Project		Catalog #		Type	
Prepared by		**Notes**		**Date**	

HALO

HU30M

Modular High Performance LED
Under Cabinet

Typical Applications
Residential • Commercial

Interactive Menu

Product Features

seleCCTable 5 colors · dim-to-warm option included · Can be used for IECC International Energy Conservation Code High Efficacy Compliance · ENERGY STAR · UL CERTIFIED SAFETY · Efficiency Standards T24 California Title 24 Residential and Non-Residential Compliant

Top Product Features

- 5 selectable color temperatures: 2700K, 3000K, 3500K, 4000K and 5000K, 90 CRI
- Dim-To-Warm range: 2700K to 1800K (120V only)
- Field installable modular PIR Motion sensor accessory adds convenience and energy savings
- Field installable modular USB-A accessory port charges smart devices
- Universal voltage operates at 120V - 277V
- Smooth, continuous (ELV/TRIAC) dimming down to 5% at 120V with compatible dimmers
- 3/4" Sleek profile and even light distribution with low glare optics

Dimensional and Mounting Details

Mounting Height H (ft)	Maximum PIR Detection Distance$^\triangle$ X (ft)
2	3.5
4	5.7
6	6.5

$^\triangle$ 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.

COOPER Lighting Solutions

L
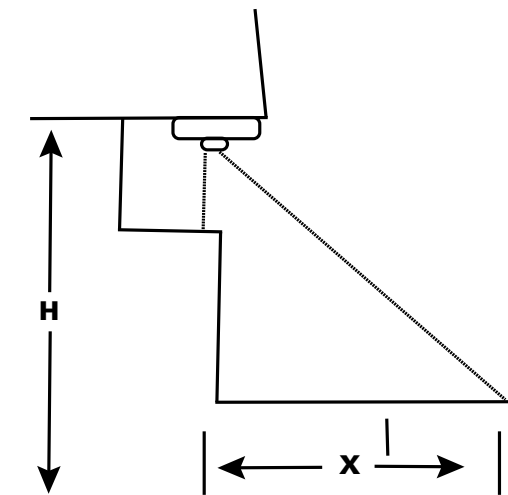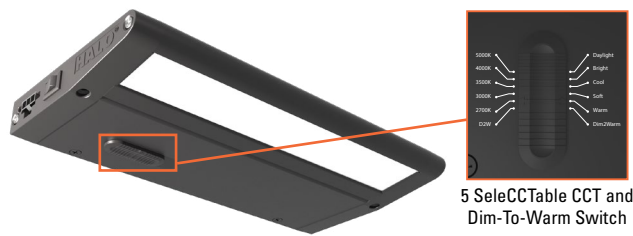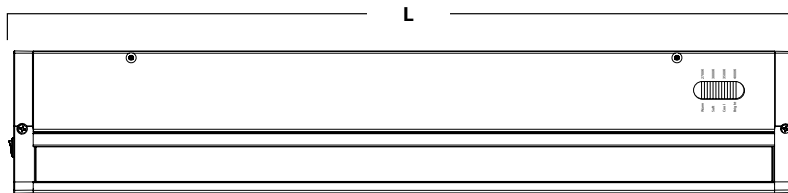
5 SeleCCTable CCT and
Dim-To-Warm Switch

Size Description	9 in. Nominal	18 in. Nominal	24 in. Nominal	36 in. Nominal	48 in. Nominal		HU30M Series
Length "L"	8.98"[228.1mm]	16.55"[420.4mm]	23.98"[609.1mm]	32.44"[824mm]	47.18"[1,198.4mm]	Power Factor**	>0.98
Wattage*	3.6	6.8	9.4	12.7	17.3	THD**	<20%
Lumens*	245	490	670	915	1275	Color Rendering Index (CRI)	>90
Efficacy - LPW*	68	72	71	72	74		
Nominal Lumens/ft	327	327	335	305	319		

* At factory setting of 3000K for white fixtures, check Photometric data for individual specifications

** At 120V only w/o Accessory

.81"
[20.69mm]

