



## Traditional Wall Pack

### WP Select-LED

This high-performance traditional wall pack is engineered for maximum versatility and ease of installation, making it ideal for both new construction and retrofit jobs. Features lumen output & CCT selection switch; integrated photocell sensor switch; and on-site beam distribution selection switch to easily select from different beam angles for optimized lighting. Offers Bluetooth mesh wireless control with streamlined commissioning and maintenance.

#### IDEAL APPLICATIONS

Perimeter Areas

Entrances

Loading docks

Commercial buildings

Schools

#### SPECIFICATIONS

	WP-LED40A20	WP-LED80A40	WP-LED120A80	CERTIFICATIONS	
<b>PERFORMANCE</b>					
Light Output	6000*/4500/3000 lm	12300*/9300/6200 lm	18000*/15000/12000 lm	cULus Listed for Canada and USA, per UL 1598, CSA C22.2 No. 250.0	
Efficacy*	149 lm/W	154 lm/W	150 lm/W	DLC Premium Wet location rated	
CCT	CCT Selectable - 3000K/4000K*/5000K			<b>CONTROLS</b>	
Beam Distribution	Variable Distribution (110°/90°/60°)			Dimming	0-10V (10% to 100% Continuous Dimming, Dim to Off) Photocell*
Replaces up to	175W MH	250W MH	400W MH	Sensor	DHFS - Dimming High Frequency Sensor** PCLS - Photocell CCT Lumen Sensor** BC - Bluetooth Controlled**
LED Lifetime (L80)	>100,000 Hours			<b>LUMEN MAINTENANCE</b>	
CRI	84	85	84	L90	L80
<b>ELECTRICAL</b>					L70
Wattage	40W/30W/20W	80W/60W/40W	120W/100W/80W	>50000 Hours	
Voltage	120-347 V			>100000 Hours	
Surge Protection	6kV (Built-in Driver) as per IEC/EN61000-4-5			<b>CONSTRUCTION</b>	
Power Factor	≥0.9			Housing	Die Cast Aluminum
THD	≤15%			Conduit Entries	Four 1/2" NPT on sides, One 1/2" NPT on back side
<b>MAX AMPERAGE DRAW (A)</b>					Accessories
120V	0.35 A	0.70 A	1.05 A	Lens	Borosilicate Glass
208V	0.20 A	0.40 A	0.61 A	Finish	Bronze*, Matte Black, Custom Finish
240V	0.18 A	0.35 A	0.53 A	Paint Specs	Weather & corrosion resistant polyester powder coated. 500 hours salt spray tested paint as per ASTM B117
277V	0.15 A	0.30 A	0.46 A	Weight	7.50 lbs
347V	0.12 A	0.24 A	0.36 A	Note: Electrical and Light Performance data is based on LM79 test report at 4000K, 90° and 120V. Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.	
<b>AMBIENT OPERATING TEMPERATURE</b>					
Fixture	-40°C to +50°C (-40°F to 122°F)				

\*Default Setting: Highest wattage/ 4000K /90° Beam

\*\*Factory Installed

**CONTROLLED**



## ORDERING GUIDE

WP		H	VK	VD		DIM		
Fixture	Wattage	Voltage	Colour Temp.	Beam Distribution	Finish	Dimming	Controls	Options
WP	LED40A20	H - 120-347V	VK - CCT Selectable (3000K/ 4000K*/ 5000K)	VD - Beam Adjustable (110°/90°*/60°)	BRZ - Bronze*	DIM - 0-10V Dimming	PC - Photocell *	BLANK - No External Surge Protector
	LED80A40				BLK - Matte Black		BC - Bluetooth Controlled	
	LED120A80				CST - Custom Colour		PCLS - Photocell-CCT-Lumen Sensor	SP10 - 10kV Surge Protector**
							DHFS - Motion Sensor	

