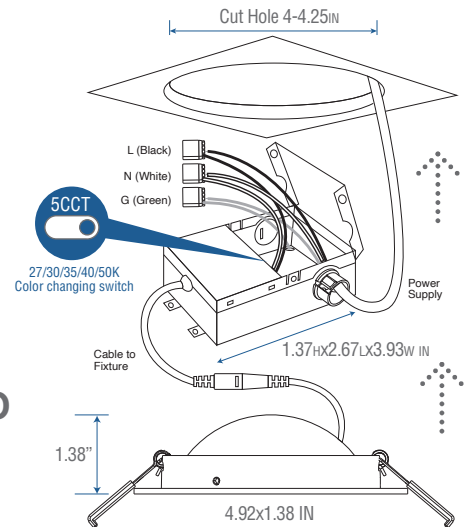
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

ADDITIONAL INFO

- White Finish
- Operating Temperature -10°C ~+40°C

DIAGRAM



ORDER CODE	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	IP	CRI	PF	CASE QTY.
L3404-5300	SLIM GIMBAL 4"R 9W 5CCT COLOR TUNEABLE 900L WHITE	9	120 V	900	2700K 3000K 3500K 4000K 5000K	54,000	36°	54	80+	0.98	40
L3404-5310	SLIM GIMBAL 4"R 9W 5CCT COLOR TUNEABLE 900L BLACK										

ES ID: TBA MODEL: ILX-SG34-9W-5CCT-WF

4" Baffle Gimbal

Recessed LED Light Fixture Downlight



5CCT

The freedom of Color Changing Temperature (CCT)!

Selectable Color Temperatures of 2700K/3000K/3500K/4000K/5000K



Wet Location



Fire Rated
FT6 Cable



High CRI



Dimmable



Intertek



ENERGY STAR

Product information

FEATURES

- 4" 12W 1200lm
- Selectable color temperatures of 27000K/3000K/3500K/4000K/5000K
- Fire rated 2H FT6 cable
- Suitable for wet locations
- Energy Star, cETLus listed
- Type IC rated (direct contact with insulation)
- Less than 0.1% defective rate
- Triac Dimmable
- COB Type LED
- 50,000 hour life
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Offices
- Retail
- Museum
- Hospitality
- Commercial
- Lighting showroom

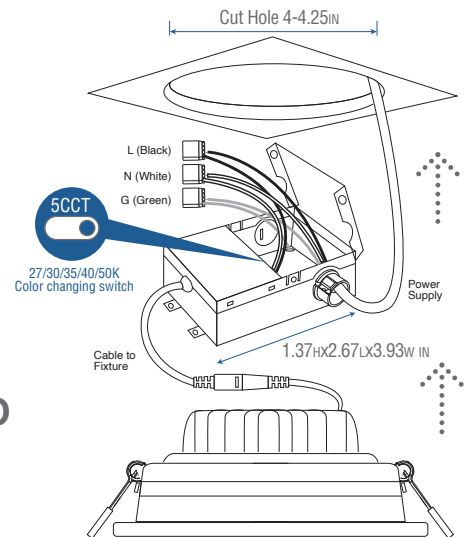
INSTALLATION

- Recessed
- Insulated/drop ceilings
- Fits under studs and in narrow plenums

ADDITIONAL INFO

- White Finish
- Operating Temperature -10°C ~+40°C

DIAGRAM



ORDER CODE	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	LIFE HRS	BEAM ANGLE	IP	CRI	PF	CASE QTY.
L3424-0010	BAFFLE GIMBAL 4"R 12W 5CCT COLOR TUNEABLE WHITE	12	120 V	1200	2700K	50,000	36°	54	95+	0.98	40
L3424-0020	BAFFLE GIMBAL 4"R 12W 5CCT COLOR TUNEABLE BLACK				3000K						
					3500K						
					4000K						
					5000K						

ES ID: TBA MODEL: ILX-DG44-12W-5CCT-WF



Simply Brilliant



Product information

FEATURES

- 15w 1800LM, 30w 3600LM, 50w 5500LM
- DLC, cUL listed
- 60,000 hour life (L70@25°C)
- 120LmW High Lumens Efficacy
- NEMA 6x5 distribution
- Die cast aluminum housing
- Integrated thermal management
- Suitable for wet locations
- Rated for IP65
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Advertising signage
- Entrances and Walkways
- Buildings
- Pathway & Perimeter Lighting
- Commercial
- Playground

