



DEEP ROOF LIGHTING

Zoomable module 24-60° +Reflector

ZM SERIES COMMERCIAL DOWNLIGHT LMDR-Z 3P5C



- » Aluminum die-casting heatsink module, M30 module 18W/24W/30W, M50 module 30W/40W/50W;
- » Match round reflector 4/6/8/10in and square reflector 4/6/8in;
- » 100-277V/120-347V AC Voltage @50/60Hz;
- » 0-10V and triac dimming, 5-100% smooth dimming;
- » Light source: COB light source, Bridgelux chip;
- » 1800-4550lm, CRI90, 24/60° beam angle;
- » Fresnel optical lens, 30° cut-off angle optical design, UGR<19;
- » IC-rated for 1,800 or 2,700lm, non-IC for others;
- » Suitable for wet locations;
- » ETL/FCC/RoHS/JA8/ENERGY STAR listed.



Matte Silver
Matt White flange



Bright Silver



Bright Silver
Matt White flange



Matt Silver

R(4/6/8/10)Q-(AA/W/B/AW/C)



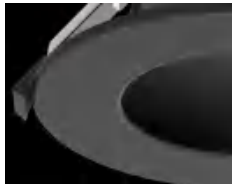
Bright Silver



ALL Matte Silver



Matt White



Matt Black



Matte Silver
Matt white flange



Bright Silver
Matt white flange

Reflector
TRIM
R4R-CC
R6R-CC
R8R-CC
R10R-CC

MNEMONIC-

R4R-AA
R6R-AA
R8R-AA
R10R-AA

ALZAC-A

R4R-WW
R6R-WW
R8R-WW
R10R-WW

WHITE

R4R-BB
R6R-BB
R8R-BB
R10R-BB

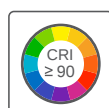
BLACK

R4R-AW
R6R-AW
R8R-AW
R10R-AW

ALZAC-W

R4R-CW
R6R-CW
R8R-CW
R10R-CW

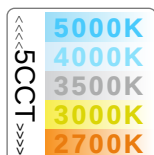
CHROME-W



FEATURES & SPECIFICATIONS

5CCT Selectable -

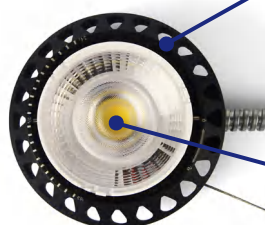
Tunable switch to adjust CCT output



ZM30, ZM50- 30W, 50W

3Dual Beam Angle -

Twist lens to change beam angle output



COB -

Bridgelux brand Chip

3 Wattage Selectable -

Tunable switch to adjust Power output

ZM30D, ZM50D Dual Dimming Un. Voltage, 0-10V and triac Dim

-100-277V/120-347V AC input,
5-100% smooth dimming

Housing Less & Easy Installation -

Spring-action housing clips

Quick Connector -

Quick insert

Bright Silver
Matte Silver
Matt White
Matt Black

Matte Silver Matt white flange
Bright Silver Matt white flange

Air- Tight -

Meet Air-tight

ZM30 ZM30D module matching 4/6/8/10 in reflector
ZM50 ZM50D module matching 6/8/10 in reflector



Twist-On for
Easy Installation



24°-60° for M110
36°-65° for M140
Adjustable
Beam Angle



locken Counter-clockwise
Loosen clockwise



APPLICATIONS:

- General Recessed Lighting
- Residential & Multifamily
- Office, Hallways and Meeting Rooms
- Education, Healthcare, Retail, Hospitality
- Commercial Lighting