\* Standard Configuration

\*\* Standard for WP-LED120A80

### STOCK CODE

084316	WP-LED40A20-H-VK-VD-BRZ-DIM-PC
084317	WP-LED80A40-H-VK-VD-BRZ-DIM-PC
084318	WP-LED120A80-H-VK-VD-BRZ-DIM-PC-SP10

### ACCESSORIES SOLD SEPARATELY

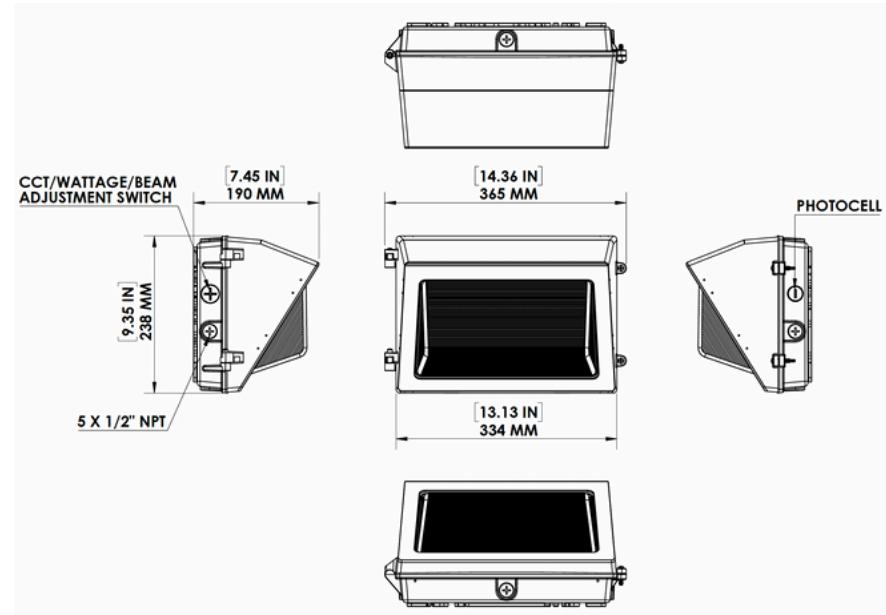
084351	WP-LED-VD CUTOFF VISOR BRZ		087016	RC-100 MOTION SENSOR REMOTE CONTROL <sup>1</sup>	
084352	WP-LED-VD WIRE GUARD		087034	RC-107 PHOTOCONTROL REMOTE CONTROL <sup>2</sup>	
098710	WP WIRE CAGE CHROME PLATED STEEL		084633	BLUETOOTH 5-KEY BATTERY POWERED WIRELESS WALL SWITCH & PLATE <sup>3</sup>	
084215	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS(ON/OFF, DIM+, DIM-)				

<sup>1</sup> RC-100 Remote to be used with DHFS

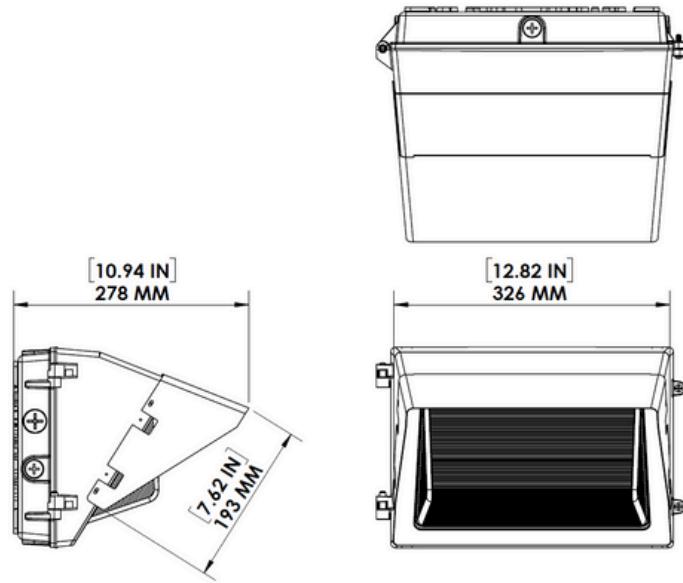
<sup>2</sup> RC-107 Remote to be used with PCLS

<sup>3</sup> Wireless Bluetooth module can also be used as portable remote control.

