Revised: 1.21.2026

CUBE1

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.

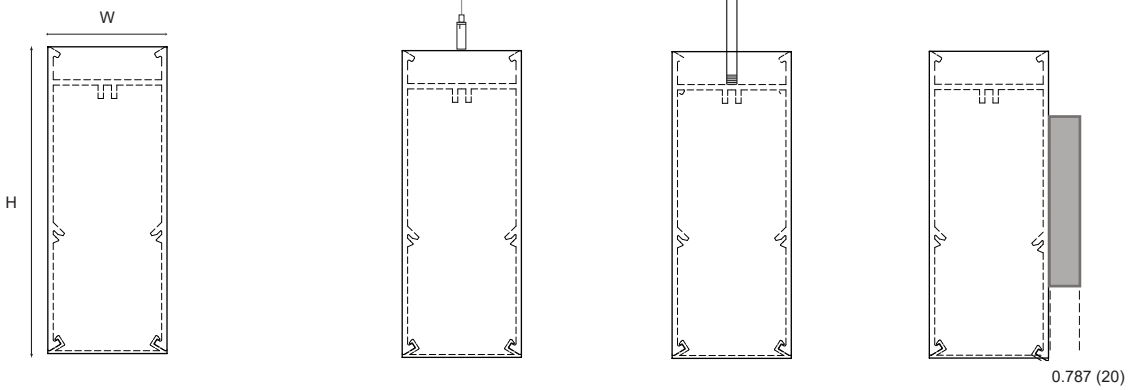
FEATURES:

- One piece extruded aluminum housing with die-cast aluminum end caps.
- Standard powder-coat textured white paint finish on exposed trim.
- One piece extruded snap-in polycarbonate lens up to 8' run.

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.

- MOUNTING DETAILS



AC Cable

Stem

Wall

Specifications: CUBE1

Width: 1.75 (44.5)
Height: 4.5 (114.3)

* All dimensions are in inches (millimeters).

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CUBE1

ORDERING INFORMATION * These custom products are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages. ***EXAMPLE:*** *CUBE1-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, 6]	
CUBE1-IND (Individual Mount) **CUBE1-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]	**DLO**	Low output, 9.3W/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
CUBE1-SQ (Square)	**X'-Y'**	Specify dimension in inches. (Minimum required dimension is 2'-2') Must provide a sketch on the last page								
CUBE1-CM (Custom)	Must provide a sketch on the last page									

MOUNTING		VOLTAGE		FIXTURE FINISH		CORD FINISH (for pendant) [5]		CANOPY FINISH (for pendant)	
(Blank)	Pendant	**UNV**	120-277V	**(Blank)**	Matte White RAL #9003 (Std.)	**(Blank)**	White (Std.)	**(Blank)**	White (Std.)
S	Ceiling Surface	**120**	120V	***BK**	Black RAL #9011	***BKC**	Black	***BC**	Black Canopy
W	Wall	**277**	277V	***SV**	Silver RAL#9022			***SC**	Silver Canopy
				****CC**	Custom Color			***CSS**	Custom Canopy Color
				***AMB**	Anti-Microbial Coating (Matte Skye White)				

* Non-standard finish with extra charge.
** Additional charge & set up fee.

CEILING TYPE (for pendant)		SUSPENSION LENGTH (for pendant)		LED DRIVER		CONTROLS [8]	
X1	15/16" grid T-bar ceiling	**AC48**	Adjustable Aircraft Cable Canopy 48"L	**CV24**	24VDC Power Supply	**WL-MZ-WH**	4-Zone RF remote, white
X2	Hard ceiling	**AC96**	Adjustable Aircraft Cable Canopy 96"L			**WL-MZ-BK**	4-Zone RF remote, black
X3	Sloped Hard ceiling	**ST24**	Stem Canopy 24"L			**BLT**	Bluetooth / Smartphone App
X4	9/16" T-bar ceiling	**ST48**	Stem Canopy 48"L	**4DMX**	4-Channel DMX512 decoder [7]	**(Blank)**	No options or controls from below
X5	9/16" Screw Slot ceiling		* Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length. * add "FC" at the end of stem length for field cuttable stem kit (ex) ST48FC))			**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	8W EM Battery Backup [9, 10]
EMG15	15W EM Battery Backup [9, 10]
EMG20	20W EM Battery Backup [9, 10]
COC	Separated EM feed for City of Chicago code compliance
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. Custom wattage or lumen is not available.
5. Black is not available for the EM option.
6. Refer to RGBW chart (Table 4) to find more information.
7. Refer to DMX chart (Table2) to find more information.
8. Refer to Table1 and Table 2 to find more information.
9. EM mode will operate with white LED.
10. Installed in the last 4' of luminaire section. Separate section required & voltage must be specified.

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RGBW CONFIGURATION

Input Voltage	24V
Watt & Lumen Efficiency	9.3 W/FT, 563 LM/FT, 60.53 LM/W
Lumen Output	Red: 36.82 LM/FT
	Green: 79.55 LM/FT
	Blue: 25.82 LM/FT
	White: 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)

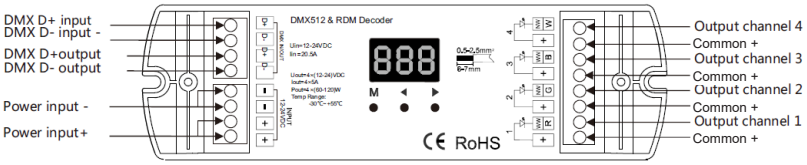
Bluetooth	
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scences
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

Smart Life **Tuya Smart**

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CUBE1

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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CUBE 1 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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