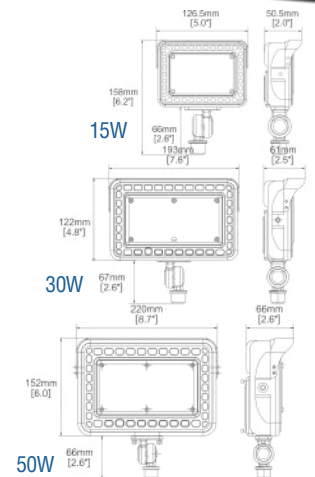
INSTALLATION

- Knuckle mount
- 15cm cable included

ADDITIONAL INFO

- Dark Bronze Finish
- Operating Temp. -40°C ~+45°C
- Optional: Photocell Sensor

DIAGRAM



ORDER CODE	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	BEAM ANGLE	PF	MOL (IN)	CASE QTY.
L6321-2130	PJOS8L8J	LED FLOOD 15W 120V KNUCKLE MT.	15W	100-277V	1800	4000K	120°	0.95	5.79x5.79x2.56	28
L6321-2150	PR3IDX8F	LED FLOOD 15W 120V KNUCKLE MT.	15W	100-277V	1800	5000K	120°	0.95	5.79x5.79x2.56	28
L6321-2230	PSBDQ7UU	LED FLOOD 30W 120V KNUCKLE MT.	30W	100-277V	3600	4000K	120°	0.95	8.27x6.81x2.99	20
L6321-2250	PPMIRU0A	LED FLOOD 30W 120V KNUCKLE MT.	30W	100-277V	3600	5000K	120°	0.95	8.27x6.81x2.99	20
L6321-2330	PYQQCBZ2	LED FLOOD 50W 120V KNUCKLE MT.	50W	100-277V	5500	4000K	120°	0.95	22.44x10.04x16.14	14
L6321-2350	PY2YOPUF	LED FLOOD 50W 120V KNUCKLE MT.	50W	100-277V	5500	5000K	120°	0.95	22.44x10.04x16.14	14



Simply Brilliant



Product information

FEATURES

- 15w 1800LM, 30w 3600LM, 50w 5500LM
- One (1) meter cable included
- DLC, cUL listed
- 60,000 hour life (L70@25°C)
- 120LmW High Lumens Efficacy
- NEMA 6x5 distribution
- Die cast aluminum housing
- Integrated thermal management
- Suitable for wet locations
- Rated for IP65
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Advertising signage
- Entrances and Walkways
- Buildings
- Pathway & Perimeter Lighting
- Commercial
- Playground