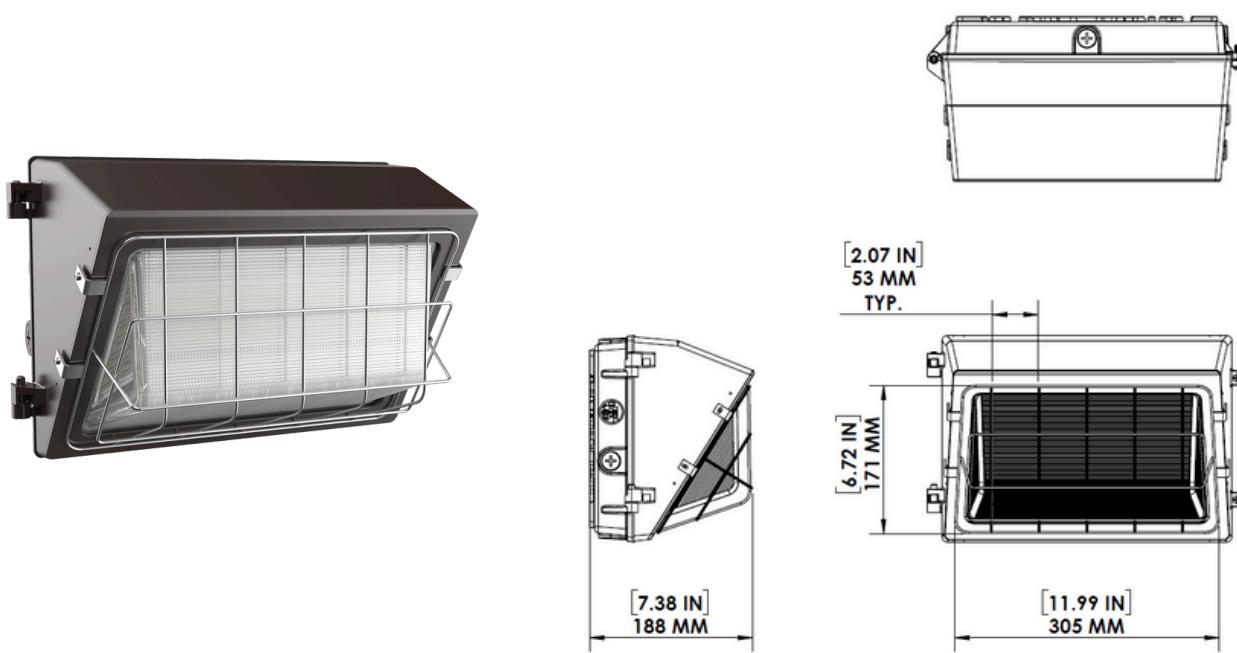
## WALL PACK



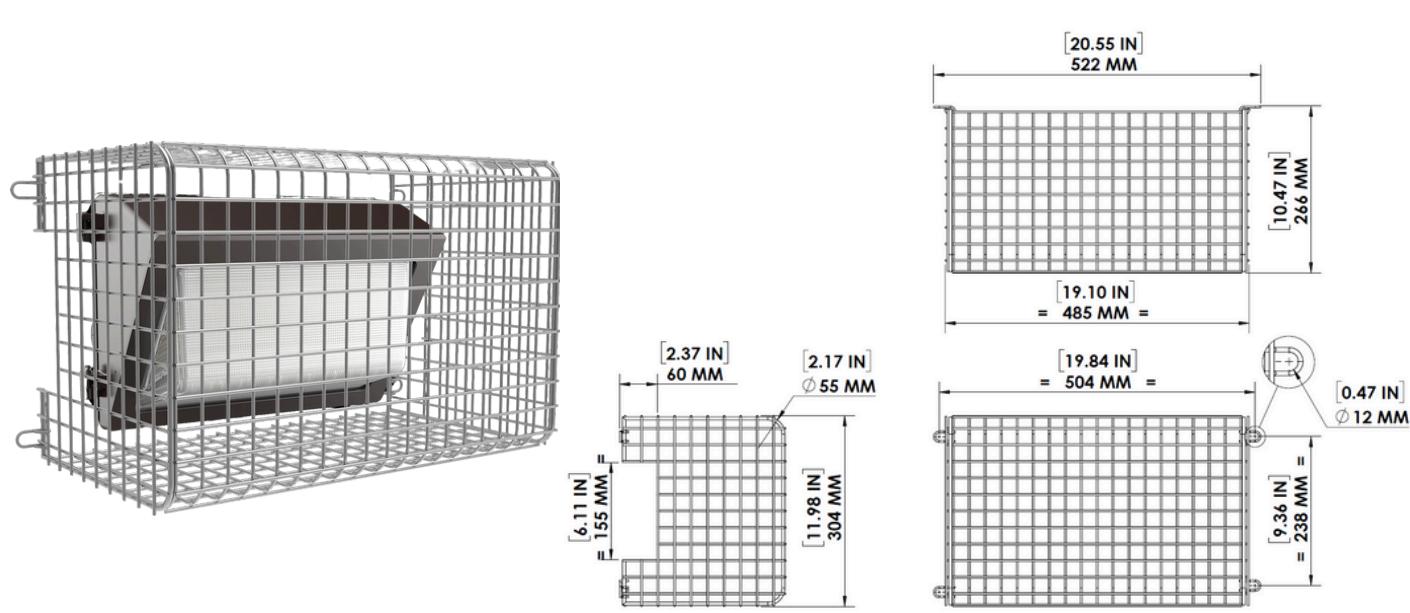
## CUTOFF VISOR



## WIRE GUARD



## WIRE CAGE



## PHOTOCELL/CCT/LUMEN SENSOR (PCLS)

PCLS Controller allows the Installer to adjust colour temperature, brightness, and photocontrol settings using a remote control after installation.



PHOTOCELL/CCT/LUMEN SENSOR (PCLS)	
<b>Input Power</b>	LED Input: Max. 250VDC 3A; Sensor Input: 10-14VDC, >30mA
<b>Input Current</b>	Max. 25mA
<b>Control Output</b>	0-10V Output Signals
<b>Operate Level</b>	10-20LUX ON, 30-80LUX OFF
<b>Ambient Temperature</b>	99% RH
<b>Operating Temperature</b>	-40°C to +70°C (-40°F to +158°F)

RC107 REMOTE SPECIFICATIONS (For PCLS Controller)		
DEFAULT FACTORY SETTING		FEATURES
Task Light Level	100%	ON: Turn on the fixture, brightness is set according to task level. OFF: Turn off the fixture, the fixture is permanently off. RESET: Task Light Level:100%; Hold Time: Disable; Photocell: Low; CCT:CCT Low (WW - 3000K) REPEAT: Send the same setting to different fixtures installed. DIM+: With each push of the button, brightness increases by 10%. DIM-: With each push of the button, brightness decreases by 10%; HOLD TIME: The "hold time" starts to count right after the fixture turns on. When the "hold time" is up, the fixture adjusts to 50% brightness until the light control turns