.42"
[10.63mm]
when installed

4.37"
[111.07mm]
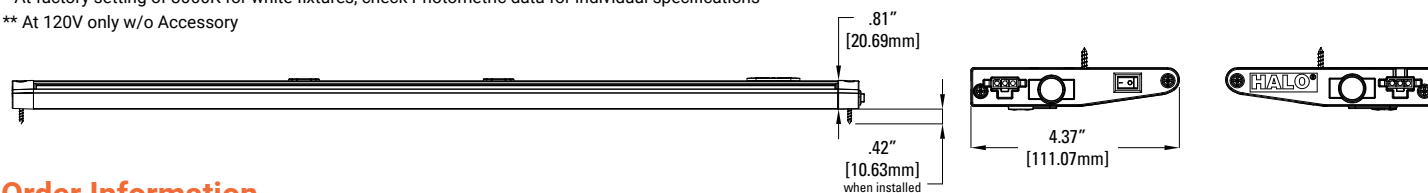
Order Information

Sample number: HU30MSCTD24P: 24" White, Dimmable HU30M fixture, with 5 Selectable CCT and Dim-To-Warm

| Family	Configuration[1]/ Color Temp	Length	Finish
Family	**Configuration[1]/ Color Temp**	**Length**	**Finish**
HU30M = Halo Modular Premium Under Cabinet	**SCTD=** SeleCCTable CCT with Dim2Warm	**09=** 9 inch [1] **18=** 18 inch [2] **24=** 24 inch **36=**36 inch **48=** 48 inch	**P=** White **MB=** Matte Black
	Notes Default factory setting= 3000K	**Notes** [1] Not field upgradable with PIR or USB. [2] Field upgradable with only one of the modular accessories (either PIR or USB, not both).	

	PIR Sensor	USB-A Module
9 Inch	No	No
18 Inch	PIR Sensor Or USB-A Module	
24 Inch	Yes	Yes
36 Inch	Yes	Yes
48 Inch	Yes	Yes

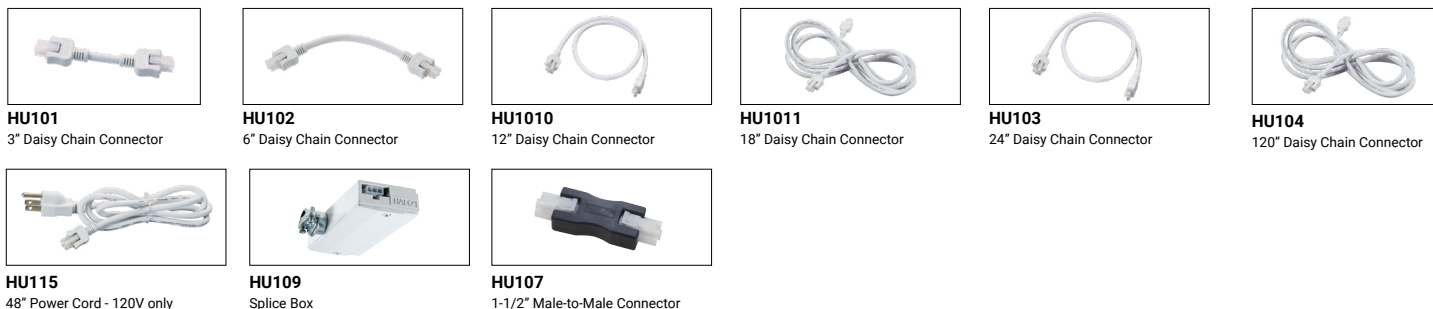| Modular Accessories(ordered separately)* |
|---|
| **HU30MUNVUP=** USB-A Module, White
HU30MUNVMSP= Motion Sensor Module, White
HU30MUNVUMB= USB-A module, Matte Black
HU30MUNVMSMB= Motion Sensor Module, Matte Black |

* Accessories are field-installable inside the fixture and will not change the overall fixture dimension. See installation instructions for details

HU30MUNVMSMB
Motion Sensor Module

HU30MUNVUMB
USB-A Module

HU30MUNVMSP
Motion Sensor Module

HU30MUNVUP
USB-A Module
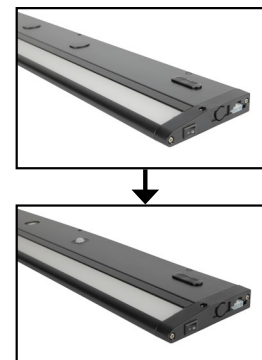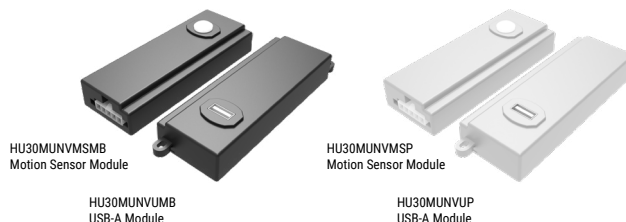
24" Fixture with USB-A port and
PIR module installed

