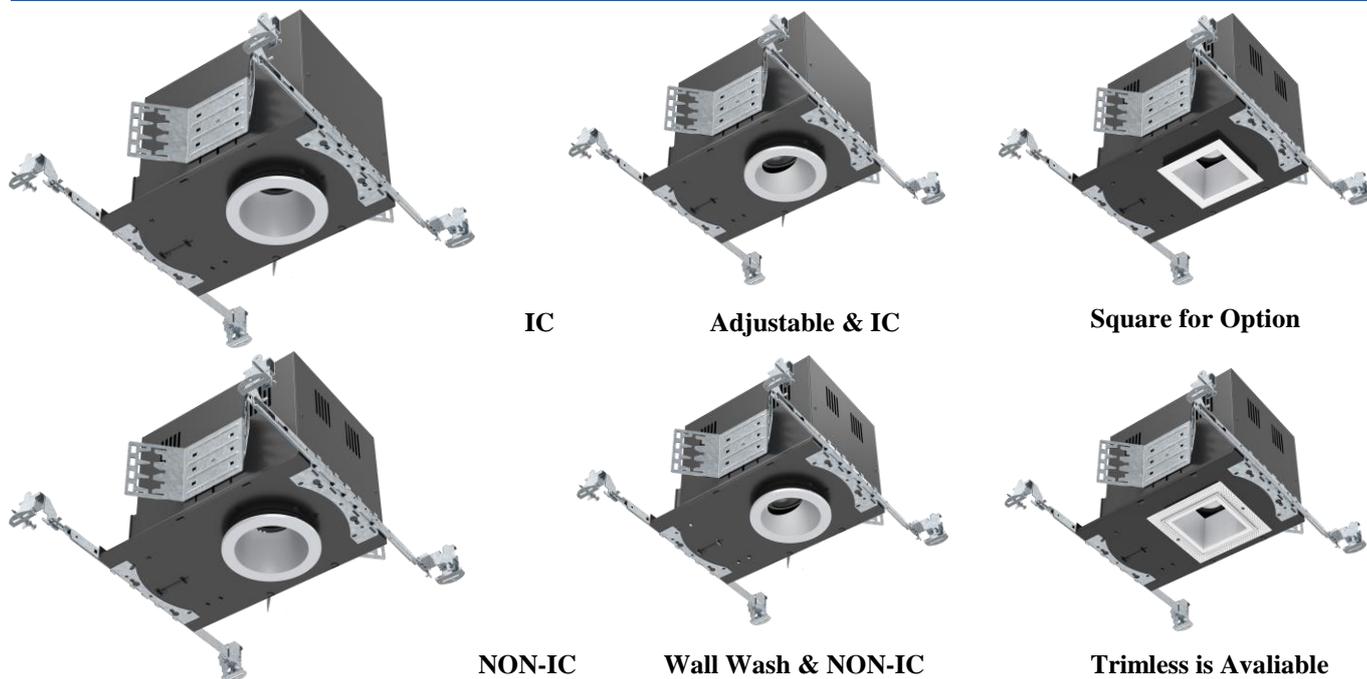


# A35-M-1 Small Aperture COB LED Recessed Downlight Kits

Catalog #		Prepared by	LiteHarbor
Project		Date	
Notes			



## 3.5 Inch Residential & Commercial COB Recessed Downlight Kits

Order Matrix | Example: A35-M-1-S-W-IC-TL

A B C D E F G H I J

Item No.:A35-M-1

### Description

3.5 inch LED recessed fixtures with round or square apertures offer energy-efficient, precision lighting for accent, task, or wall wash applications.

This type LED luminaire approximates the performance of 50W halogen, but at only 12-watts input, consumes just one-fourth the energy.

A feature enriched, small aperture downlight, the innovative design allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim.

### Features

Separable rotating reflector design makes it easy for replacement.

Provide unique high-low lamp positioning with the simple twist of a screwdriver.

Power supply using isolation scheme, driver can achieve high power factor and conversion efficiency, constant current output.

A	Series
A35-M-1	3.5" Downlight

B	Aperture Opening
	Round
S	Square

C	Functions
	Vertical Downlight
A	Adjustable Downlight
W	Wall Wash Downlight



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Specifications subject to change w/o notice  
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RECESSED DOWNLIGHT

Universal 120V-277V driver with optional 0-10V standard dimming protocol.

