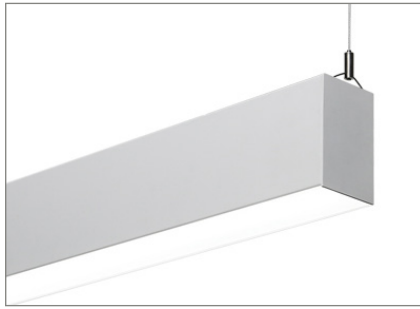# CUBE2

APPLICATION

Smart Wi-Fi system compatible with Google Home and Amazon Alexa will make your life easier. The app is easy to set up, and can create multiple zones, multiple users and multiple scenes. Available in Tunable White, RGB and RGBW system. 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. The Smart Wi-Fi system 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
• CEC Compliant EM (please contact for more information)
• Assembled in USA (optional)
• Warranty:
 Power source: 5 years limited warranty.
 -2762K, RGB, RGBW: 15 years limited warranty.
 Control: 2 years limited warranty.
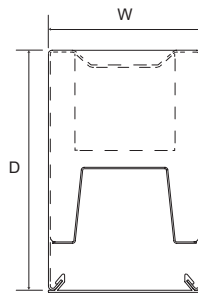
Specifications: CUBE2

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

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-2762K-UNV-CV24-SMAFI*

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** 2' Length **3** 3' Length **4** 4' Length **6** 6' Length **8** 8' Length [3]	**(Blank)** No Downlight [14] **DLO** Low output, 4.4 W/ft, 494 lm/ft **DHO** High output, 8.8 W/ft, 988 lm/ft		**(Blank)** No Uplight **ULO** Low output, 4.4 W/ft, 494 lm/ft **UHO** High output, 8.8 W/ft, 988 lm/ft		**-2762K** Tunable White 2700-6200K With wireless solution [4,6]	
CUBE2-SQ (Square)	**X'-Y'** Specify dimension in inches. (Minimum required dimension is 2'-2') Must provide a sketch on the last page		**(Blank)** No Downlight [14] **DLO** Low output, 4.4W/ft **DHO** High output, 8.8W/ft		**(Blank)** No Uplight **ULO** Low output, 4.4W/ft **UHO** High output, 8.8W/ft		**RGB** RGB with wireless or Bluetooth solution [4,5]	
CUBE2-CM (Custom)	Must provide a sketch on the last page		**(Blank)** No Downlight [14] **DLO** Low output, 10W/ft		**(Blank)** No Uplight **ULO** Low output, 10W/ft		**RGBW-xxK** RGBW with wireless or Bluetooth solution, select white "xxk" in 24/27/30/42/62K [4,15]	

MOUNTING		VOLTAGE		POWER FEED LOCATION		FINISH		CORD FINISH	
(Blank) **S** **W** **G1** **SS** **FT** **SF**	Pendant Ceiling Surface Wall 9/16", 15/16", 1" T-bar Ceiling Grid [8] Screw Slot Ceiling Grid Standard 1/2" Flange (Drywall) [7,9] Spackle Flange (Trimless) [7,9]	**UNV** **120** **277**	120-277V 120V 277V	**PL**	Power location must be provided in the drawing (Std.) * Required for -SQ and -CM model only.	**(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

CORD LOCATION		CEILING TYPE (for pendant)		SUSPENSION LENGTH		LED DRIVER		CONTROLS	
2SEND **2DEND**	2 Feeds on single end 2 Feeds on dual end * Two power feed standard.	**X1** **X2** **X3**	T-bar ceiling Hard ceiling Sloped Hard 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 * Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length.	**CV24**	24VDC power supply	**SMAFI**	Smart Wi-Fi compatible with Google Home and Amazon Alexa, 24V * Refer to Table #1~4 to find more information. Shipped separately, field installed. Refer to the installation instructions for more information.

OPTIONS			
HC90-11	90° Horizontal Lit Connector, 1'x1' [10]	**CW90**	Ceiling to Wall corner connector [12]
HC90-12	90° Horizontal Lit Connector, 1'x2' [10]	**WW**	Wall Wash
HC90-21	90° Horizontal Lit Connector, 2'x1' [10]	**ELCU-200**	Fail-to-on Emergency lighting, UL924
HC90-22	90° Horizontal Lit Connector, 2'x2' [10]	**GLR**	Fast Blow Fuse
HC135-22	135° Horizontal Lit Connector, 2'x2' [10]	**GMF**	Slow Blow Fuse
TC	T-Type Lit Connector [11]	**ARRA**	Assembled in USA for Buy American Act
XC	X-Type Lit Connector [11]	**STB**	Slip Through Bracket [13]

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. Refer to RGB chart (Table3) to find more information.
6. Refer to Tunable White chart (Table2) to find more information.
7. Requires # STB as standard.
8. Compatible with T-bar ceiling type.
9. Compatible with hard ceiling type.
10. Refer to a separate CUBE2-HC90 spec sheet to find more information.
11. Cannot be ordered as wall mount.
12. Only applicable for FT and SF mounting option.
13. Standard with "FT" and "SF" mounting.
14. Downlight cover may ship separately depending on the configuration.
15. Refer to RGBW chart (Table 4) to find more information.

