CUBE4-WET

Project Name:	
Type:	



RGBW | Wet Location | DMX 512 | RDM DMX

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 colo hue 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, retails, entertainment, office, and mor

MOUNTING:

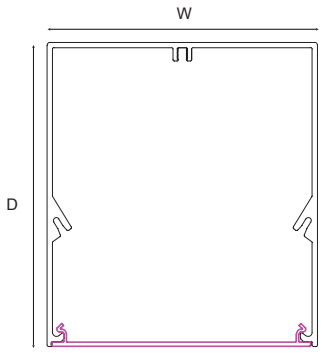
- Pendant, surface and wall mount.

FINISH:

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

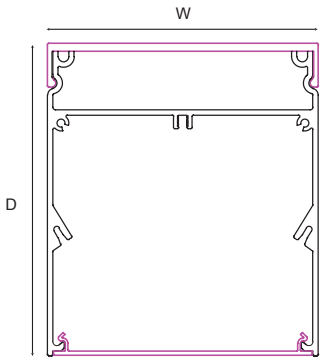
LISTING:

- 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).
- BAA, BABA or ARRA compliant (optional).
- 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).

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CUBE4-WET

ORDERING INFORMATION

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

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

MODEL		ROW [1]		SECTION [2]		LED Downlight		LED Uplight		SYSTEM [4, 5]	
CUBE4-IND-WET (Individual Mount) **CUBE4-CON-WET** (Continuous Row Mount)		**xx'**	Specify nominal overall row length in 1' increment (Continuous run)	**2** **3** **4** **6** **8**	2' Length [10] 3' Length 4' Length 6' Length 8' Length [3]	**(Blank)** **DLO** **DHO**	No Downlight [15] Low output, 9.3W/ft High output, 18.6W/ft	**(Blank)** **ULO** **UHO**	No Uplight Low output, 9.3W/ft High output, 18.6W/ft	**RGBW-27K** **RGBW-30K** **RGBW-40K** **RGBW-TW**	RGBW with wired, wireless or Bluetooth solution, 2700K white RGBW with wired, wireless or Bluetooth solution, 3000K white RGBW with wired, wireless or Bluetooth solution, 4000K white RGB + Tunable White with wired, wireless or Bluetooth solution, 2700K-6500K tunable white

MOUNTING		VOLTAGE		FIXTURE FINISH		CORD FINISH (for pendant)		CANOPY FINISH (for pendant)	
(Blank) **S** **W**	Pendant Ceiling Surface Wall	**UNV** **120** **277**	120-277V 120V 277V	**(Blank)** ***BK** ***SV** ****CC** ****AMB**	Matte White RAL #9003 (Std.) Black RAL #9011 Silver (Cardinal #T353-GR06) Custom Color Anti-Microbial Coating (Matte Skye White)	**(Blank)** ***BKC**	White (Std.) Black [6]	**(Blank)** ***BC** ***SC** ****CSS**	White (Std.) Black Canopy Silver Canopy 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 **X2** **X3** **X4**	15/16" grid T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar ceiling	**ST24** **ST48**	Stem Canopy 24"L Stem Canopy 48"L	**CV24**	24VDC Power Supply	**WL-MZ-WH** **WL-MZ-BK** **BLT**	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App
		* Contact factory for custom length.		**4DMX**	4-Channel DMX512 decoder [8]	**(Blank)** **DMXT14** **DMXT8**	No options or controls from below 4-zone DMX512 wall mount touch panel, 100-240VAC input only 4-zone DMX512 wall mount touch panel, 100-240VAC input only 5vdc adapter provided

OPTIONS	
EMG8	8W EM Battery Backup (CEC compliant EM) [8, 9]
EMG15	15W EM Battery Backup (CEC compliant EM) [8, 9]
EMG20	20W EM Battery Backup (CEC compliant EM) [8, 9]
EMG25	25W EM Battery Backup (CEC compliant EM) [8, 9]
COC	Separated EM feed for City of Chicago code compliance
UDSC	Up and Down separate control
OL	UL listed for outdoor wet location for non-covered ceiling
WL-HLD-WH	Remote holder for WL-MZ, white
WL-HLD-BL	Remote holder for WL-MZ, black
BABA	BABA compliant (Build America Buy America)
BAA	BAA compliant (Buy American Act)
ARRA	ARRA Compliant (American Recovery and Reinvestment Act)

