SPEKTRUM+ SERIES

100-130V AC 4” Retrofit Downlight

Spektrum+ RGBTW 4” downlight offers whole home IoT lighting using Bluetooth® mesh connectivity. Control your downlights wirelessly from the convenience of your tablet or smart phone with the Spektrum+ Smart Lighting app. Featuring RGB and tunable white lighting technology, the Spektrum+ downlight offers a nearly endless array of vibrant color customization.

- RGB + Tunable CCT (2700K to 6000K) lighting control
- Excellent color rendering (90+ CRI) tunable CCT white light
- Up to 800 lumens performance
- Consumes 10.5W per fixture
- Suitable for use in dry and damp locations
- Fits most 4” recessed cans
- 25,000 hours rated life
- cETLus Listed, FCC Compliant

PROJECT:
TYPE:
LOCATION:
CATALOG NUMBER:

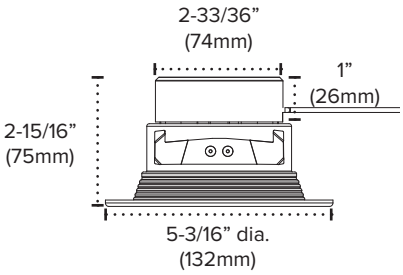
Intertek · WET LOCATION · DIMMABLE · RGB + TW

SPEKTRUM+ 4” DOWNLIGHT QUICK SPECS

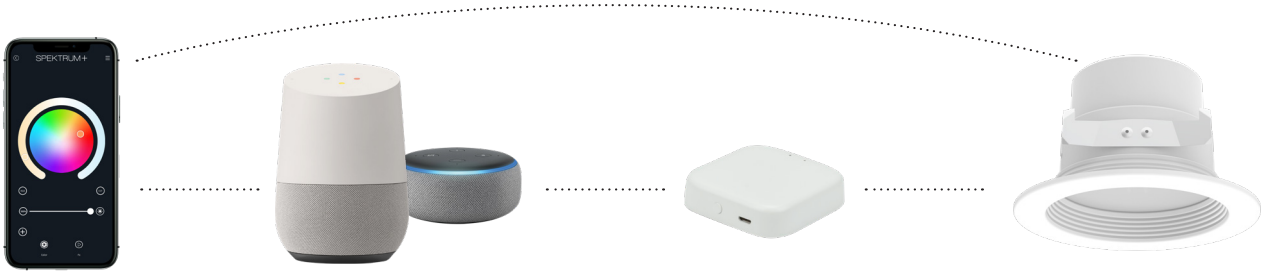
VOLTAGE	100-130V AC
WATTAGE	10.5W
LUMENS	Up to 800Lm
COLOR/CCT	RGB+TW (2700K-6000K)
CRI	90+
DIMMING	Spektrum+ app (0-100%)*
BEAM ANGLE	100°
OPERATING TEMP	-10°C (14°F) to 40°C (104°F)
AMBIENT TEMP	-20°C (-4°F) to 40°C (104°F)
CERTIFICATIONS	cETLus Listed - Wet, Indoor Locations, FCC Compliant
RATED LIFE	25,000 Hours

*Not intended for use with a standard wall switch dimmer. Use only with Spektrum+ Smart App or Spektrum+ Smart Switch control (sold separately)

SPEKTRUM+ 4” DOWNLIGHT DIMENSIONS



SPEKTRUM+ 4” DOWNLIGHT QUICK SET-UP



Spektrum+ Smart App

Voice Assistant
(Not Included)

Spektrum+ Smart Hub**
(Not Included)

Spektrum+ 4” Downlight

**Spektrum+ Smart Hub Required for automation features and use with voice assistants

SPEKTRUM+ 4” DOWNLIGHT ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION	FINISH	VOLTAGE	CCT	CRI	LUMENS	WATTAGE	DIMMING
SPKPL-DL4B-RGBTW-WH	Spektrum 4” Downlight	White	100-130VAC	RGBTW	90+	800Lm	10.5W	App Controlled

SPEKTRUM+ 4” DOWNLIGHT ACCESSORIES

ITEM NUMBER	DESCRIPTION
SPKPL-CTRL-W-RGBTW	Spektrum+ Bluetooth® Controller
SPKPL-GTWY*	WiFi to Bluetooth® Smart Hub

*Gateway recommended for use in every Spektrum+ application for full app functionality.

SPKPL-CTRL-W-RGBW

SPKPL-GTWY

SPEKTRUM+ NOTES

CONTROLLING THE FIXTURE: The attached LED controller/receiver utilizes Bluetooth Wireless Technology and can be controlled via the Spektrum+ Smart Lighting App and/or the Spektrum+ Smart Switch (SPKPL-CTRL-W-RGBTW - sold separately). It is not intended to be used with a standard dimmer switch.

DISTANCE OF CONTROL CAPABILITY: 25 meters (approx. 80ft)

RESET THE DEVICE: Power the device ON and OFF x 3 times in succession. The device will pulse BLUE once reset and ready to be paired.

USING THE SPEKTRUM+ SMART LIGHTING APP: Please follow the Spektrum+ Smart Lighting App guide.

SPEKTRUM+ SIGNAL ATTENUATION

All claims related to signal distance are based on clear line of sight. Any obstacles impeding direct line of sight will significantly reduce the effective distance of the product. Increasing density and thickness of obstacles will further decrease the signal distance.

Material Interference Table

MATERIAL	POTENTIAL FOR RANGE REDUCTION
Wood	Low
Glass	Low
Brick	Medium
Marble	Medium
Plaster	High
Concrete	High
Metal	Very High

Best practices/troubleshooting tactics include:

- Devices using the same RF band can interfere with each other’s communication. Though they cannot communicate directly, they may be able to inject noise into another system. If you experience this, the best practice is move the inadvertent receiver(s)/transmitter(s) to an alternate location or to place a barrier between the inadvertent receiver(s)/transmitter(s).
- If a receiver must be moved out of sight, make sure that the receiver is not fully enclosed and that the receiver is placed as close to the opening as possible. The signal will be able to be reflected around a corner at reduced strength.
- If an antenna is used, the signal is strongest in directions perpendicular to the direction the antenna is pointing.
- A cellphone camera can be used to test if an IR remote is transmitting a signal. Even through the infrared band is invisible to humans, the cellphone camera will pick up the IR light and display it on the screen as either a red or white light. If pressing a button does not show a light on the cellphone screen, the batteries are most likely dead and need to be replaced.