the light fixture off. DISABLE: When you choose disabled, the fixture maintains the task light level LOW: When the ambient lux is less than 30lux, the fixture turn on at the task level you set, when the ambient lux is more than 50lux, the fixture turns off. MIDDLE: When the ambient lux is less than 80lux, the fixture turn on at the task level you set, when the ambient lux is more than 100lux, the fixture turns off. HIGH: When the ambient lux is less than 150lux, the fixture turn on at the task level you set, when the ambient lux is more than 180lux, the fixture turns off; DISABLE: Photoelectric switch disabled: CCT : Adjust CCT(WW - Warm White/3000K, NW - Neutral White/4000K, CW - Cool White/5000K)
Hold Time	Disable	
Photocell	Low	
CCT	CCT - NW (4000K)	

Note: Custom settings can be done based on requirements in the Factory.

## DIMMING HIGH FREQUENCY MOTION SENSOR (DHFS)

DHFS Microwave motion sensor offers a range of control features based on motion detection allowing the Installer to adjust the brightness of the fixture, hold time and daylight settings using a remote control after installation.

SENSOR SPECIFICATIONS	
POWER SUPPLY	12V-24V DC
HIGH FREQUENCY SYSTEM	5.8GHZ +/-75MHZ
DIM CONTROL OUTPUT	0-10V, MAX. 25MA
DETECTION RADIUS/ANGLE	MAX 26FT (8M)/360°
MOUNTING HEIGHT	MAX 40FT
REMOTE RANGE	50FT. (15M) NO BACKLIGHT
HUMIDITY	MAX. 90% RH

