

CUBE4-WET

Project Name:

Type:



APPLICATION

These color capable luminaires bring flexibility and open doors to various types of applications. The RGB technology is a combination of three primary colors - red, green, and blue - to form a different array of colors. The RGBW technology is a combination of those three primary colors in addition to white. Additional white LEDs illuminates a much purer white tone and brings flexibility for color mixing through the RGB chips. Playing with different colors of the LEDs can form infinite color possibilities to not only just illuminate space, but manipulate for your desired hue and shades. Flexible control solutions from wireless remote, Bluetooth, to DMX512 with a wall mount touch panel can provide an ultimate solution to optimize the needs from residential to commercial, healthcare, education, retail, entertainment, office, and more.

MOUNTING:

- Pendant, surface and wall mount.

FINISH:

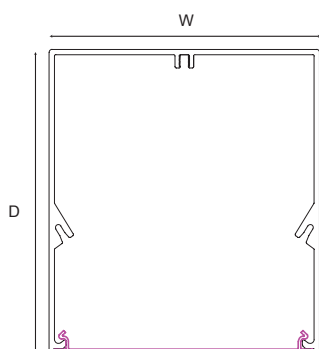
- Standard powder-coat textured white paint finish on exposed trim.
- Consult factory for custom colors.
- Comes with snap-in UV resistant polycarbonate lens.

LISTING:

- UL /cUL listed.
- Listed to UL 1598 and UL 8750.
- UL listed for wet location for covered ceilings.
- UL listed for wet location for non-covered ceiling (select OL option).
- Assembled in USA
- Warranty:

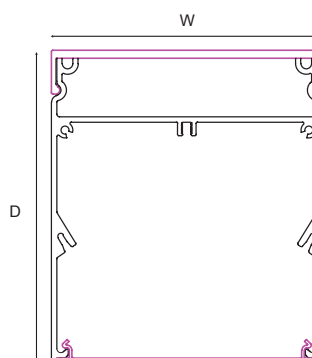
Power Supply: 5 years limited warranty.

LED: 3 years limited warranty.



Specifications: CUBE4-WET (down only)

Width: 4 (101.6)
Depth: 4.5 (114.3)



Specifications: CUBE4-WET (up & down)

Width: 4 (101.6)
Depth: 4.5 (114.3)

All dimensions are in inches (millimeters).

CUBE4-WET

ORDERING INFORMATION

* These custom products are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages.

EXAMPLE: CUBE4-IND-WET-4-DLO-RGBW-40K-UNV-X1-ST24-CV-BLT

MODEL	ROW ¹	SECTION ²	LED Downlight	LED Uplight	SYSTEM ⁴
CUBE4-IND-WET (Individual Mount) CUBE4-CON-WET (Continuous Row Mount)	xx' Specify nominal overall row length in 1' increment (Continuous run)	2 2' Length ¹⁰ 3 3' Length 4 4' Length 6 6' Length 8 8' Length ³	(Blank) No Downlight ¹⁵ DLO Low output, 9.3W/ft DHO High output, 18.6W/ft	(Blank) No Uplight ULO Low output, 9.3W/ft UHO High output, 18.6W/ft	RGBW-30K RGBW with wireless or Bluetooth solution, 3000K white ⁵ RGBW-40K RGBW with wireless or Bluetooth solution, 4000K white ⁵

MOUNTING	VOLTAGE	FIXTURE FINISH	CORD FINISH (for pendant)	CANOPY FINISH (for pendant)
(Blank) Pendant S Ceiling Surface W Wall	UNV 120-277V 120 120V 277 277V	(Blank) Matte White RAL #9003 (Std.) *BK Black RAL #9011 *SV Silver (Cardinal #T353-GR06) **CC Custom Color **AMB Anti-Microbial Coating (Matte Skye White)	(Blank) White (Std.) *BKC Black ⁶	(Blank) White (Std.) *BC Black Canopy *SC Silver Canopy **CSS Custom Canopy Color
* Non-standard finish with extra charge. ** Additional charge & set up fee.				

CEILING TYPE (for pendant)	SUSPENSION LENGTH	LED DRIVER	CONTROLS ^{5,7}
X1 15/16" grid T-bar ceiling X2 Hard ceiling X3 Sloped Hard ceiling X4 9/16" T-bar ceiling	ST24 Stem Canopy 24"L ST48 Stem Canopy 48"L * Contact factory for custom length.	CV24 24VDC Power Supply 4DMX 4-Channel DMX512 decoder ⁸	WL-MZ-WH 4-Zone RF remote, white WL-MZ-BK 4-Zone RF remote, black BLT Bluetooth / Smartphone App (Blank) No options or controls from below DMXT14 4-zone DMX512 wall mount touch panel, 100-240VAC input only DMXT8 4-zone DMX512 wall mount touch panel, 100-240VAC input only 5vdc adapter provided

