HALO

DESCRIPTION

Ideal for task, accent, office, cove, and utility, under and above cabinet lighting display, the Halo Undercabinet low-profile design delivers maximum energy savings with easy installation. The integrated universal driver design allows operation across a range of 120 to 277 volts and each fixture is equipped with a seleCCTable switch that allows users to customize color temperature. Fixtures are available in 9", 18", 24", 36" and 48" lengths with White and Matte Black finishes. To deliver added energy savings and increased utility, the HU30 also offers either a motion sensor or a USB port option for units 18 inch or larger. Each unit has an integrated on-off switch and offers smooth dimming down to 5% using a standard dimmer*. Multiple wiring options make installation a simple task. The HU30 also boasts a Minimum Color Rendering Index (CRI) of 90 in 2700K, 3000K, 3500K and 4000K color temperatures.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Even Light Distribution
Specialized optical system consisting of tightly clustered proximity phosphor LEDs, advanced optical chamber coatings and lens materials resulting in soft illumination with high efficiency. These fixtures are ideal for task lighting over glossy surfaces with no distracting shadow patterns.

Color Temperature
4 position external SeleCCTable color temperature switch allows users to choose between 2700K, 3000K, 3500K and 4000K and adjust per their lighting needs.

PIR Motion Sensor
The PIR technology based motion sensor allows for fixture on/off to be managed based on movement detection. See table for detection distance. At time of installation, the sensor can be configured to vacancy or occupancy functionality as well as to control multiple fixtures connected together.***

USB Port
The USB output supplies 5V 0.5A and is useful for charging many smart devices and accessories requiring a USB input. Note that the USB power supply is integrated into the fixture and charging performance will be affected by the use of a dimmer.

Wiring Flexibility
Use any combination of three different wiring methods: Bring flexible conduit or Romex directly to either end or back of any size fixture. Conduit connector and romex strain relief hardware is included with each fixture. Otherwise users can utilize the available plug in connectors (sold separately) to link additional fixtures to the circuit (See instructions sheets for more detail).** Link any combination of fixtures up to 450 W total load using available connectors.

Durable Low Profile Housing
Extruded aluminum housing and color matched end caps with a sleek over all height of 3/4".

Mounting
Each unit is secured directly to the mounting surface with just two fasteners keeping installation costs and efforts low. Can be mounted in horizontal and vertical orientations.

Optional Accessories
Optional splice box has a connection port on each side to allow for runs in either or both directions. Includes Romex/1/2" conduit connector. Various connector cable options and lengths provide flexibility of mounting location.

Finish Options
Fixtures and accessories are available in both White (P) and Matte Black (MB) finishes.

Electronic Driver & Dimming
Universal Voltage (120-277V, 50/60Hz) Electronic driver provides flicker free light output and noise free operation. Designed for continuous dimming (ELV or TRIAC) down to 5% at 120V with compatible dimmers.*

Compliance & Certifications
- cULus listed
- Can be used to meet IECC, ASHRAE commercial and residential standards
- FCC rated driver
- Damp location listed
- Closet rated
- ENERGY STAR® certified

Factory Defaults
The fixtures will be set to the following default where applicable:
CCT: 3000K
Motion sensor configuration: Occupancy
Motion sensor time out: 8 minutes
Pass through control: ON

Warranty
Five-year limited warranty, consult website for details.
www.cooperlighting.com

HU30

Premium LED Undercabinet

seleCCTable
selectable color temp
2700K, 3000K, 3500K, 4000K

USB

PIR
motion sensor

ENERGY DATA
Power Factor: >0.98
THD: <20%
Color Temperature: SeleCCTable 2700K, 3000K, 3500K, 4000K
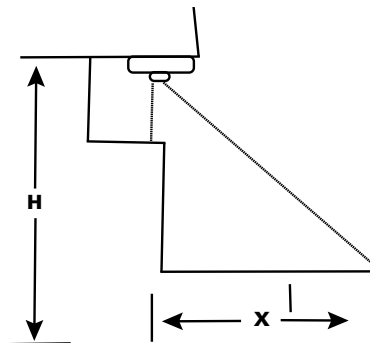**Color Rendering Index:** 90
Nominal Lumens/Ft: 300