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

HU115
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

COOPER
Lighting Solutions

D=Distance from wall

15" Mounting Height

Top Number Report - HU30MSCTD09P	
Second Number Report - HU30MSCTD18P	
Third Number Report - HU30MSCTD24P	
Fourth Number Report - HU30MSCTD36P	
Bottom Number Report - HU30MSCTD48P	

30in	24in	18in	12in	6in	0in	6in	12in	18in	24in	30in	D
1.7	3.3	7.0	14.6	27.0	35.4	28.2	15.6	7.9	3.7	1.9	6in
3.5	7.0	14.5	30.5	55.6	71.8	56.7	31.1	15.2	7.4	3.8	
4.6	9.0	18.7	39.1	71.6	92.6	73.1	40.3	19.5	9.4	4.8	
6.4	12.7	26.5	55.4	101.9	131.9	104.0	57.7	27.9	13.5	6.9	
9.1	17.9	37.2	77.6	140.8	179.3	140.9	77.7	37.6	18.3	9.3	
1.7	3.6	8.2	19.3	40.9	57.9	42.8	20.9	9.0	4.3	2.0	12in
3.6	7.6	27.1	40.2	84.5	117.4	85.7	41.5	17.9	8.1	4.0	
4.8	9.9	22.1	51.8	108.9	151.5	111.0	53.7	23.1	10.4	5.0	
6.5	13.6	30.6	71.3	149.2	207.7	153.3	74.1	32.2	14.5	7.0	
9.4	19.4	43.5	100.7	209.4	288.0	210.5	101.4	43.9	19.7	9.6	
1.6	3.3	7.4	17.5	37.3	52.0	38.3	18.7	8.1	3.7	1.8	18in
3.3	6.9	15.3	36.0	75.6	106.3	77.8	37.6	16.3	7.4	3.6	
4.3	9.0	20.1	47.1	99.0	137.0	101.1	48.6	21.0	9.5	4.6	
5.7	12.0	26.9	62.8	132.0	182.6	134.4	65.2	28.3	12.8	6.2	
8.4	17.4	39.1	90.3	186.2	256.1	186.8	90.1	39.1	17.6	8.6	
1.2	2.4	5.1	10.8	19.8	25.6	20.4	11.4	5.6	2.7	1.4	24in
2.6	5.1	10.7	22.3	40.9	52.6	42.0	23.4	11.5	5.6	2.9	
3.4	6.8	14.1	29.3	53.7	69.0	54.5	30.3	14.7	7.2	3.7	
4.4	8.6	18.0	37.7	69.0	88.3	70.4	39.2	18.9	9.2	4.8	
6.6	12.9	26.7	54.6	97.4	125.2	98.8	54.8	26.5	12.9	6.7	
0.8	1.6	2.9	5.2	8.0	9.7	8.3	5.5	3.2	1.8	1.0	30in
1.8	3.3	6.1	10.9	16.9	20.2	17.3	11.4	6.6	3.7	2.0	
2.4	4.4	8.1	14.5	22.4	26.7	22.7	15.0	8.5	4.7	2.6	
2.9	5.3	9.9	17.6	27.3	32.5	27.8	18.3	10.5	5.7	3.1	
4.5	8.1	14.9	25.8	39.2	46.4	39.4	26.2	15.0	8.2	4.5	

(Width across top; Length along right side)

18" Mounting Height

Top Number Report - HU30MSCTD09P	
Second Number Report - HU30MSCTD18P	
Third Number Report - HU30MSCTD24P	
Fourth Number Report - HU30MSCTD36P	
Bottom Number Report - HU30MSCTD48P	