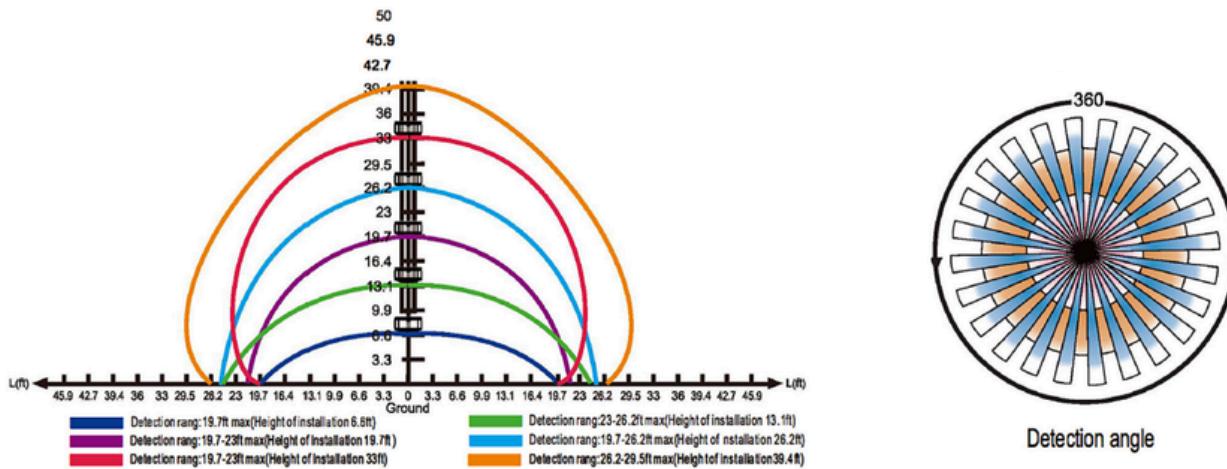
DEFAULT FACTORY SETTING	
BRIGHTNESS	100%
SENSITIVITY	100%
HOLD TIME	5 MINS
DAYLIGHT SENSOR	✖ - DISABLED
STAND-BY DIM	30%
STAND-BY TIME	60 MINS



## RC100 REMOTE SPECIFICATIONS (FOR DHFS CONTROLLER)

FEATURES	
	<b>BRIGHTNESS:</b> Sets the highest light fixture brightness when motion is detected.
	<b>SENSITIVITY:</b> Sets the sensitivity to which the sensor will detect motion.
	<b>HOLD TIME:</b> The time the light fixture will remain at the brightness setting after it detects motion.
	<b>DAYLIGHT SENSOR:</b> The lux setting that the light fixture will turn on/off. If the ambient lux is more than the defined lux setting, the fixture & sensor function will turn off and remain off until the ambient lux is below the setting. To disable the lux sensor, select the SUN icon. To set the lux to match current room conditions, select the EYE icon.
	<b>STAND-BY DIM:</b> The Dim level that the light fixture will dim down after the Hold Time has expired. To disable dimming and only have ON/OFF, select the 0% icon
	<b>STAND-BY TIME:</b> The time the light fixture will remain in the dim down state before it shuts off. To disable the light from shutting off, select the INFINITY icon.

