Revised: 3.27.2026

CUBE4

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:

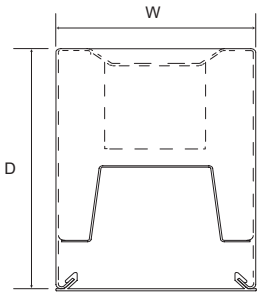
- Pendant, surface and wall mount.
- Recessed mount including T-bar, Screw slot and Drywall.

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.
  LED: 3 years limited warranty.



Specifications: CUBE4

Width: 4 (101)
Depth: 4 (101)

All dimensions are in inches (millimeters).

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CUBE4

ORDERING INFORMATION * These custom products are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages. ***EXAMPLE:*** *CUBE4-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, 5]	
CUBE4-IND (Individual Mount) **CUBE4-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 [15] 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
CUBE4-SQ (Square)	**X'-Y'**	Specify dimension in inches. (Minimum required dimension is 2'-2') Must provide a sketch on the last page								
CUBE4-CM (Custom)	Must provide a sketch on the last page									

MOUNTING		VOLTAGE		FIXTURE FINISH		CORD FINISH (for pendant)		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 [7]	***BC**	Black Canopy
W	Wall	**277**	277V	***SV**	Silver (Cardinal #T353-GR06)			***SC**	Silver Canopy
G1	9/16", 15/16", 1" T-bar Ceiling Grid [6]			****CC**	Custom Color			****CSS**	Custom Canopy Color
SS	Screw Slot Ceiling Grid			****AMB**	Anti-Microbial Coating (Matte Skye White)				
FT	Standard 1/2" Flange (Drywall)								
SF	Spackle Flange (Trimless) (Drywall)								

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

CEILING TYPE (for pendant)		SUSPENSION LENGTH		LED DRIVER		CONTROLS [5, 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 [8]	**(Blank)**	No options or controls from below
			* Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length.			**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]	**EMG8**	8W EM Battery Backup [12, 14]
HC90-21	90° Horizontal Lit Connector, 2'x1' [9]	**EMG15**	15W EM Battery Backup [12, 14]
HC90-22	90° Horizontal Lit Connector, 2'x2' [9]	**EMG20**	20W EM Battery Backup [12, 14]
HC135-22	135° Horizontal Lit Connector, 2'x2' [9]	**EMC**	CEC compliant EM [12, 14]
TC	T-Type Lit Connector [10]	**COC**	Separated EM feed for City of Chicago code compliance
XC	X-Type Lit Connector [10]	**STB**	Slip Through Bracket [13]
		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. Refer to RGBW chart (Table1) to find more information.
6. Requires # STB as standard.
7. Not available with EM option.
8. Refer to DMX chart (Table2) to find more information.
9. Refer to a separate CUBE2-HC90 spec sheet to find more information.
10. Cannot be ordered in wall mount.
11. Recessed mount only.
12. EM mode will operate with white LED.
13. Standard with "FT" and "SF" mounting and must be selected.
14. EM is installed in last 4' of luminaire section. Separate section required must be specified when ordering and must specify voltage.
15. Downlight cover may ship separately 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 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



Smart Life



Tuya Smart

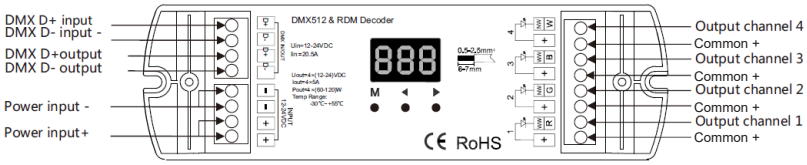
BLT (Bluetooth / Smartphone App)

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)

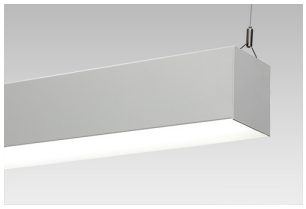


DMXT8

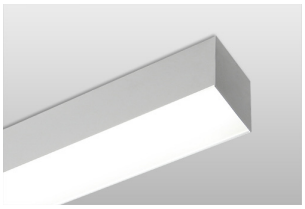
Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

