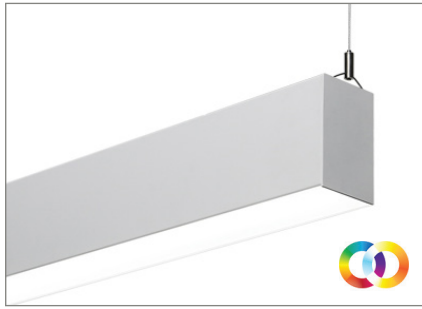# CUBE2

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.
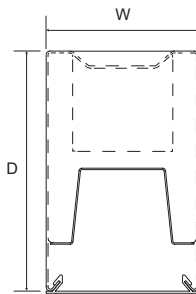
Specifications: CUBE2

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

UTOPIA LIGHTING

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	
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-30K** **RGBW-40K**	RGBW with wireless or Bluetooth solution, 3000K white [4, 13] RGBW with wireless or Bluetooth solution, 4000K white [4, 13]
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) **S** **W** **G1** **SS** **FT** **SF**	Pendant Ceiling Surface Wall 9/16", 15/16", 1" T-bar Ceiling Grid [6] Screw Slot Ceiling Grid Standard 1/2" Flange (Drywall) [5, 7] Spackle Flange (Trimless) [5, 7]	**UNV** **120** **277**	120-277V 120V 277V	**(Blank)** **BK** **SV** **CC** **CSS**	Matte White RAL #9003 (Std.) Black RAL #9011 Silver (Cardinal #T353-GR06) Custom Color Custom Canopy Color (White is Std.)	**(Blank)** **BKC**	White (Std.) Black	**X1** **X2** **X3**	T-bar ceiling Hard ceiling Sloped Hard ceiling

SUSPENSION LENGTH		LED DRIVER		CONTROLS [15]	
AC48 **AC96** **ST24** **ST48**	Adjustable Aircraft Cable Canopy 48"L Adjustable Aircraft Cable Canopy 96"L Stem Canopy 24"L Stem Canopy 48"L *Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length.	**CV24**	24VDC Power Supply	**WL-MZ-WH** **WL-MZ-BK** **BLT**	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App
		4DMX	4-Channel DMX512 decoder [16, 19]	**(Blank)** **DMXT14** **DMXT8**	No options or controls from below 4-zone DMX512 wall mount touch panel, 85~265VAC input only 4-zone DMX512 wall mount touch panel, 5vdc adapter provided

OPTIONS			
HC90-11 **HC90-12** **HC90-21** **HC90-22** **HC135-22** **TC** **XC**	90° Horizontal Lit Connector, 1'x1' [9] 90° Horizontal Lit Connector, 1'x2' [9] 90° Horizontal Lit Connector, 2'x1' [9] 90° Horizontal Lit Connector, 2'x2' [9] 135° Horizontal Lit Connector, 2'x2' [9] T-Type Lit Connector [10] X-Type Lit Connector [10]	**CW90** **WW** **GLR** **GMF** **COC** **STB** **DROP** **UDSC** **WL-HLD-WH** **WL-HLD-BL**	Ceiling to Wall corner connector [11] Wall Wash Fast Blow Fuse Slow Blow Fuse Separated EM feed for City of Chicago code compliance Slip Through Bracket [12] 1/2" drop lens Up and Down separate control Remote holder for WL-MZ, white 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.

CUBE2

RGBW CONFIGURATION

Input Voltage	24V
Watt / foot	9.3 W/ft, 563 lm/W
Lumen / foot	R: 36.82 lm/ft
	G: 79.55 lm/ft
	B: 25.82 lm/ft
	W: 100.35 lm/ft (30K), 116.8 lm/ft (40K)
CRI for white LEDs	80
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)

WL-MZ (RF remote control)

* Remote holder sold separately

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)

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, Scences
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

CUBE2

4DMX (TABLE2)
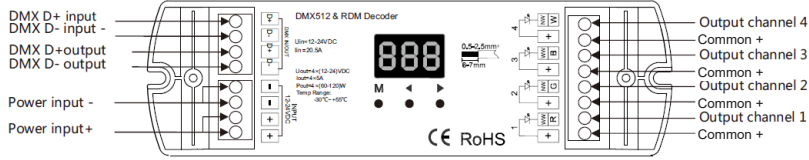
4DMX (4-channel DMX decoder)

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
Input Voltage	85-265VAC
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

