



Black Trim



White Trim



Deep Source Frame

## DIAMO MD

### Deep Source Downlight

- Miniaturized LED light module for precise, diverse accent lighting and vertical lighting
- Mounted in DIAMO Deep Source installation frame/ring
- The frame / ring enables fixed assembly of the light module offset in depth to improve the visual comfort

IBEW UNION MADE

MAX LUMENS @ 90 CRI / 4K

WATTS / IC RATING

840 lm

11W-IL

1400 lm

18W-IH



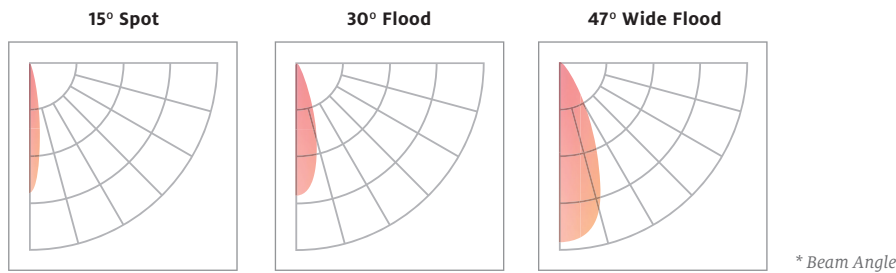
### Order Code

DIAMOMD	DS	1	4	T	6	7	8	C	10	11	W	13
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1	FIXTURE	<b>DIAMOMD</b> DIAMO MD
2	TRIM TYPE	<b>DS</b> Deep Source
3	NUMBER OF HEADS	<b>1</b> One
4	TRIM SHAPE	<b>R</b> Round   <b>S</b> Square
5	TRIM FLANGE	<b>T</b> Trimmed
6	FRAME / TRIM COLOR	<b>W</b> White   <b>B</b> Black
7	DISTRIBUTION	<b>FL</b> Flood (30°)   <b>SP</b> Spot (15°)   <b>WF</b> Wide Flood (47°)
8	OUTPUT <sup>1</sup>	<b>IL</b> IC Rated Low Output   <b>IH</b> IC Rated High Output
9	SWITCHING	<b>C</b> Single Switched
10	CRI / CCT	<b>930</b> 90CRI 3000 K   <b>935</b> 90CRI 3500 K   <b>940</b> 90CRI 4000 K
11	DRIVER	<b>U</b> 0-10 V   <b>D</b> DALI   <b>H</b> Lutron   <b>W</b> Wireless 0-10V   <b>C</b> 347 V
12	HEAD COLOR	<b>W</b> White
13	OPTIONS	<b>B</b> Battery EM   <b>P</b> Chicago Plenum   <b>E</b> Chicago Plenum with EM

<sup>1</sup> Complete lumen chart on page 2.

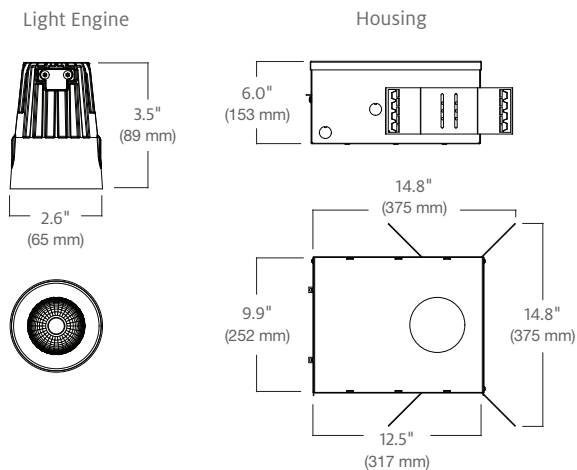
Light Distribution\*



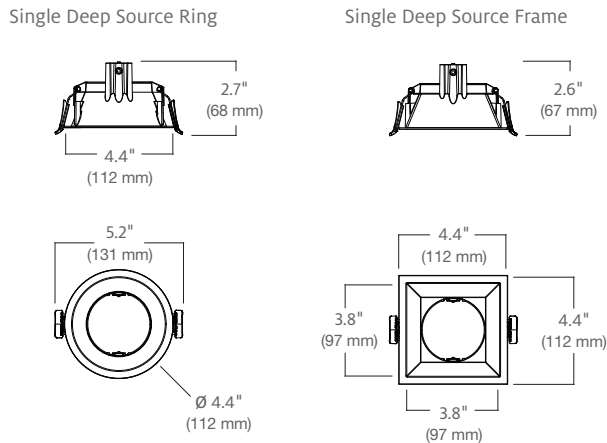
Lumen Ranges

	930				935				940			
	IH		IL		IH		IL		IH		IL	
	Lumens	Wattage	Lumens	Wattage	Lumens	Wattage	Lumens	Wattage	Lumens	Wattage	Lumens	Wattage
SP	650 lm	12 W	390 lm	7 W	700 lm	12 W	420 lm	7 W	700 lm	12 W	420 lm	7 W
FL	1100 lm	16 W	660 lm	10 W	1200 lm	16 W	720 lm	10 W	1200 lm	16 W	720 lm	10 W
VFL	1300 lm	18 W	780 lm	11 W	1400 lm	18 W	840 lm	11 W	1400 lm	18 W	840 lm	11 W

Dimensions



Frame Dimensions



Technical Detail

**1) Housing:** The enclosed housing is made of 20-gauge galvanized steel with an opening on the bottom so the mounting frame can pass through and snap into position by spring clips or clamps.

**2) Driver Module:** For no EM option, thru-wire wiring compartment is located inside the housing, which is made of 20-gauge galvanized steel, with 7/8" knockouts. Driver can be serviced from below ceiling through the ceiling and housing cutout. For EM option, remoted thru-wire box, made of 20-gauge galvanized steel will be provided.

**3) Wattage & CCT:** Unit is available in 12 W, 15 W, 16 W, and 18 W for high output or 7 W, 9 W, 10 W and 11 W for low output. Colors available in 90+ CRI with MacAdam 3-step 3000 K, 3500 K and 4000 K.

**4) Dimming:** The unit is available with standard 0-10 V dimming driver (1%), Lutron Hi-Lume

EcoSystem dimming driver (1%) or DALI dimming driver (0.1%). For non-dimming installations, the standard 0-10V dimming driver will be provided, and the dimming control wires can be capped off at installation. Wireless dimming is available through Casambi controlled by 4remote BT or Casambi app .

347V 0-10 V, Lutron and Wireless are not available in remoted driver option. Please consult factory for other options.

**5) Reflector:** The reflector, made of aluminum, has beam distributions of Spot, Flood, Wide Flood and Wall Wash. Reflector finish is in white. Please consult factory for other finish options.

**6) Mounting frames:** Mounting frames are made of aluminum casting (deep source) or polycarbonate (gimbal). Deep

source frame has two spring clips and gimbal frame has four plastic clamps to mount on housing.

**7) Mounting:** A pair of rigid mounting brackets is provided with each luminaire housing, which provides 3" vertical adjustment on the enclosed housing so its bottom will sit flush on top of ceiling.

**8) Standby Battery Pack:** An optional remoted EM is available in 6 W. EM test switch can either be mounted on remote thru-wire box or nearby location.

**9) Life:** 50,000 hours rated life. L90.

**10) Weight:** (refer to Diamo MD installation sheet, single head only).