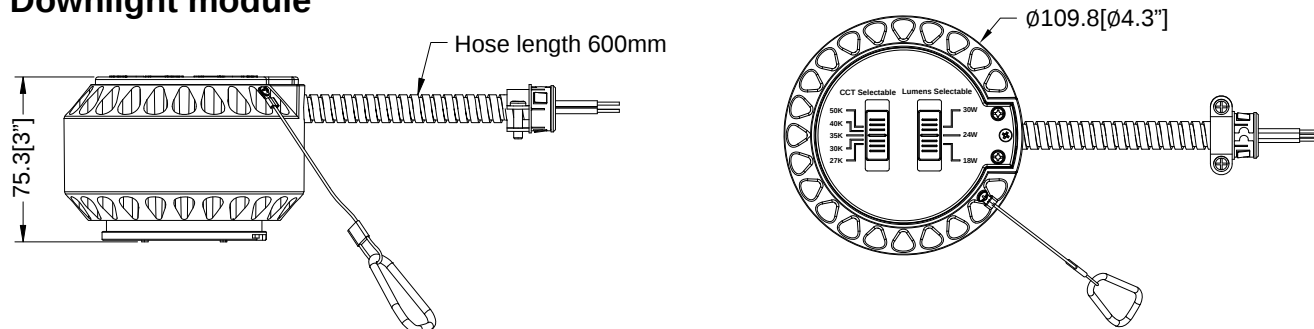


SPECIFICATIONS

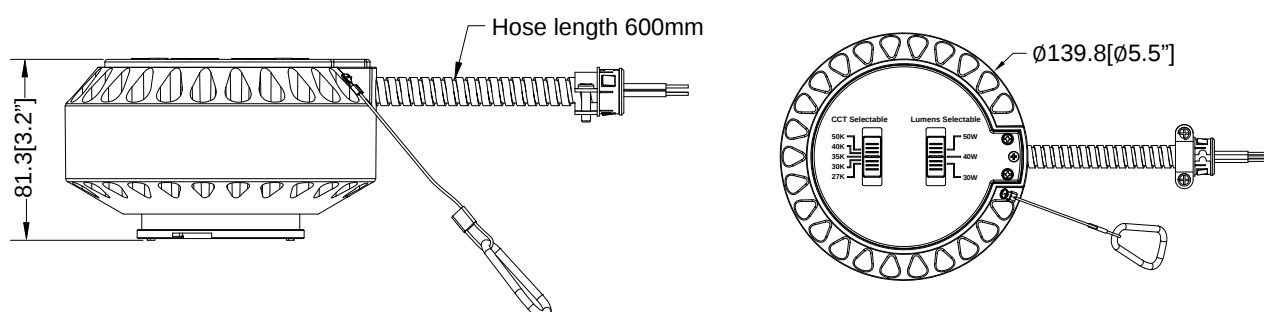
Category	ZM30 ZM30D Module	ZM50 ZM50D Module
Module model	LMDR-ZM30(D)-	LMDR-ZM50(D)-
Dimension	D4.3*H3.0"	D5.51*H3.2"
Wattage	18W/24W/30W	30W/40W/50W
Lumens (CRI90)	1800lm/2400lm/2700lm	3000lm/4000lm/4550lm
Input Voltage	120-277V 50/60Hz	
Dimming&Range	0-10V and Traic Dim,5-100%	0-10V,Dim,1-100%
Power Factor (PF)	>0.95	
THD	<20%	
Surge Protection	2.5KV Ringwave	
CCT	5CCT, 2700/3000/3500/4000/5000K	
Beam Angle / UGR	24-40D / UGR<19, Even UGR <16 for 24D	
efficacy	70-100lm/w@CRI90, 80-110lm/w @ CRI80	
Materials	Die-casting aluminum heatsink,PC plastic lens & lens cover	
Finish	Matt Black	
Reflectors Suitable for	4/6/8/10inch reflector	6/8/10inch reflector
Reflector finish	Bright Silver/Matte Silver/white/Black/Matte Silver & Matte white flange/Bright Silver & Matte white flange	
Application Location	Wet location for indoor recessed downlight	
IC or Non-IC	IC Rated for 20W	Non-IC Rated
Operating Temperature	-25°C to 40°C	
Lifetime	>50,000Hrs L70(TM21)	
Warranty	5 years limited warranty	
Accessories	New construction plat, J-BOX or Emergency LED Driver	

