

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:

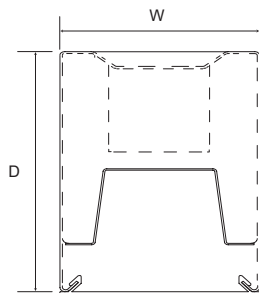
- Pendant, surface and wall mount.
- Recessed mount including T-bar, Screw slot and Drywall.

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).

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
CUBE4-IND (Individual Mount) CUBE4-CON (Continuous Row Mount)	xx' Specify nominal overall row length in 1' increments (Continuous runs)	2 2' Length 3 3' Length 4 4' Length 6 6' Length 8 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-30K RGBW with wireless or Bluetooth solution, 3000K white ⁵ RGBW-40K RGBW with wireless or Bluetooth solution, 4000K white ⁵
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) 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) Spackle Flange (Trimless) (Drywall)	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 ⁷	(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, 8}	
X1 X2 X3 X4	15/16" grid T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar ceiling	AC48 AC96 ST24 ST48	Adjustable Aircraft Cable Canopy 48"L Adjustable Aircraft Cable Canopy 96"L Stem Canopy 24"L Stem Canopy 48"L	CV24 4DMX	24VDC Power Supply 4-Channel DMX512 decoder ⁸	WL-MZ-WH WL-MZ-BK BLT (Blank) DMXT14 DMXT8	4-Zone RF remote, white 4-Zone RF remote, black Bluetooth / Smartphone App 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
			* Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length.				

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 EMG8 EMG15 EMG20 EMC COC STB UDSC WL-HLD-WH WL-HLD-BL	Ceiling to Wall corner connector ¹¹ 8W EM Battery Backup ^{12, 14} 15W EM Battery Backup ^{12, 14} 20W EM Battery Backup ^{12, 14} CEC compliant EM ^{12, 14} Separated EM feed for City of Chicago code compliance Slip Through Bracket ¹³ Up and Down separate control Remote holder for WL-MZ, white Remote holder for WL-MZ, black

NOTES:

- Specify only when Continuous Row Mount.
- No need to select, if same as row length and section length.
- Comes with 1pc 8ft lens.
- Custom wattage or lumen is not available.
- Refer to RGBW chart (Table1) to find more information.
- Requires # STB as standard.
- Not available with EM option.
- Refer to DMX chart (Table2) to find more information.
- Refer to a separate CUBE2-HC90 spec sheet to find more information.
- Cannot be ordered in wall mount.
- Recessed mount only.
- EM mode will operate with white LED.
- Standard with "FT" and "SF" mounting and must be selected.
- EM is installed in last 4' of luminaire section. Separate section required must be specified when ordering and must specify voltage.
- Downlight cover may ship separately depending on the configuration.

CUBE4

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)



* 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.	-4°F to 131°F (-20°C to 55°C)
* Battery	2 x AAA battery

* Not included



WL-HLD-WH



WL-HLD-BK



Smart Life



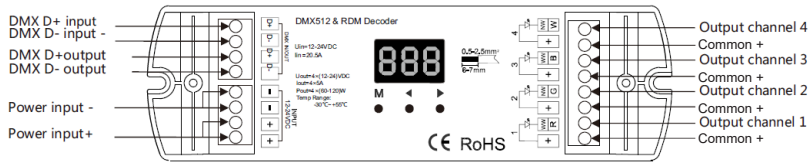
Tuya Smart

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

CUBE4

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

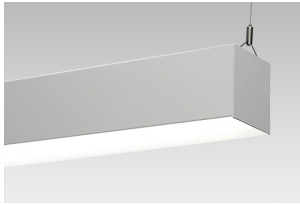
Zone	4 zone
Signal	DMX512 protocol
Input Voltage	85-265VAC
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22°F ~ 131°F (-30°C ~ 55°C)