## SENSOR COVERAGE

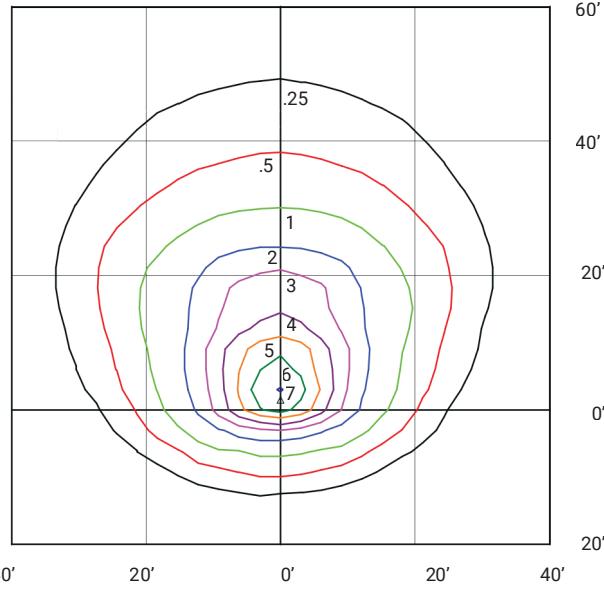


## PHOTOMETRIC PLOTS

WP-LED40A20-H-VK-VD-DIM (40W 120V 4000K 110D)  
MOUNTED AT 15 FEET

LUMENS 5934.6

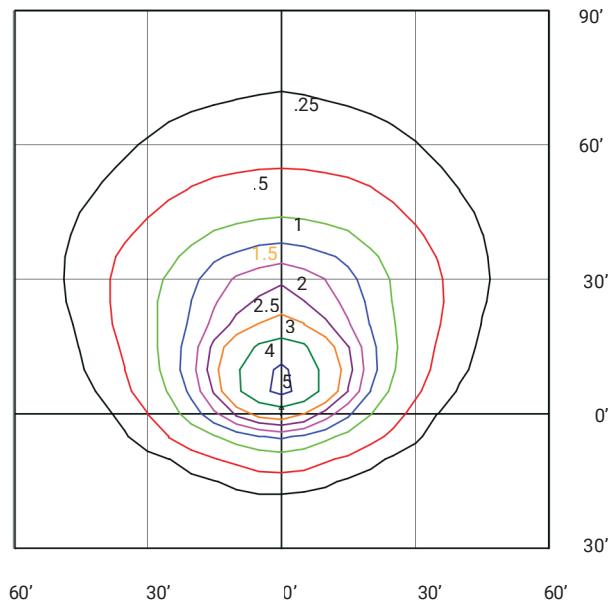
MAX CALCULATED VALUE 7.08



WP-LED80A40-H-VK-VD-DIM (80W 120V 4000K 110D)  
MOUNTED AT 24 FEET

LUMENS 12005.5

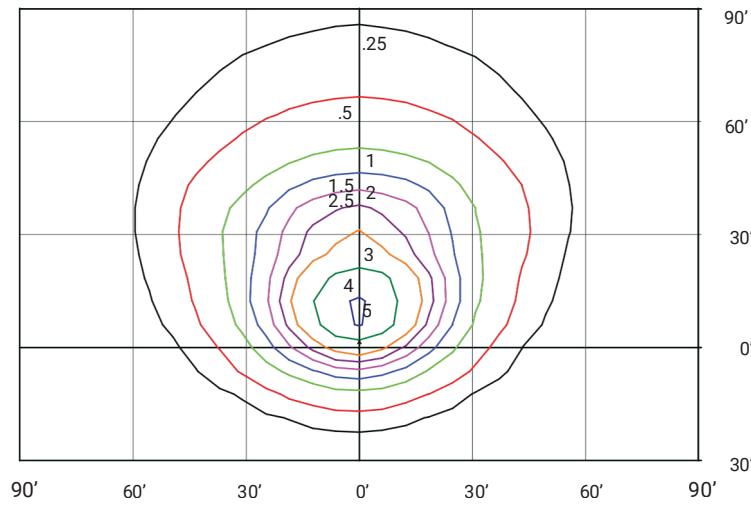
MAX CALCULATED VALUE 5.24



WP-LED120A80-H-VK-VD-DIM (120W 120V 4000K 110D)  
MOUNTED AT 30 FEET

LUMENS 18026

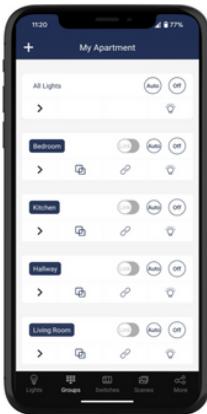
MAX CALCULATED VALUE 5.12



# CONTROLLED

**RAB**<sup>®</sup>  
DESIGN

ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



**Organized Areas:**  
Create Zones, Groups and Group linkages.



**Dimming Lights:**  
Set dim level for groups or individual lights.



**Scenes:**  
Create custom scenes for different scenarios.



**Schedules:**  
Create custom schedules for recurring events.



**Share Access:**  
Share access using QR codes.

## Get the App!



## BLUETOOTH CONTROL

### FEATURES

- Bluetooth mesh network
- DLC - Networked Lighting Control (NLC) & Luminaire Level Lighting Control (LLLC)
- Group and Individual fixture dimming
- Scenes & Schedules

### SPECIFICATIONS

Input Voltage	12 VDC
Input Current	Min 150mA
Output Current	10mA Max.
Dimming	Class 2, 0-10 VDC
Bluetooth Transmit	860ft Max.
Radio Frequency	2.4GHz ±75MHz
Bluetooth Version	5.0



**RAB**<sup>®</sup>  
DESIGN

Engineered by skilled hands,  
for skilled hands.

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