### Housing

Heavy duty black powder coated cold roll steel frame.  
 Design for New Construction installation.  
 Housing can be installed in 1/2" to 1-3/8" thick ceilings.  
 Housing types include IC Air-Tight or Non-IC Rated (must specify).  
 Junction box and driver are located on opposite ends of the housing, with easy access for maintenance and installation.  
 Optional round or square aperture shape.  
 Trimless design is available.

### LED Light Engine

Optional branded COB LED chips  
 Input AC 120V 230V 277V ( 90-305V is optional.)  
 12W 15W 20W  
 1000 1300 1600 Lumens  
 2700K, 3000K, 3500K, 4000K and 5000K at 80+ CRI  
 2700K, 3000K, 3500K, 4000K and 5000K at 90+ CRI  
 PF > 0.98  
 Dimmable options: NONE, TRIAC or RD 0-10V  
 LED mounted to die-cast / extruded aluminum heat sink w/ active cooling  
 50,000 hours average rated life at 70% output

### Optics

12° Spot, 24° Narrow Flood and 36° Flood

### Applications

Widely used for commercial and residential applications.

### Listing / Warranty

ETL listed to US and Canadian standards for damp location  
 W/Feed through.  
 5 Year Limited Warranty.

D	IC Rated Type
	NON-IC
IC	IC
E	Trim
	Trimmed
TL	Trimless
F	Install
	General Bar Hanger
C	C-channel Bar Hanger
G	Finish
WH	White
BK	Black
SN	Satin Nickel
H	Input Voltage
	120V
230	230V
277	277V
U	120-277V
I	Wattage
L12	LED 12W
L15	LED 15W
L20	LED 20W
J	Lumen Output
1000	1000 Lumen
1300	1300 Lumen
1600	1600 Lumen
K	Color Temperature
27K	2700K
30K	3000K
35K	3500K
40K	4000K
50K	5000K



RECESSED DOWNLIGHT



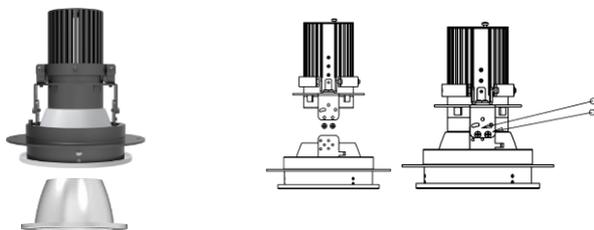
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### Vertical Downlight

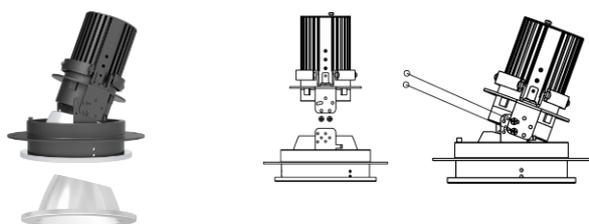
With precision optics and adjustments, luminaires put exactly the right amount of light in precisely the right places.  
Round type can achieve 3 beam angles without replacing any parts.  
Allow for 358 degree rotation.  
Vertical downlight used with vertical reflector matched.



Screw Setting Place

### Adjustable Downlight

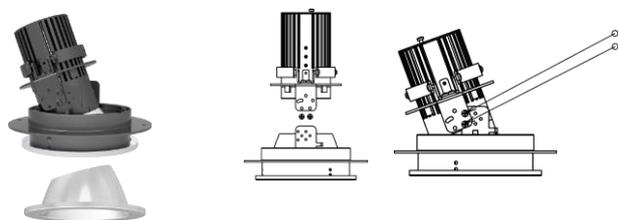
Additional adjustability allows for locking including 0°-30° tilt and 358° rotation while always maintaining center beam candle power.  
Adjustable downlight used with adjustable reflector matched.