DIMENSIONS

Downlight module

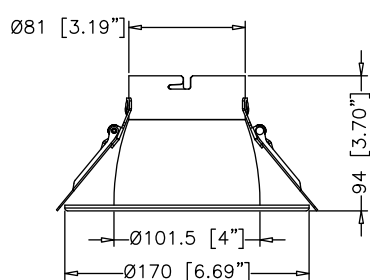


ZM30 ZM30D heat sink with 4", 6", 8", 10" reflector cover

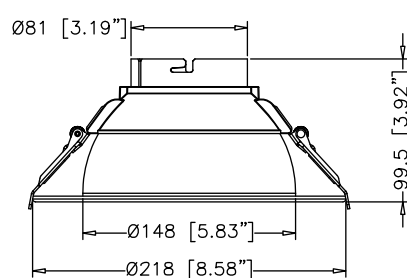


ZM50 ZM50D heat sink with 6", 8", 10" reflector cover

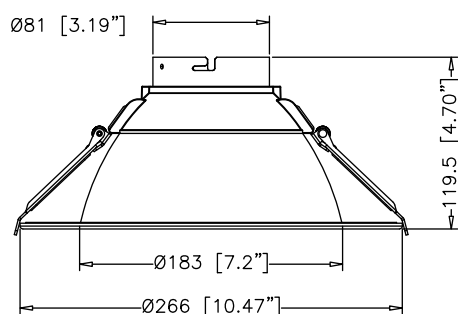
DOWNLIGHT TRIMS



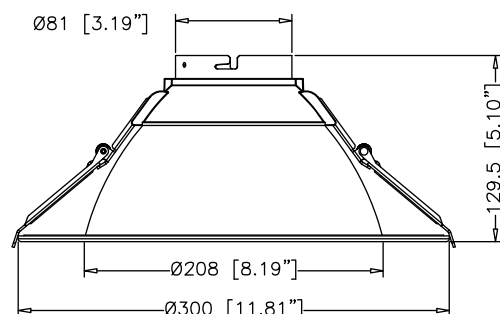
4"



6"

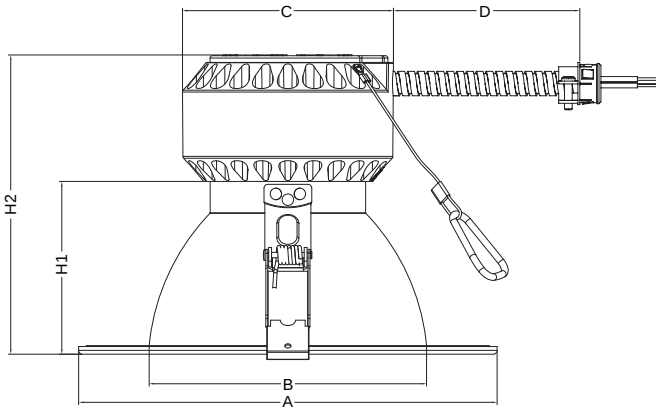


8"

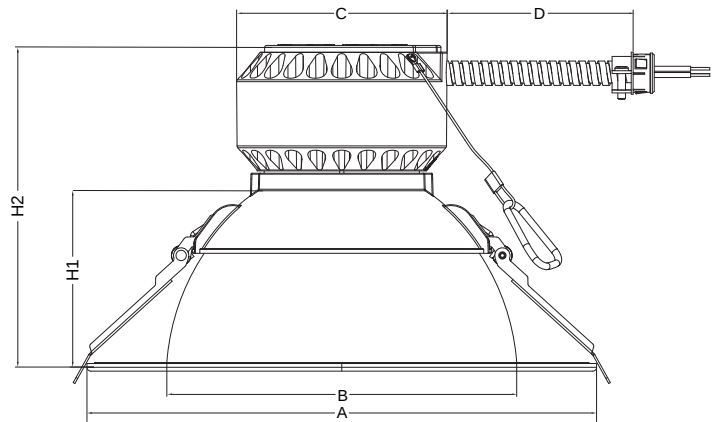


10"