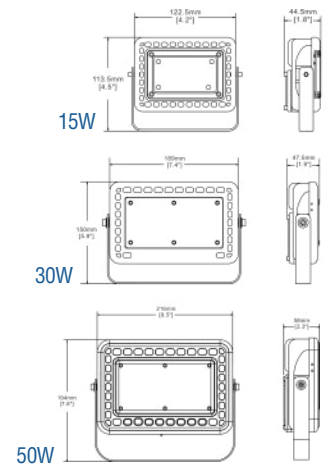
INSTALLATION

- U-Bracket mount
- 1m cable included

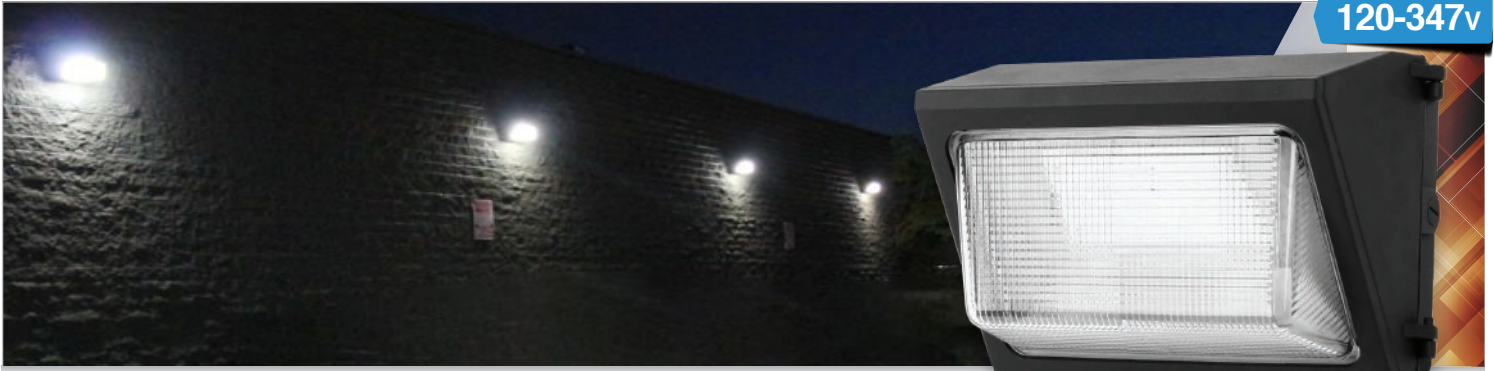
ADDITIONAL INFO

- Dark Bronze Finish
- Operating Temp. -40°C ~+45°C
- Optional: Photocell Sensor

DIAGRAM



ORDER CODE	DLC ID	DESCRIPTION	WATTS	LUMENS	VOLT	CCT (K)	BEAM ANGLE	PF	MOL (IN)	CASE QTY.
L6320-2130	PJOS8L8J	LED FLOOD 15W 120V YOKE MT.	15W	1800	100-277V	4000K	120°	0.95	6.42x4.8x2.64	28
L6320-2150	PR3IDX8F	LED FLOOD 15W 120V YOKE MT.	15W	1800	100-277V	5000K	120°	0.95	6.42x4.8x2.64	28
L6320-2230	PSBDQ7UU	LED FLOOD 30W 120V YOKE MT.	30W	3600	100-277V	4000K	120°	0.95	8.98x6.1x2.56	20
L6320-2250	PPMIRU0A	LED FLOOD 30W 120V YOKE MT.	30W	3600	100-277V	5000K	120°	0.95	8.98x6.1x2.56	20
L6320-2330	PYQOCBZ2	LED FLOOD 50W 120V YOKE MT.	50W	5500	100-277V	4000K	120°	0.95	10.16x7.72x3.03	14
L6320-2350	PY2YOPUF	LED FLOOD 50W 120V YOKE MT.	50W	5500	100-277V	5000K	120°	0.95	10.16x7.72x3.03	14



Simply Brilliant



Product information

FEATURES

- 120-347v Multi-volt
- High Lumen Efficacy 145LM/w
- DLC 5.1 Premium, cETL listed
- 50,000 hour life
- Glass lens cover
- Powder coated die-cast aluminum housing
- Rust & corrosion proof, no cracking or peeling
- Rated for IP65
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Entrances and Walkways
- Buildings
- Pathway and Perimeter Lighting
- Commercial