Screw Setting Place

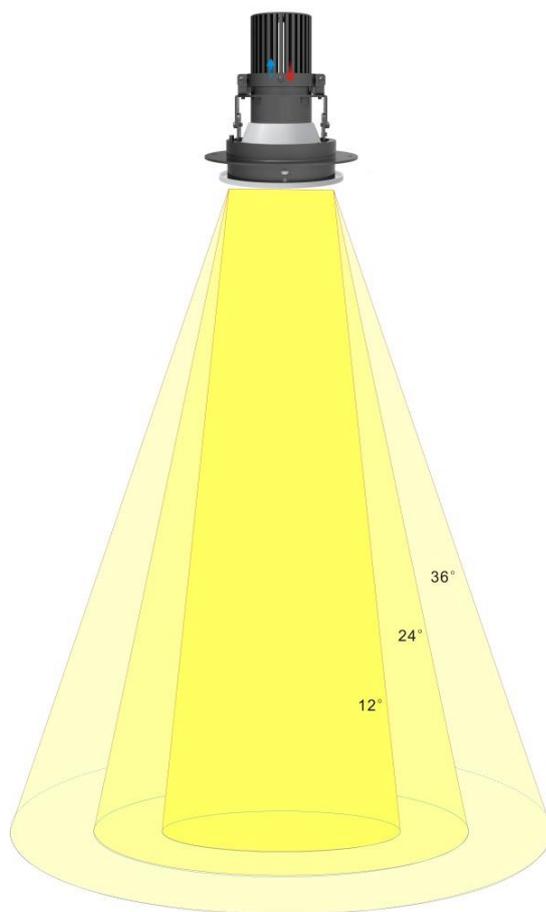
### Wall Wash Downlight

High performance wall wash with asymmetric distribution provides uniform illumination.  
Allow for 358 degree rotation.  
Wall wash downlight used with wall washing reflector matched.



Screw Setting Place

### Downlight Beam Angles



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## INSTALLATION

Housing types include IC Air-Tight, CCEA (Chicago Plenum), or Non-IC Rated (must specify).

Non-IC rated housings must be kept at a minimum of 3" away from insulation.

Butterfly brackets and adjustable hanger bars (14"-25") with integral nail included.

Butterfly brackets are compatible with C-channel, flat bar hanger and EMT.

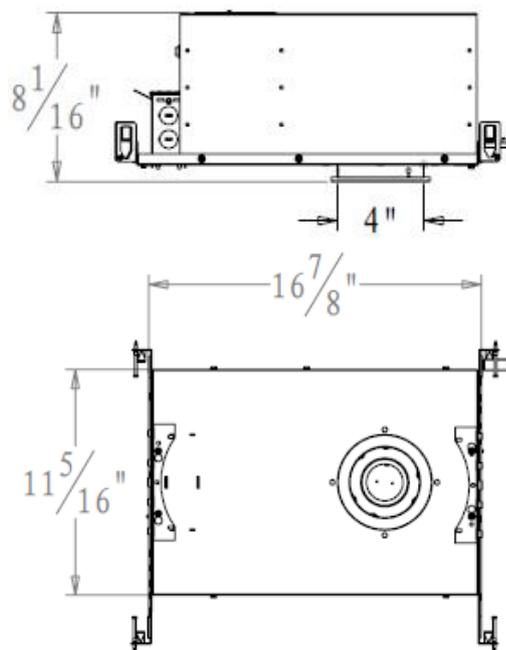
C-channel is recommended for T-bar ceilings.

C-Channel and flat C-Channel and flat bar hangers must be ordered separately.