seleCCTable™

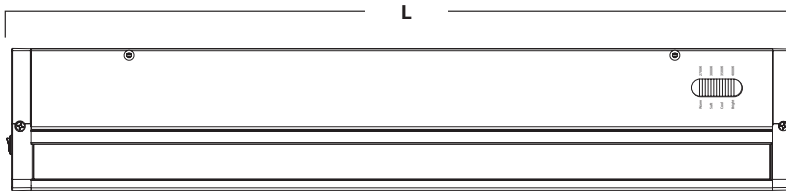| Mounting Height H (ft)	Maximum Detection Distance△ X (ft)
2	3
4	6
6	10

△ Actual detection distance may vary based on multiple factors including but not limited to angle of moving object and reflectivity of surrounding surfaces. Table is provided for guidance purposes only.
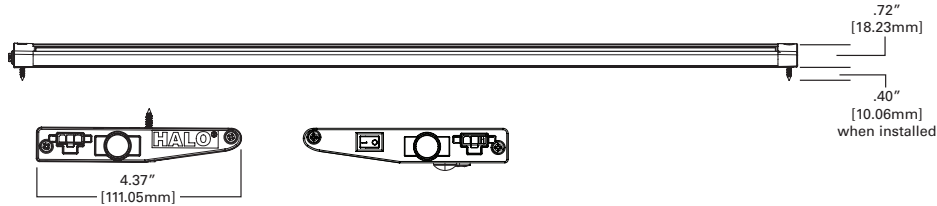
H

X

IECC International Energy Conservation Code High Efficacy Compliance

ENERGY STAR

UL CERTIFIED SAFETY

Efficiency Standards
T24 California Title 24 Residential and Non-Residential Compliant

Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.

* See our website for dimming guidance information. www.cooperlighting.com

** Plug in wire option is only available on either end (side) of the fixture. Back wire option is for romex or flexible conduit wiring only.

*** For the motion sensor to operate under vacancy functionality, the fixtures will need to be wired to a master switch or wall dimmer. Motion sensor control settings are not readily accessible after installation is complete. For details please refer to installation instructions.

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Size Description	9 in. Nominal	18 in. Nominal	24 in. Nominal	36 in. Nominal	48 in. Nominal
Length "L"	8.98" [228.1mm]	16.55" [420.4mm]	23.98" [609.1mm]	32.44" [824mm]	47.18" [1,198.4mm]
Wattage	3.7	8.2	11.1	14.2	21.4
Lumens	222	440	627	844	1253

.72"
[18.23mm]

.40"
[10.06mm]
when installed

4.37"
[111.05mm]

ORDERING INFORMATION

SAMPLE NUMBER: HU30ADV24P (24 inch Dimmable fixture, 90 CRI, SeleCCTable Color temperature, Motion sensor, White Finish)

Family	Configuration[1] / Color Temp	Length[2]	Finish
HU30 =Halo premium undercabinet	**SCT**[3]=Selectable CCT only (limited to 9 inch) **BSC**=Selectable CCT + USB (Basic) **ADV**[3]=Selectable CCT + PIR Sensor (Advanced)	**09**=9" **18**=18" **24**=24" **36**=36" **48**=48"	**P**=White **MB**=Matte Black

1. PIR sensor & USB port not offered together in a standard configuration.
2. 9 in. SKU is only offered in SCT configuration.
3. SCT & ADV configurations are ENERGY STAR® certified. Refer to certified product list for more details.

Due to global supply chain constraints, effective immediately the following HALO HU30 SKUs will be discontinued. As of this notice, returns (RMAs) will be accepted for 30 days until August 5, 2022. Please reach out to your customer service representatives for alternatives.

