Revised: 3.27.2026

CUBE2

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 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 more.

MOUNTING:

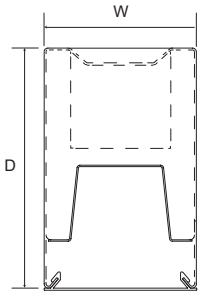
- Pendant, surface and wall mount.
- Recessed mount including T-bar, Screw slot and Drywall.

FINISH:

- Standard powder-coat textured white paint finish on exposed trim.
- Consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

LISTING:

- UL /cUL listed.
- Listed to UL 1598 and UL 8750
- UL listed for dry & damp location
- Assembled in USA.
- Warranty:
  Power Supply: 5 years limited warranty.
  DMX: 3 years limited warranty.
  LED: 3 years limited warranty.



Specifications: CUBE2

Width: 2.5 (64)
Depth: 4 (101)

All dimensions are in inches (millimeters).

WEIGHT

Item	lbs	kg
CUBE 2 2FT PENDANT	6.76	3.07
CUBE 2 3FT PENDANT	8.91	4.04
CUBE 2 4FT PENDANT	10.78	4.89
CUBE 2 8FT PENDANT	19.71	8.94
CUBE 2 HC90 PENDANT	15.19	6.89
CUBE 2 X PENDANT	15.08	6.84
CUBE 2 T PENDANT	10.45	4.74
CUBE 2 2FT DRYWALL	8.14	3.69
CUBE 2 3FT DRYWALL	11.00	4.99
CUBE 2 4FT DRYWALL	12.89	5.85
CUBE 2 8FT DRYWALL	25.45	11.55
CUBE 2 4FT G1	12.85	5.83
CUBE 2 8FT G1	23.73	10.77
CUBE 2 4FT SS	12.05	5.47
CUBE 2 8FT SS	22.15	10.05
CUBE 2 HC90 DRYWALL	17.37	7.88
CUBE 2 X DRYWALL	17.63	8.00
CUBE 2 T DRYWALL	12.76	5.79

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CUBE2

ORDERING INFORMATION * These custom products are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages. ***EXAMPLE:*** *CUBE2-IND-4-DLO-RGBW-40K-UNV-CV24-BLT*

MODEL	ROW [1]		SECTION [2]		LED Downlight (per/4ft section)		LED Uplight (per/4ft section)		SYSTEM [4,13]	
CUBE2-IND (Individual Mount) **CUBE2-CON** (Continuous Row Mount)	**xx'**	Specify nominal overall row length in 1' increments (Continuous runs)	**2** **3** **4** **6** **8**	2' Length 3' Length 4' Length 6' Length 8' Length [3]	**(Blank)** **DLO** **DHO**	No Downlight [14] Low output, 9.3W/ft High output, 18.6W/ft	**(Blank)** **ULO**	No Uplight Low output, 9.3W/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
CUBE2-SQ (Square)	**X'-Y'**	Specify dimension in inches. (Minimum required dimension is 2'-2') Must provide a sketch on the last page								
CUBE2-CM (Custom)	Must provide a sketch on the last page									

MOUNTING		VOLTAGE		FINISH		CORD FINISH [8]		CEILING TYPE (for pendant)	
(Blank)	Pendant	**UNV**	120-277V	**(Blank)**	Matte White RAL #9003 (Std.)	**(Blank)**	White (Std.)	**X1**	T-bar ceiling
S	Ceiling Surface	**120**	120V	**BK**	Black RAL #9011	**BKC**	Black	**X2**	Hard ceiling
W	Wall	**277**	277V	**SV**	Silver (Cardinal #T353-GR06)			**X3**	Sloped Hard ceiling
G1	9/16", 15/16", 1" T-bar Ceiling Grid [6]			**CC**	Custom Color				
SS	Screw Slot Ceiling Grid			**CSS**	Custom Canopy Color (White is Std.)				
FT	Standard 1/2" Flange (Drywall) [5, 7]								
SF	Spackle Flange (Trimless) [5, 7]								

SUSPENSION LENGTH		LED DRIVER		CONTROLS [15]	
AC48	Adjustable Aircraft Cable Canopy 48"L	**CV24**	24VDC Power Supply	**WL-MZ-WH**	4-Zone RF remote, white
AC96	Adjustable Aircraft Cable Canopy 96"L			**WL-MZ-BK**	4-Zone RF remote, black
ST24	Stem Canopy 24"L			**BLT**	Bluetooth / Smartphone App
ST48	Stem Canopy 48"L * Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length.	**4DMX**	4-Channel DMX512 decoder [16]	**(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			
HC90-11	90° Horizontal Lit Connector, 1'x1' [9]	**CW90**	Ceiling to Wall corner connector [11]
HC90-12	90° Horizontal Lit Connector, 1'x2' [9]	**WW**	Wall Wash
HC90-21	90° Horizontal Lit Connector, 2'x1' [9]	**GLR**	Fast Blow Fuse
HC90-22	90° Horizontal Lit Connector, 2'x2' [9]	**GMF**	Slow Blow Fuse
HC135-22	135° Horizontal Lit Connector, 2'x2' [9]	**COC**	Separated EM feed for City of Chicago code compliance
TC	T-Type Lit Connector [10]	**STB**	Slip Through Bracket [12]
XC	X-Type Lit Connector [10]	**DROP**	1/2" drop lens
		UDSC	Up and Down separate control
		WL-HLD-WH	Remote holder for WL-MZ, white
		WL-HLD-BL	Remote holder for WL-MZ, black

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. Custome wattage or lumen is not available.
5. Requires # STB as standard.
6. Compatible with T-bar ceiling type.
7. Compatible with hard ceiling type.
8. Black is not available for the EM option.
9. Refer to a separate CUBE2-HC90 spec sheet to find more information.
10. Cannot be ordered as wall mount.
11. Only applicable for FT and SF mounting option.
12. Standard with "FT" and "SF" mounting.
13. Refer to RGBW chart (Table 4) to find more information.
14. Downlight cover may ship separately depending on the configuration.
15. Refer to Table1 and Table 2 to find more information.
16. Refer to DMX chart (Table2) to find more information.