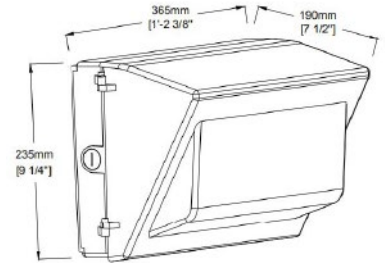
INSTALLATION

- Wall mounted

ADDITIONAL INFO

- Bronze Finish
- Operating Temp. -25°C ~+50°C

DIAGRAM



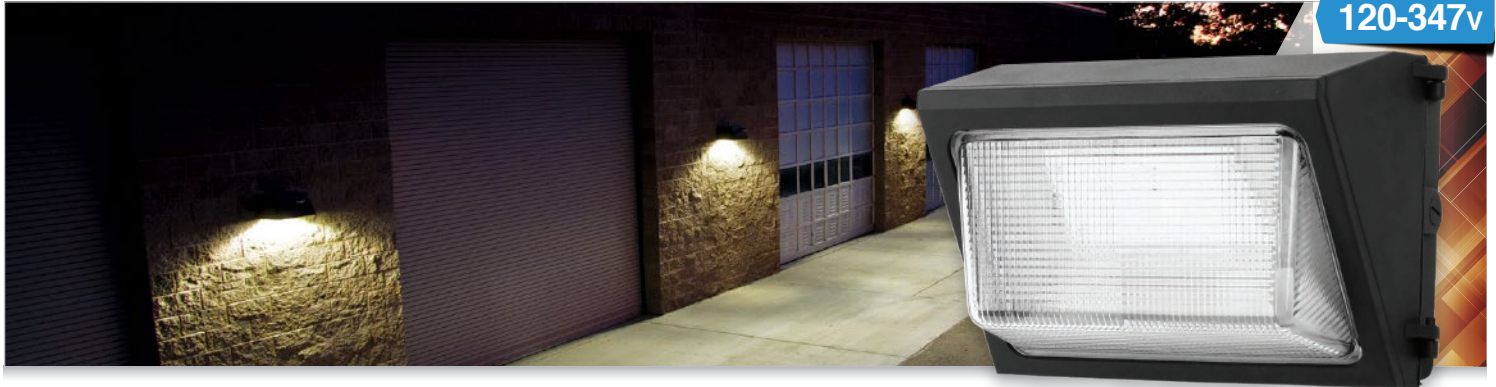
ORDER CODE	DLC ID	DLC MODEL	DESCRIPTION	WATTS	VOLT	LUMENS	CCT(K)	CRI	IP	PF	MOL (IN)	CASE QTY.
L7101-4130	PL20YY2M0F30	ILX-CWP2-40W-MV-40K	TRAD. WALL PACK 40W MV 145L/W	40W	120-347V	5800	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4150	PLL14TNJUH5N	ILX-CWP2-40W-MV-50K	TRAD. WALL PACK 40W MV 145L/W	40W	120-347V	5800	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4230	PLNFKQBBSLQP	ILX-CWP2-60W-MV-40K	TRAD. WALL PACK 60W MV 145L/W	60W	120-347V	8700	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4250	PLZJGNT95EU5	ILX-CWP2-60W-MV-50K	TRAD. WALL PACK 60W MV 145L/W	60W	120-347V	8700	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4330	PLI3LXTPQPEL	ILX-CWP2-80W-MV-40K	TRAD. WALL PACK 80W MV 145L/W	80W	120-347V	11600	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4350	PLQSY7PI9GT	ILX-CWP2-80W-MV-50K	TRAD. WALL PACK 80W MV 145L/W	80W	120-347V	11600	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4430	PLHPQ09904ZA	ILX-CWP2-108W-MV-40K	TRAD. WALL PACK 108W MV 145L/W	108W	120-347V	15660	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-4450	PL3UTTLLWBSTZ	ILX-CWP2-108W-MV-50K	TRAD. WALL PACK 108W MV 145L/W	108W	120-347V	15660	5000K	80+	65	0.90	14.37×9.25×7.48	1
ACCESSORIES												
L7101-9100		ILX-CWPA-VISOR	VISOR FOR TRADITIONAL WALL PACK									

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



Simply Brilliant



Product information

FEATURES

- 120-347v Multi-volt
- High Lumen Efficacy 130LM/w
- DLC Standard, cETL listed
- 50,000 hour life
- Glass lens cover
- Powder coated die-cast aluminum housing
- Rust & corrosion proof, no cracking or peeling
- Rated for IP65
- Quick & easy installation
- No flicker, mercury free, instant on
- 5-year warranty

APPLICATION

- Entrances and Walkways
- Buildings
- Pathway and Perimeter Lighting
- Commercial