CUBE2

SMAFI (TABLE 1)

	-2762K (Tunable White)	RGB	RGBW
Input Voltage	24V		
Systems	Google Home, Amazon Alexa		
Dimming Type	PWM		
Dimming Range	5 - 100%		
Signal Type	Wi-Fi		
Operating Frequency	2.4 GHz		
Operating Temperature	-4°F to 113°F (-20°C to 45°C)		
Environment	IP20, indoor / dry location only		
Warranty	2 Years		
App	IOS & Android "Smart Life"		

TUNABLE WHITE -2762K (TABLE2)

Tunable Range	2700 - 6200K
Lumen Efficiency	494 lm/ft , up to 108 lm/W
CRI	90+
Dimming	PWM
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

RGB (TABLE 3)

Input Voltage	24V
Watt / foot	4.4 W/ft
Lumen / foot	R: 20 lm/ft
	G: 92 lm/ft
	B: 19 lm/ft
Color Consistency	3-step MacAdam binning
Lumen Maintenance	> 50,000 hours
Control Options	Wireless Wall/Desktop remote, Wireless Easy Control remote, Wireless Group/Multi-Zone remote, Bluetooth (Smartphone / APP)
Warranty	5 years limited warranty for power supply, 15 years limited warranty for LED source

RGBW (TABLE 4)

Input Voltage	24V
Watt / foot	10 W/ft
Lumen / foot	R: 43.33 lm/ft
	G: 200 lm/ft
	B: 40 lm/ft
	W: 314 lm/ft (24K), 324 lm/ft (27K), 398 lm/ft (30K), 414 lm/ft (42K), 426 lm/ft (62K)
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

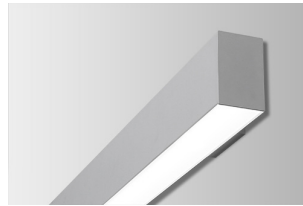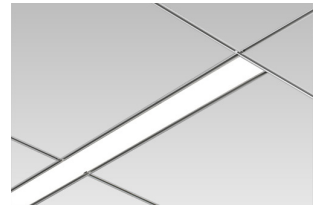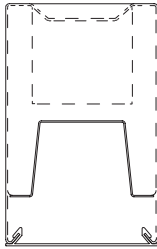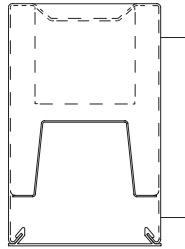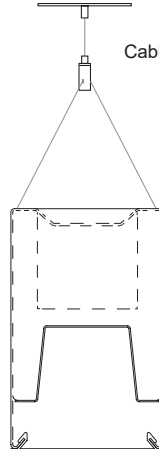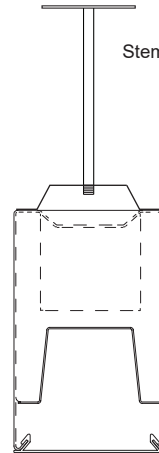# ARCHITECTURAL LINEAR
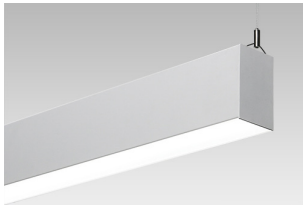
CABLE
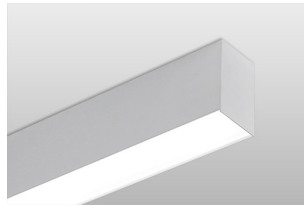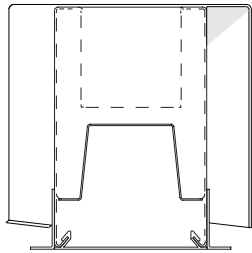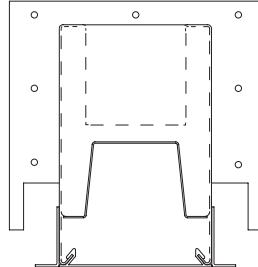

SURFACE

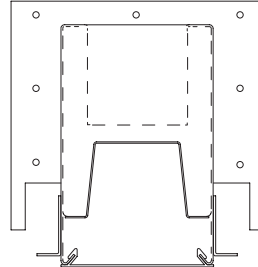WALL

RECESSED

- MOUNTING DETAILS
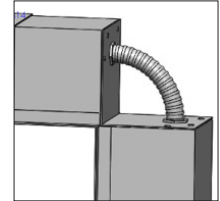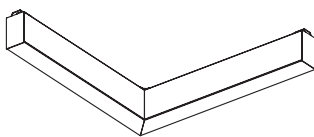
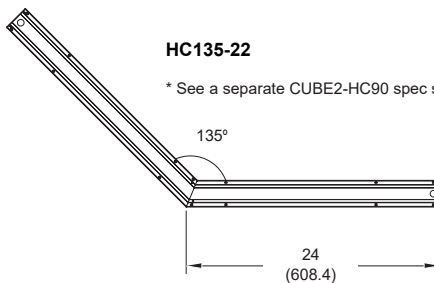Surface

Wall

Cable

Stem (Pendant)

Drywall

T-bar (G-1)

Screw Slot (SS)

CW90

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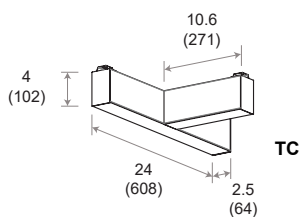
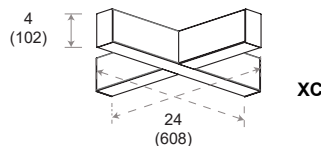**- LIT CONNECTOR**

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.

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).