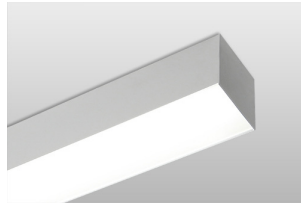
DMXT8

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.	-22°F ~ 131°F (-30°C ~ 55°C)

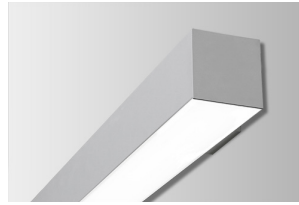
CUBE4



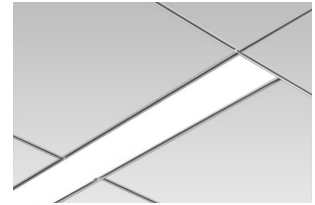
CABLE



SURFACE



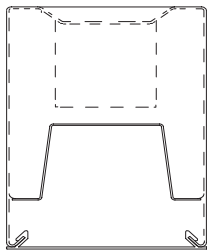
WALL



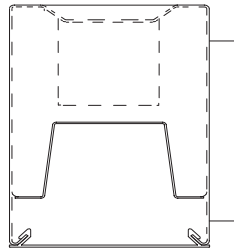
RECESSED

- MOUNTING DETAILS

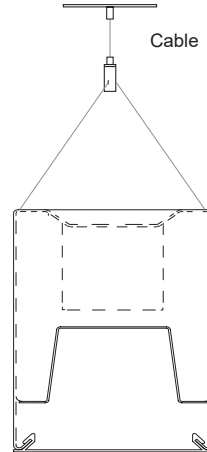
Surface



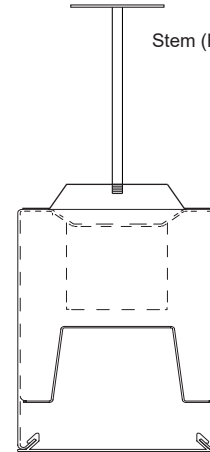
Wall



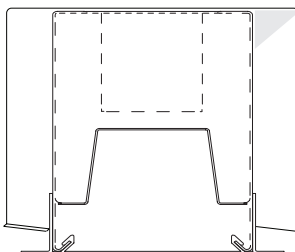
Cable



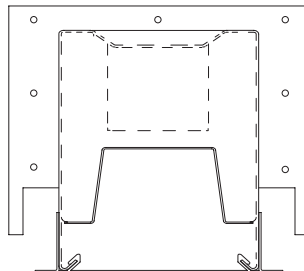
Stem (Pendent)



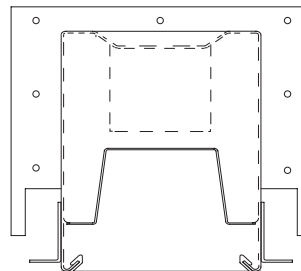
Drywall



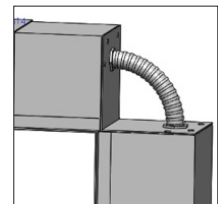
T-bar (G-1)



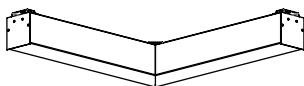
Screw Slot (SS)



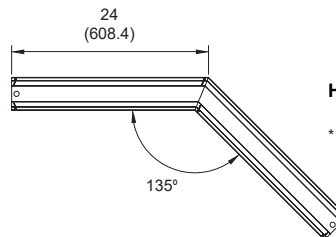
CW90



- LIT CONNECTOR



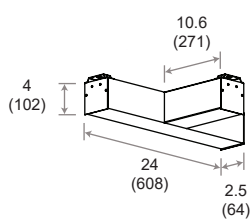
**HC90-11
HC90-12
HC90-21
HC90-22**



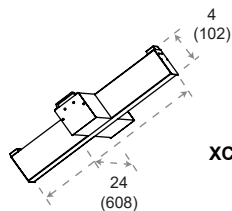
HC135-22

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

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



TC



XC

ARCHITECTURAL LINEAR

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).