30W/4 inch



30W/50W 6/8/10inch



Productor No	ZM30(D) Module (Smaller one)				ZM50(D) Module (Bigger one)		
Reflector	4in	6in	8in	10in	6in	8in	10in
A (Trim Dim)	6.69"/170mm	8.58"/218mm	10.47"/266mm	11.81"/300mm	8.58"/218mm	10.47"/266mm	11.81"/300mm
B (Aperture Dim)	4"/101.5mm	5.83"/148.0mm	7.2"/183mm	8.19"/208.0mm	5.83"/148.0mm	7.2"/183mm	8.19"/208.0mm
C (Module Dim)	4.32"/110mm				5.51"/140mm		
D (Flexible Conduit/Whip)	23.62"/600mm						
H1 (Regress Height)	3.15"/80mm	3.37"/85.5mm	4.15"/105.5mm	4.55"/115.5mm	3.37"/85.5mm	4.15"/105.5mm	4.55"/115.5mm
H2 (Height Assembled)	5.74"/146mm	5.94"/151mm	6.73"/171mm	7.13"/181mm	6.1"/155mm	6.89"/180mm	7.28"/185mm
Cut-out(p)	4.72"/120mm	7.01"/178mm	7.87"/200mm	8.98"/228mm	7.01"/178mm	7.87"/200mm	8.98"/228mm

ACCESSORIES

LMDR-Z-PT

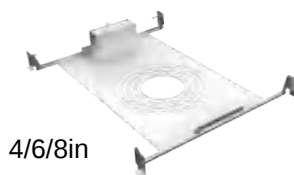
PT-01-001



4/6/8in New
Construction Pan

LMDR-Z-PK

PK-01-001



4/6/8in
New Construction Pan Kits
(Note: Separately sales available)

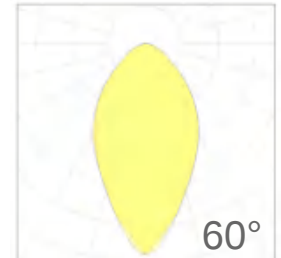
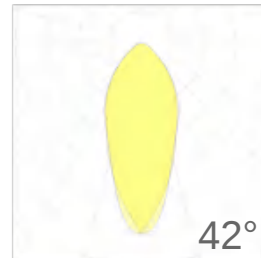
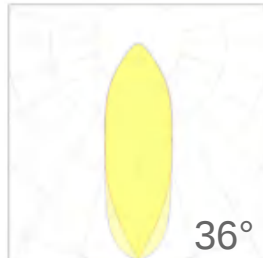
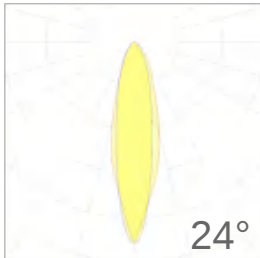
LMDP-HPH8