30in	24in	18in	12in	6in	0in	6in	12in	18in	24in	30in	D
2.1	4	7.7	14.4	23.7	29.2	24.6	15.3	8.4	4.4	2.4	6in
4.5	8.4	16	30	48.5	59.4	49.4	30.8	16.5	8.8	4.8	
5.8	10.7	20.6	38.4	62.6	76.7	63.9	39.6	21.4	11.3	6.1	
8.1	15.1	29	54.1	88.1	107.8	89.9	56.1	30.3	16	8.7	
11.5	21.3	40.8	75.8	122.2	147.2	122.5	76.2	41	21.7	11.7	
2.2	4.3	8.8	17.8	31.7	40.8	33.2	19.1	9.6	4.8	2.5	12in
4.7	9	18.3	37	65.9	83	66.6	37.7	19.1	9.5	5	
6.1	11.7	23.7	47	84.4	107.2	86	49.1	24.6	12.3	6.4	
8.3	16.1	32.5	65.2	115.2	146.1	117.8	67.6	34.1	17	8.9	
11.9	23	46.3	92.4	162	203	162.4	92.7	46.6	23.2	12.1	
2	4	8	16.3	29	36.9	29.6	17.2	8.7	4.4	2.3	18in
4.3	8.2	16.6	33.6	59.2	74.9	60.4	34.7	17.5	8.8	4.6	
5.6	10.8	21.7	43.7	76.9	96.9	78.2	44.8	22.6	11.3	5.9	
7.4	14.4	29.1	58.3	102.5	129.4	104.2	60.3	30.4	15.2	7.9	
10.8	20.9	41.9	83.2	144.2	181	144.6	83.4	42	21	10.9	
1.6	3.1	5.9	10.9	17.6	21.4	18.1	11.4	6.2	3.4	1.8	24in
3.4	6.4	12.1	22.5	36.5	44.4	37	23.4	12.9	6.9	3.8	
4.5	8.4	15.9	29.5	47.5	57.6	48.3	30.3	16.5	8.8	4.8	
5.8	10.8	20.6	38.4	61.8	74.4	62.8	39.5	21.5	11.5	6.3	
8.7	16	30.1	54.9	87.1	105.1	87.9	55.2	29.9	16	8.7	
1.2	2	3.6	5.9	8.4	10	8.8	6.2	3.8	2.3	1.3	30in
2.5	4.3	7.5	12.3	17.8	20.6	18.2	12.9	8	4.7	2.8	
3.3	5.7	9.9	16.3	23.5	27	23.7	16.7	10.3	6	3.5	
4.1	7.1	12.3	20.3	29.3	33.7	29.7	21	13	7.5	4.4	
6.2	10.7	18.2	29.3	41.7	48.1	41.9	29.8	18.4	10.7	6.2	

Product Specifications

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
6 Position external selector which includes a 5 CCT SeleCCTable color temperature switch that allows users to choose between 2700K, 3000K, 3500K, 4000K and 5000K, and an additional Dim-To-Warm setting (D2W range- 2700K to 1800K at 120V), for the customer's lighting need.

PIR Motion Sensor Module
- Offered as a field installable modular accessory, the PIR technology based motion sensor allows for the fixture on/off to be managed based on movement detection. The HU30M PIR sensor works as an occupancy/vacancy sensor which activates the fixture when motion is detected and turns off the fixture when no motion is detected for 8 continuous minutes. See table on Page 1 for detection distances.

USB-A Module
- The USB-A port is offered as a field installable modular accessory. The USB output supplies 5V, 2A and is useful for charging many smart devices and accessories requiring a USB-A input.

Wiring Flexibility
User can power a fixture with multiple options: (See installation instructions for more details)
- Flexible conduit or romex can be used directly to either end of back of any size fixture to power the fixtures. Conduit connector and romex strain relief hardware are included with each fixture.
- Plug in cord (sold separately) can be utilized to link additional fixtures to the circuit. (120V only)

User can wire multiple fixtures with different options: (See installation instructions for more details)
- Wiring multiple fixtures can be done using flexible conduit or romex directly to either end of back of any size fixture. Conduit connector and romex strain relief hardware are included with each fixture.
- Plug in connectors (sold separately) can be utilized to link additional fixtures to the circuit.
- Link any combination of fixtures up to 440W total load using available wiring options.

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
- PIR Motion sensor, USB-A port and and optional splice box are accessories offered for the HU30M series. The 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.
- Universal Voltage electronic driver is controlled with an integral on/off switch.
- Designed for continuous dimming (ELV or TRIAC) down to 5% at 120V with compatible dimmers.

Compliance & Certifications
- UL Certified
- Can be used to meet IECC, ASHRAE commercial and residential standards
- FCC rated driver
- Can be used for State of California Title 24 high efficacy LED compliance under JA8
- Damp location listed
- Closet rated
- ENERGY STAR® certified

Factory Defaults
The fixtures will be set to the following default where applicable:
- CCT: 3000K

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

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

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