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

CUBE4-WET

RGBW CONFIGURATION

Input Voltage	24V
Watt & Lumen Efficien	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.	-4ºF to 131ºF (-20ºC to 55ºC)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK



Smart Life



Tuya Smart

BLT (Bluetooth / Smartphone App)

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

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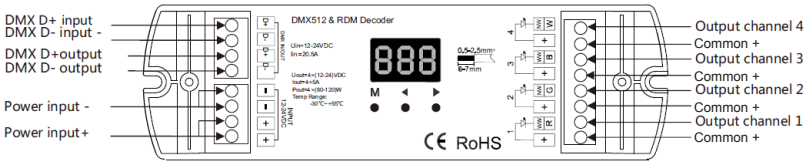
4DMX (TABLE2)



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.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)



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.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

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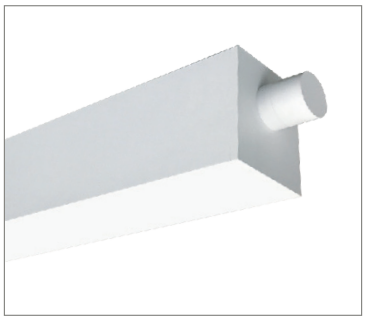
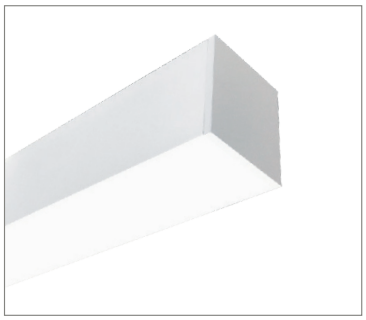
Up & Down with pendant mount



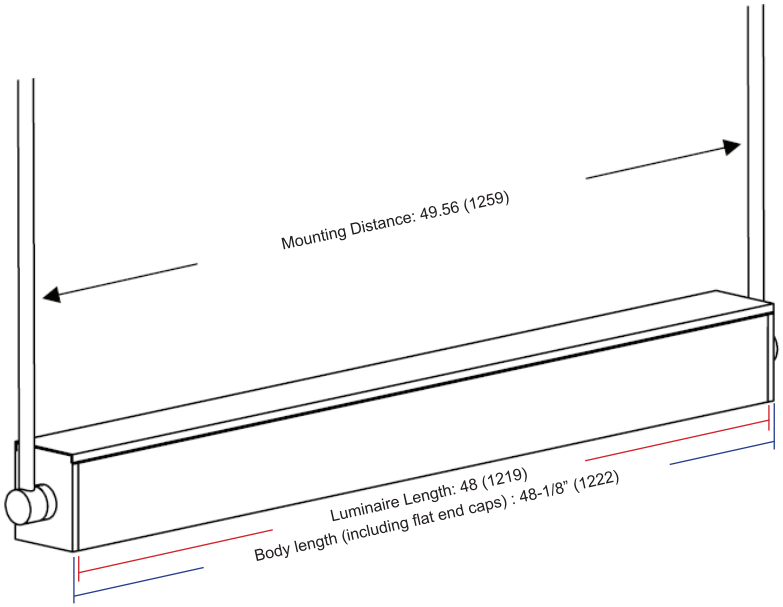
Down only with pendant mount



Surface & Wall mount

MOUNTING DETAILS

- PENDANT MOUNT (shown in direct/indirect housing)



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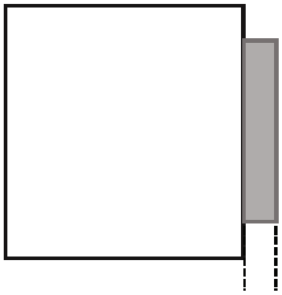
- WALL MOUNT



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