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CUBE2

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 air
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

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)

Smart Life **Tuya Smart**

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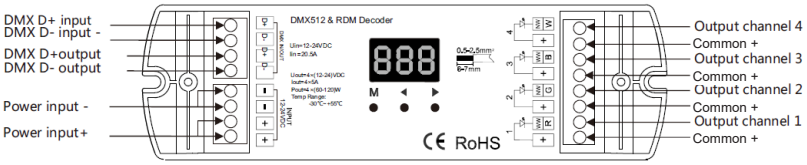
CUBE2

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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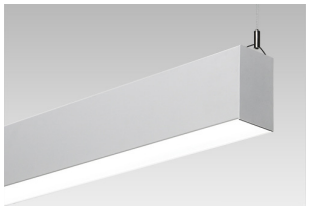
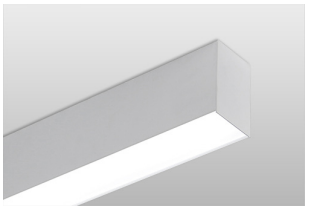
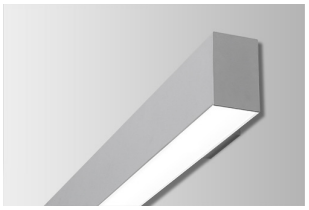


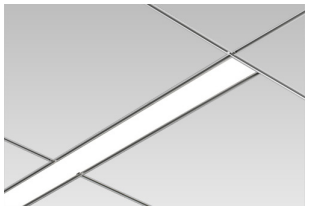
CABLE



SURFACE



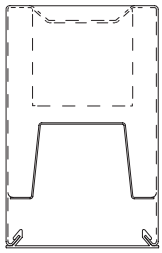
WALL



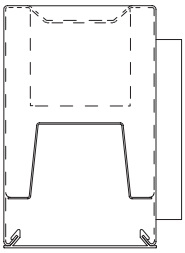
RECESSED

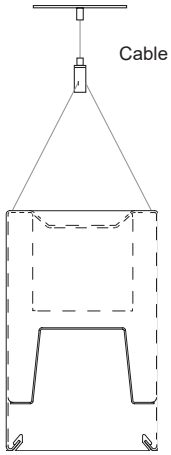
- MOUNTING DETAILS

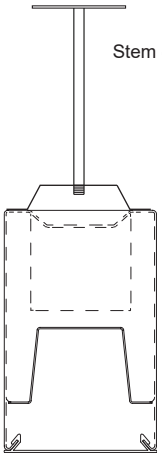
Surface



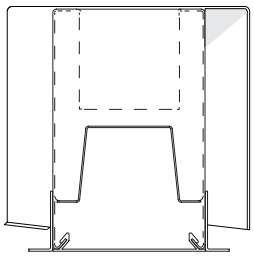
Wall



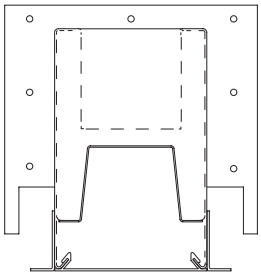




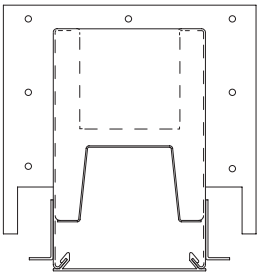
Drywall



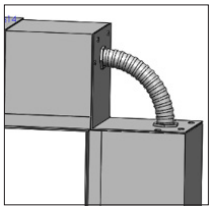
T-bar (G-1)



Screw Slot (SS)

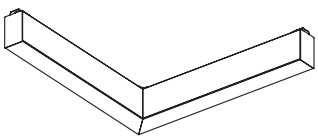


CW90



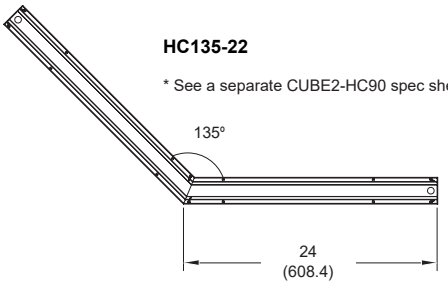
*See a separate CUBE2-Recessed spec sheet to find detail information.

- LIT CONNECTOR



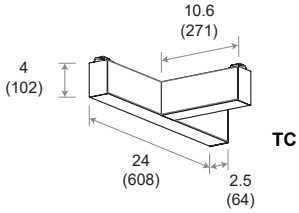
HC90-11
HC90-12
HC90-21
HC90-22

* See a separate CUBE2-HC90 spec sheet to find more information.

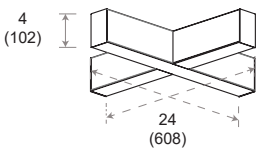


HC135-22

* See a separate CUBE2-HC90 spec sheet to find more information.



TC



XC

* See a separate CUBE2-T, CUBE-X spec sheet to find more information.

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CUBE 2 LIT CONNECTOR PATTERNS

The lit connector system allows continuous illumination all the way through the corner section.

Instruction:
- Please provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.
- HC90, TC, and XC connectors are 90 degree corners (overall, outside dimension).



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