HU30ADV24MB
HU30ADV36P
HU30BSC36MB
HU30BSC48P
HU30ADV48P
HU30ADV48MB
HU30SCT48P

CONNECTORS & ACCESSORIES*

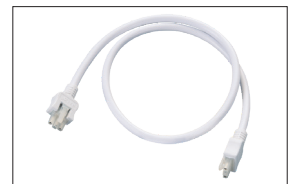**HU101**
3" Daisy Chain Connector

HU102
6" Daisy Chain Connector

HU1010
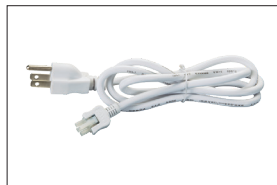12" Daisy Chain Connector

HU1011
18" Daisy Chain Connector

HU103
24" Daisy Chain Connector

HU104
120" Daisy Chain Connector

HU105
48" Power Cord - 120V only

HU109
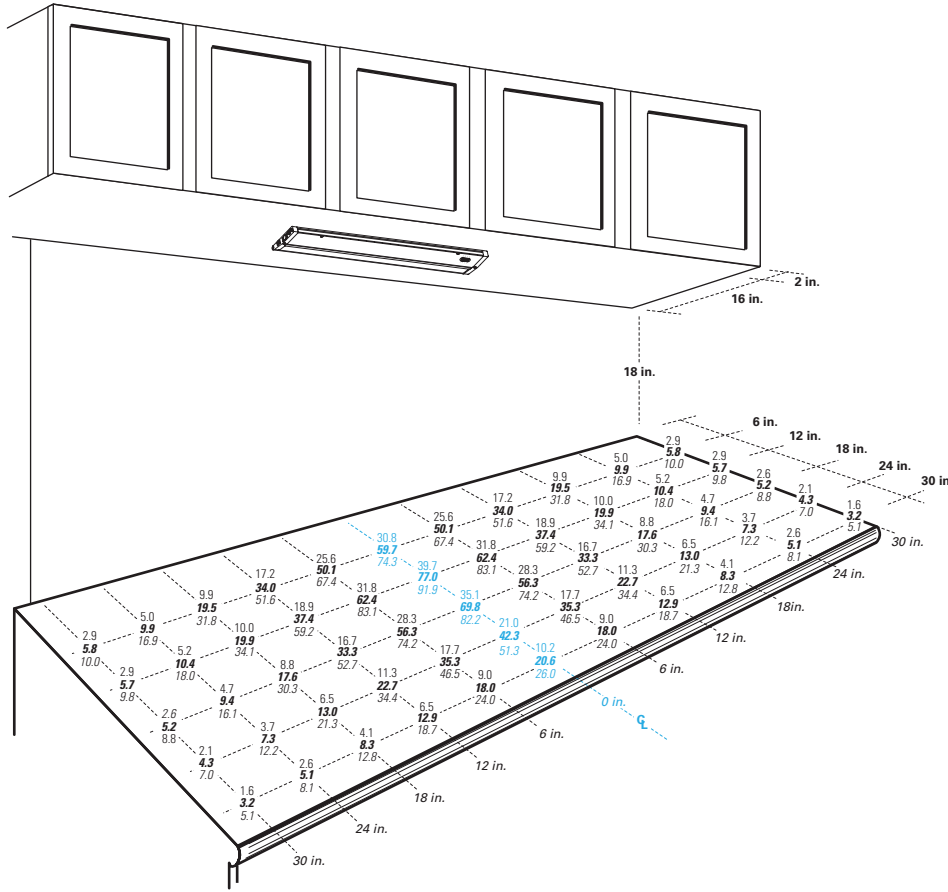Splice Box

HU107
1-1/2" Male-to-Male Connector

Finish: P = White; **MB** = Matte Black **Example:** HU101P = 3" Daisy Chain Connector, White

*Connectors and accessories work with 120V installations only.

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PHOTOMETRY

Fixture Application Illustration

MOUNTING HEIGHT 18"

Top Number
Report: HU30SCT09P.IES

Middle Number
Report: HU30BSC18P.IES

Bottom Number
Report: HU30BSC24P.IES

Countertop 60" x 30"

Diagram not to scale.