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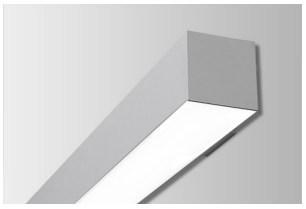
CUBE4



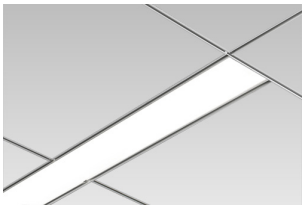
CABLE



SURFACE



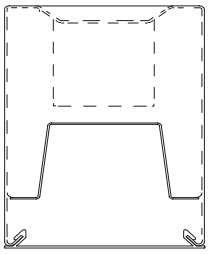
WALL



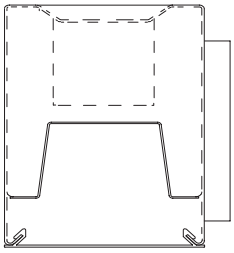
RECESSED

- MOUNTING DETAILS

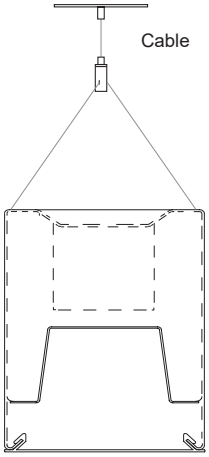
Surface



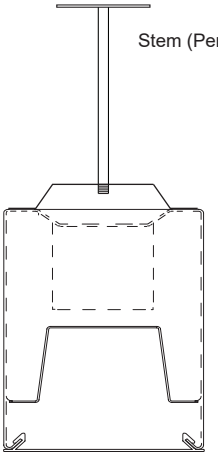
Wall



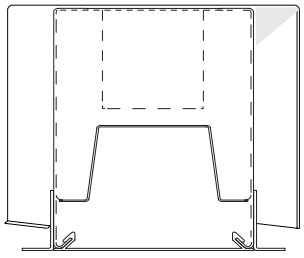
Cable



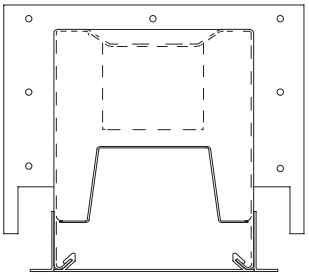
Stem (Pendent)



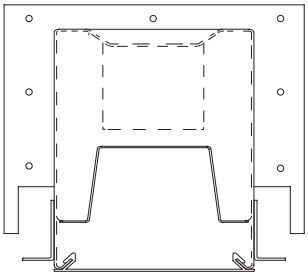
Drywall



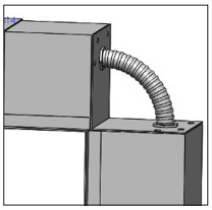
T-bar (G-1)



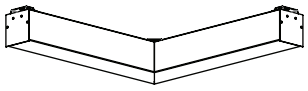
Screw Slot (SS)



CW90

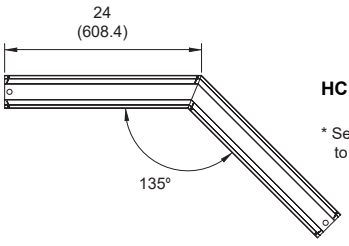


- LIT CONNECTOR



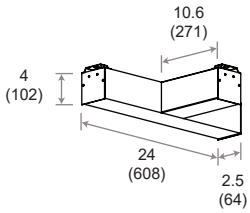
HC90-11
HC90-12
HC90-21
HC90-22

* See a separate CUBE4-HC90 spec sheet to find more information.

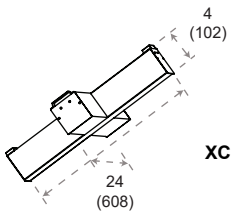


HC135-22

* See a separate CUBE4-HC90 spec sheet to find more information.



TC



XC

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CUBE 4 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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