EM-8W-90min



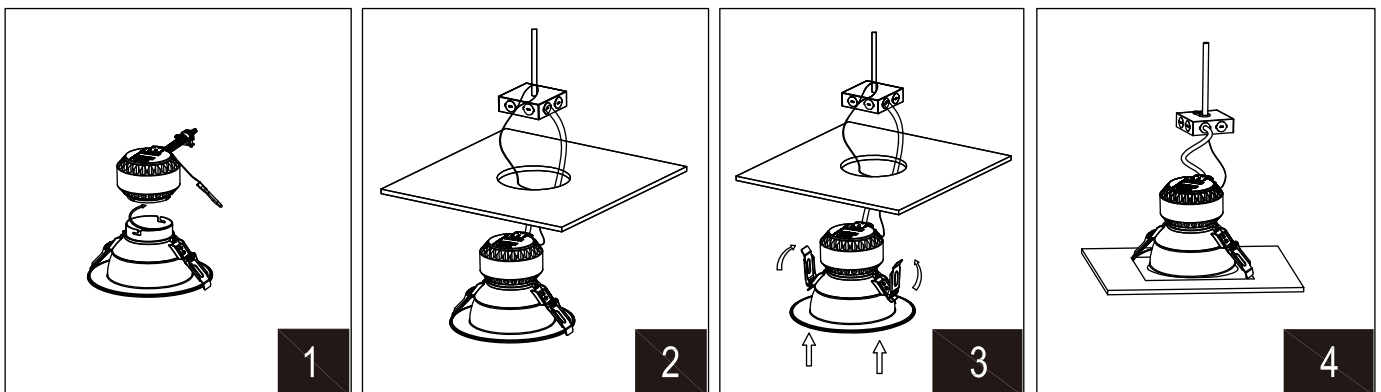
8/15/25W EMBB Available,
UL listed, field installed

PHOTOMETRIC DISTRIBUTIONSHOWING INTENSITY (Candelas):



INSTALLATION DIAGRAM

Suitable for retrofit and new construction installation. **(NO NEED HOUSING)**



PACKAGING INFORMATION

Integral Product model	Inner Box/Size	Qty/Unit	N.W/Unit	Caton/Size	Qty/Carton	G.W/Carton
LMDR-ZM30-R4R-	195*195*170mm	1PCS	1.249 kg	605*410*360mm	12PCS	17.99 kg
LMDR-ZM30-R6R-	238*238*185mm	1PCS	1.337 kg	495*495*390mm	8PCS	13.71 kg
LMDR-ZM30-R8R	286*286*200mm	1PCS	1.427 kg	590*590*420mm	8PCS	15.41 kg
LMDR-ZM30-R10R-	320*320*215mm	1PCS	1.495 kg	660*660*450mm	8PCS	16.75 kg
LMDR-ZM50-R6R-	238*238*190mm	1PCS	1.981 kg	495*495*400mm	8PCS	18.90 kg
LMDR-ZM50-R8R-	286*286*205mm	1PCS	2.071 kg	590*590*430mm	8PCS	20.63 kg
LMDR-ZM50-R10R-	320*320*215mm	1PCS	2.139 kg	660*660*450mm	8PCS	21.90 kg

use ZM30D and ZM50D for dual dimming module

"Append W, B, AA, AW and C for reflector trims

Separate Product Model	N.W/Unit	Caton/Size	Qty/Carton	G.W/Carton
ZM30 ZM30D	1.125 kg	434*434*240mm	12PCS	14.9 Kg
ZM50 ZM50D	1.592 kg	523*464*130mm	6PCS	10.7 Kg
R4R-XX	0.184 kg	409*394*238mm	10PCS	2.7 Kg
R6R-XX	0.373 kg	538*390*290mm	10PCS	4.8 Kg
R8R-XX	0.455 kg	534*316*320mm	7PCS	4.3 Kg
R10R-XX	0.549 kg	484*353*355mm	6PCS	4.4 Kg

Notice



- Please read the product specification carefully first to confirm that the use environment is in line with the condition on the specification before it is used.
- Please confirm the applicable power supply before use.
- When the product is connected with power supply, ensure that the switch is at the disconnected state to prevent electric shock.
- Operation against the rules may destroy your articles, or even endanger your personal safety.
- Make preliminary calculation for the quantity of light and then calculate the total power according to frequency of single light. Design the power distribution scheme.
- Dangerous high voltage. Non professional personnel should not repair.
- If the external wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.
- Common sense for handling: avoid impact or press the product with heavy objects. Handle with care during the transportation and installation process.