OPTIONS	
EMG8 EMG15 EMG20 EMG25 COC UDSC OL WL-HLD-WH WL-HLD-BL	8W EM Battery Backup (CEC compliant EM) ^{8,9} 15W EM Battery Backup (CEC compliant EM) ^{8,9} 20W EM Battery Backup (CEC compliant EM) ^{8,9} 25W EM Battery Backup (CEC compliant EM) ^{8,9} Separated EM feed for City of Chicago code compliance Up and Down separate control UL listed for outdoor wet location for non-covered ceiling Remote holder for WL-MZ, white Remote holder for WL-MZ, black

NOTES:

- Specify only when Continuous Row Mount.
- No need to select, if same as row length and section length.
- Comes with 1pc 8ft lens.
- Custom wattage or lumen is not available.
- Refer to RGBW chart (Table1) to find more information.
- Not available with EM option.
- Refer to DMX chart (Table2) to find more information.
- EM mode only operates in white LED.
- EM is installed in last 4' of luminaire section. Separate section must be specified upon ordering and must specify voltage.
- May be provided with remote box depending on the configuration.

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RGBW CONFIGURATION

Input Voltage	24V
Watt & Lumen Efficiency	9.3 W/FT, 563 LM/FT, 60.53 LM/W (DLO) 18.6 W/FT, 1126 LM/FT, 60.53 LM/W(DHO)
Lumen Output	Red: 36.82 LM/FT (DLO) 73.64 LM/FT (DHO)
	Green: 79.55 LM/FT (DLO) 159.10 LM/FT (DHO)
	Blue: 25.82 LM/FT (DLO) 51.64 LM/FT (DHO)
	White: DLO - 100.35 lm/W (30K), 116.8 lm/W (40K) DHO - 100.35 lm/W (30K), 116.8 lm/W (40K)
CRI for white LEDs	95
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless Easy control remote, Group / Multi Zone wireless remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

CONTROL (TABLE 1)



* Remote holder sold separately

WL-MZ (RF remote control)

Dimensions	W 2" x D 0.825" x H 4.725"
Weight	0.1lbs
Signal Type	RF (Radio Frequency) 2.4GHz
Range	98ft from fixture open ai
Zone / Mode	4 zones / 9 modes
Working Temp.	-4°F to 131°F (-20°C to 55°C)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK

BLT (Bluetooth / Smartphone App)



Smart Life

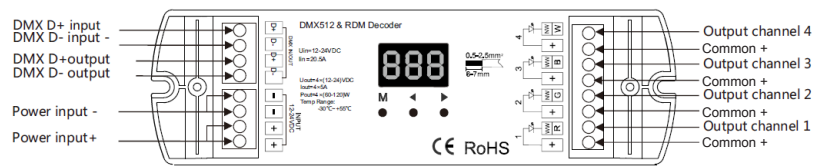


Tuya Smart

Bluetooth	
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scenes
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

CUBE4-WET

4DMX (TABLE2)



4DMX (4-channel DMX decoder)

Dimensions	L 6.7" x W 2" x D 0.9"
Output Current	5A / channels
Input Voltage	12-24V DC
Output Power	4 x (60-120)W
Frequency	PWM output



DMXT14

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)



DMXT8

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)

CUBE4-WET



Up & Down with pendant mount



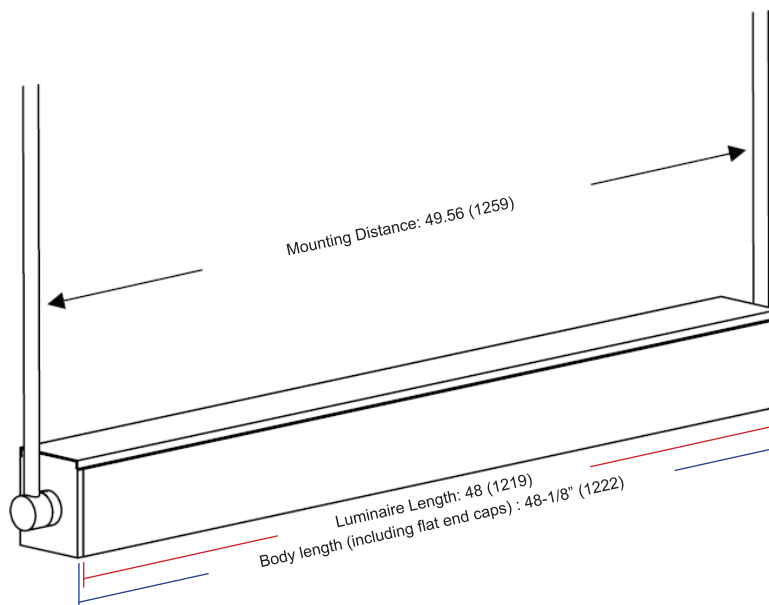
Down only with pendant mount



Surface & Wall mount

MOUNTING DETAILS

- PENDANT MOUNT (shown in direct/indirect housing)



All dimensions are in inches (millimeters).

- WALL MOUNT