18" Mounting Height

Top Number Report - HU30SCT09P

Middle Number Report - HU30BSC18P

Bottom Number Report - HU30BSC24P

30in	24in	18in	12in	6in	0in	6in	12in	18in	24in	30in	Width	
2.9	5.0	9.9	17.2	25.6	30.8	25.6	17.2	9.9	5.0	2.9		
5.8	9.9	19.5	34.0	50.1	59.7	50.1	34.0	19.5	9.9	5.8	6 in	
10.0	16.9	31.8	51.6	67.4	74.3	67.4	51.6	31.8	16.9	10.0		
2.9	5.2	10.0	18.9	31.8	39.7	31.8	18.9	10.0	5.2	2.9		
5.7	10.4	19.9	37.4	62.4	77.0	62.4	37.4	19.9	10.4	5.7	12 in	
9.8	18.0	34.1	59.2	83.1	91.9	83.1	59.2	34.1	18.0	9.8		
2.6	4.7	8.8	16.7	28.3	35.1	28.3	16.7	8.8	4.7	2.6		
5.2	9.4	17.6	33.3	56.3	69.8	56.3	33.3	17.6	9.4	5.2	18 in	Length
8.8	16.1	30.3	52.7	74.2	82.2	74.2	52.7	30.3	16.1	8.8		
2.1	3.7	6.5	11.3	17.7	21.0	17.7	11.3	6.5	3.7	2.1		
4.3	7.3	13.0	22.7	35.3	42.3	35.3	22.7	13.0	7.3	4.3	24 in	
7.0	12.2	21.3	34.4	46.5	51.3	46.5	34.4	21.3	12.2	7.0		
1.6	2.6	4.1	6.5	9.0	10.2	9.0	6.5	4.1	2.6	1.6		
3.2	5.1	8.3	12.9	18.0	20.6	18.0	12.9	8.3	5.1	3.2	30 in	
5.1	8.1	12.8	18.7	24.0	26.0	24.0	18.7	12.8	8.1	5.1		

15" Mounting Height

Top Number Report - HU30SCT09P

Middle Number Report - HU30BSC18P

Bottom Number Report - HU30BSC24P

30in	24in	18in	12in	6in	0in	6in	12in	18in	24in	30in	Width	
2.4	4.2	8.9	17.1	28.5	36.4	28.5	17.1	8.9	4.2	2.4		
4.7	8.4	17.8	33.8	56.0	70.4	56.0	33.8	17.8	8.4	4.7	6 in	
8.3	14.9	30.5	54.1	75.1	83.3	75.1	54.1	30.5	14.9	8.3		
2.3	4.5	9.3	20.1	40.3	55.3	40.3	20.1	9.3	4.5	2.3		
4.7	8.9	18.5	39.9	79.4	107.4	79.4	39.9	18.5	8.9	4.7	12 in	
8.2	16.3	34.5	69.8	107.1	117.5	107.1	69.8	34.5	16.3	8.2		
2.1	4.0	8.1	17.7	35.6	48.3	35.6	17.7	8.1	4.0	2.1		
4.2	7.9	16.3	35.4	71.0	96.5	71.0	35.4	16.3	7.9	4.2	18 in	Length
7.3	14.4	30.5	61.7	94.9	104.5	94.9	61.7	30.5	14.4	7.3		
1.7	3.0	5.7	11.1	19.3	24.3	19.3	11.1	5.7	3.0	1.7		
3.4	6.0	11.5	22.2	38.6	48.9	38.6	22.2	11.5	6.0	3.4	24 in	
5.7	10.5	19.9	35.6	50.9	56.5	50.9	35.6	19.9	10.5	5.7		
1.2	2.0	3.4	5.6	8.4	9.7	8.4	5.6	3.4	2.0	1.2		
2.5	4.0	6.8	11.3	16.8	19.7	16.8	11.3	6.8	4.0	2.5	30 in	
4.0	6.6	10.9	16.7	22.0	24.1	22.0	16.7	10.9	6.6	4.0		

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Product availability, specifications, and compliances are subject to change without notice.