## PACKAGE

CTN Size: 490\*390\*223mm

1 PCS/CTN



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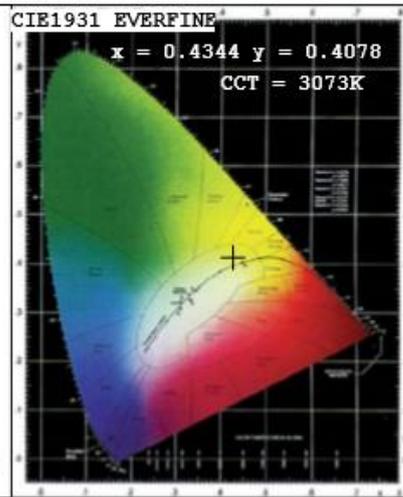
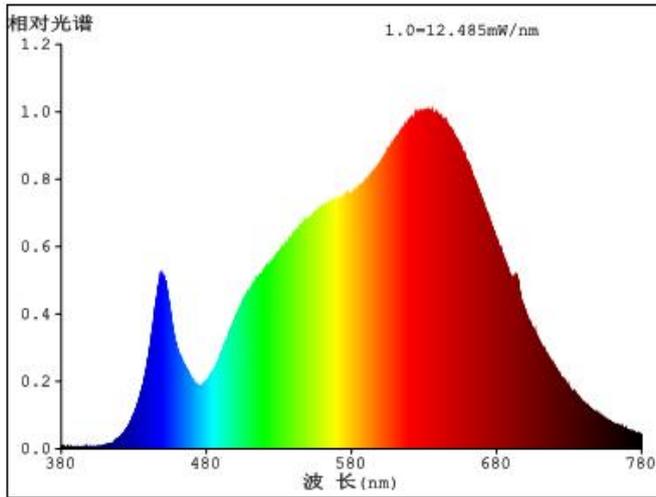
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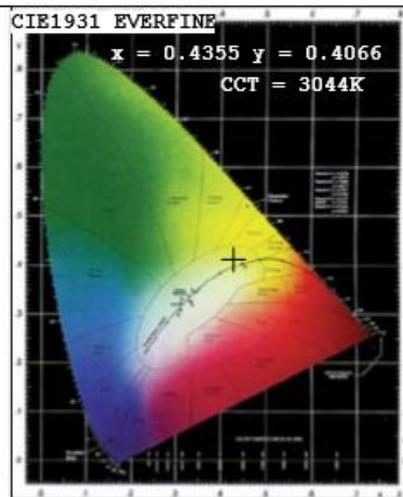
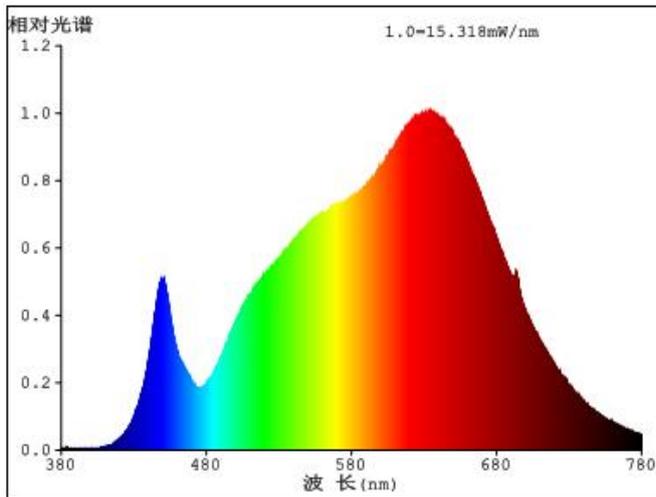
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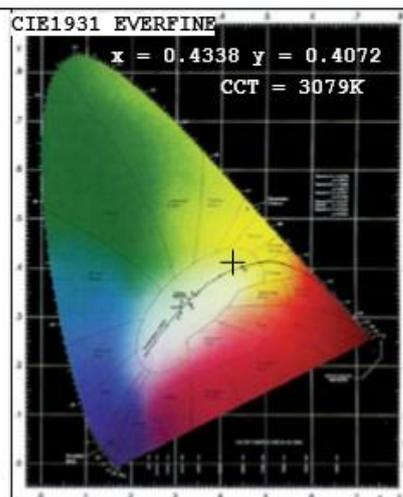
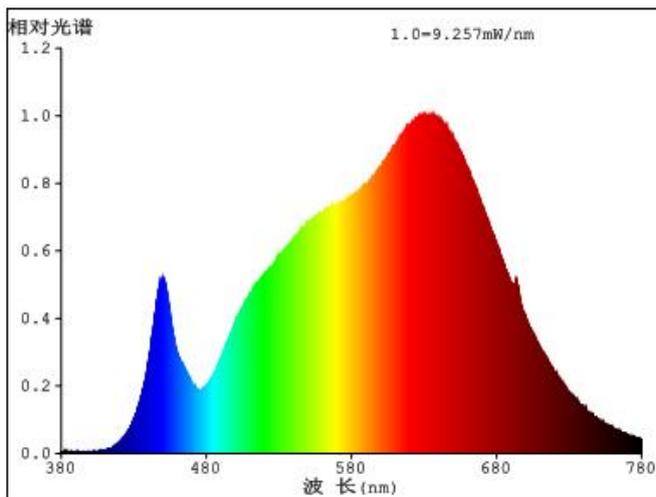
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Lamp &  
Reflector



Light  
Source



Whole  
Lamp



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