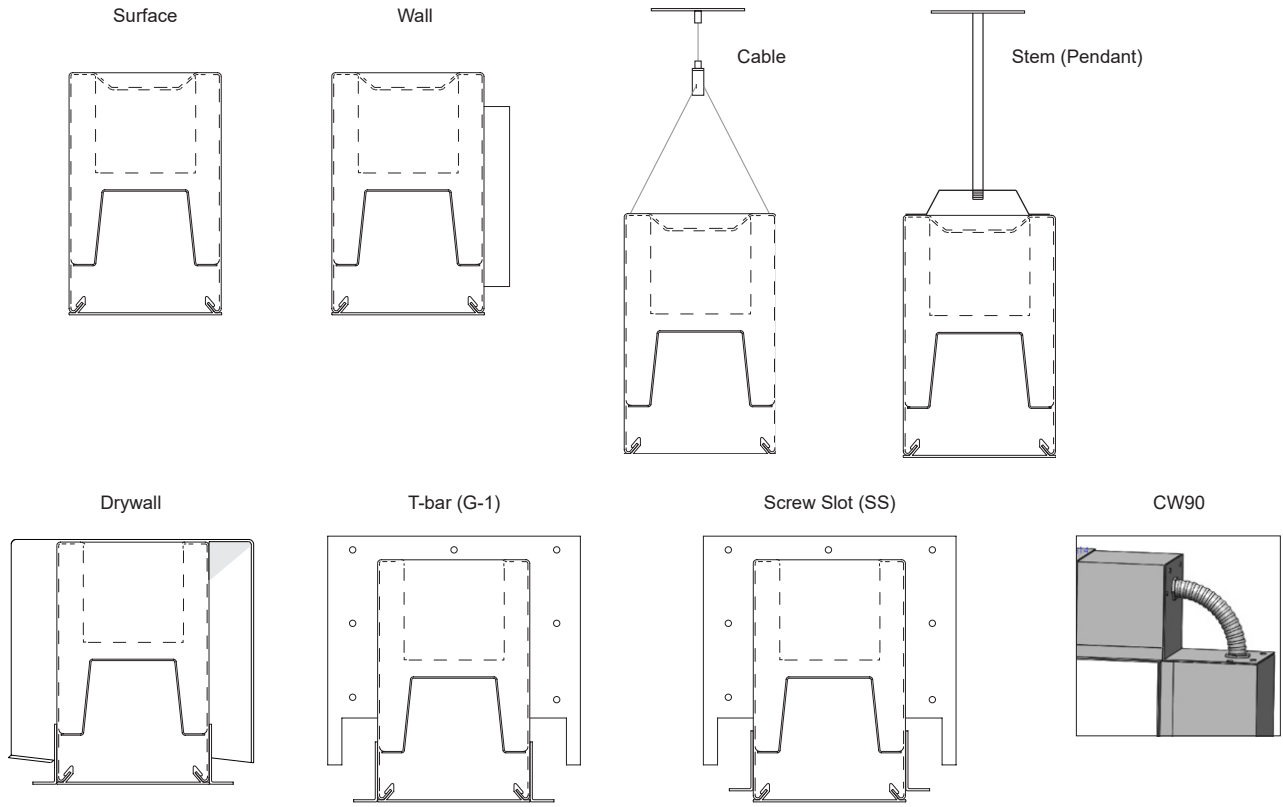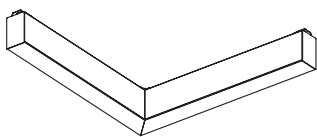| Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

ARCHITECTURAL LINEAR
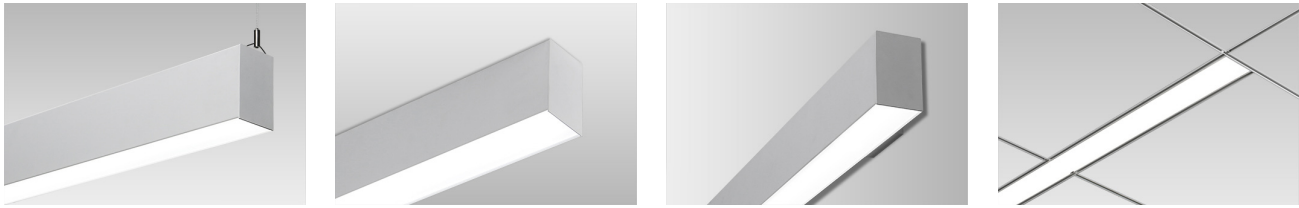
CABLE

SURFACE

WALL

RECESSED

- MOUNTING DETAILS

Surface

Wall

Cable

Stem (Pendant)

Drywall

T-bar (G-1)

Screw Slot (SS)

CW90

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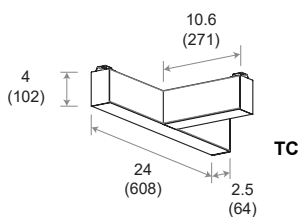
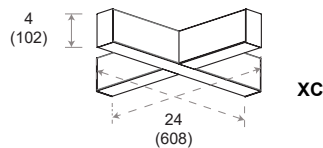## - LIT CONNECTOR

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.

135º

24
(608.4)

10.6
(271)

4
(102)

24
(608)

2.5
(64)

TC

4
(102)

24
(608)
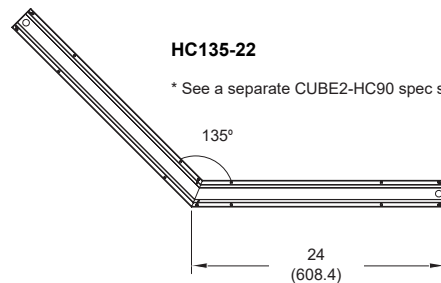
XC

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

UTOPIA
LIGHTING

ARCHITECTURAL LINEAR

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).