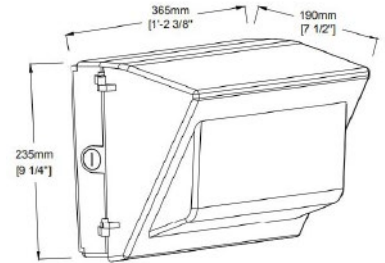
INSTALLATION

- Wall mounted

ADDITIONAL INFO

- Bronze Finish
- Operating Temp. -25°C ~+50°C
- Optional: Photocell Sensor

DIAGRAM



ORDER CODE	DLC MODEL	DLC ID	DESCRIPTION	WATTS	VOLT	LUMENS	CCT (K)	CRI	IP	PF	MOL (IN)	CASE QTY.
L7101-3130	ILX-CWPA40MV-40K	PLRQDFEKBGFN	TRAD. WALL PACK 40W MULTI-VOLT	40W	120-347V	5200	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3150	ILX-CWPA40MV-50K	PL7ZMG62GHBC	TRAD. WALL PACK 40W MULTI-VOLT	40W	120-347V	5200	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3230	ILX-CWPA60MV-40K	PLSN7DIRZTLF	TRAD. WALL PACK 60W MULTI-VOLT	60W	120-347V	7800	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3250	ILX-CWPA60MV-50K	PLT13N0023IV	TRAD. WALL PACK 60W MULTI-VOLT	60W	120-347V	7800	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3330	ILX-CWPA90MV-40K	PLA00186L4YP	TRAD. WALL PACK 90W MULTI-VOLT	90W	120-347V	11700	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3350	ILX-CWPA90MV-50K	PLIPPHV74EAO	TRAD. WALL PACK 90W MULTI-VOLT	90W	120-347V	11700	5000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3430	ILX-CWPA120MV-40K	PL2TM8Y7PNNX	TRAD. WALL PACK 120W MULTI-VOLT	120W	120-347V	15600	4000K	80+	65	0.90	14.37×9.25×7.48	1
L7101-3450	ILX-CWPA120MV-50K	PLHQJVJK866N	TRAD. WALL PACK 120W MULTI-VOLT	120W	120-347V	15600	5000K	80+	65	0.90	14.37×9.25×7.48	1
ACCESSORIES												
L7101-9100	ILX-CWPA-VISOR		VISOR FOR TRADITIONAL WALL PACK									

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6



Simply Brilliant



Product information

FEATURES

- Power (wattage) & Color (CCT) selectable
- 130LM/w High Lumen Efficacy
- DLC Premium, cUL listed
- 1-10v dimmable
- 120-347V 50/60Hz
- 12V Auxiliary output
- 50,000 hour life
- Beam (TYPE III) (Type III, IV, V lens interchangeable)
- Aluminum alloy housing with Flip Cover
- Surge protection 6KV line to ground/Line (lighting arrester 10KV available)
- Rated for IP66
- Anti-UV PC lens with >95% light transmission
- 5-year warranty

APPLICATION

- Parking lots
- Airports
- Building facades
- Streetscapes
- Entryways

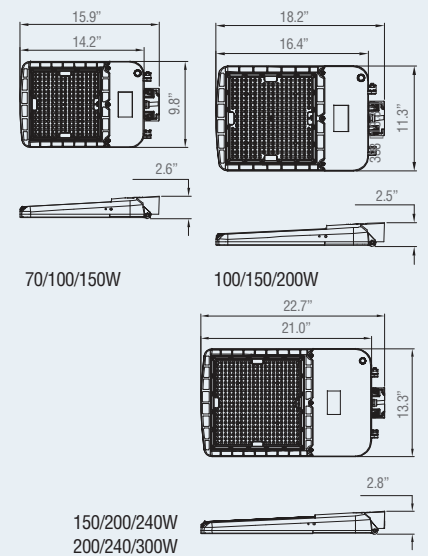
INSTALLATION

- Universal Mount
- Yoke/Flood/etc (Optional)

ADDITIONAL INFO

- Bronze Finish
- Op. Temp. -40°C ~+45°C
- Optional: Microwave Sensor, PIR Sensor, Photocell AC120-277V, Receptacle + Shorting Cap + Photocell

DIAGRAM



ORDER CODE	MODEL NUMBER	DLC ID	WATTS	LUMENS	CCT(K)	LIFE HRS	CRI	IP	MOL (IN)	CASE QTY.
L6420-0150	ILX-AP2150W-WSMV3CCT	S-Y4XC80	70/100/150W	19500	30/40/50K	50,000	80+	66	15.9x9.8x2.6	1
L6420-0200	ILX-AP2200W-WSMV3CCT	S-KFNQK3	100/150/200W	26000	30/40/50K	50,000	80+	66	18.8x11.3x2.5	1
L6420-0240	ILX-AP2240W-WSMV3CCT	S-WWQ80W	150/200/240W	31200	30/40/50K	50,000	80+	66	22.7x21x13.3	1

Mountings

L6420-10A1 Type A: Slip-fitter Mount, L6420-10C1 Type C: Fixed Arm Mount, L6420-10D1 Type D: Trunnion Mount, L6420-10H1 Type H: Universal Mount

ILLUMINEX TECHNOLOGIES INC.

Tel: 1-905-264-6670 Toll Free: 1-844-985-1590 Fax: 1-905-264-6671

Email: csr@illuminexled.com | Website: www.illuminexled.com

Head Office: 1-1 Keyes Court, Vaughan, ON L4H 4V6