

# DM300 HIGH EFFICACY RETROFIT

Easy Replacement for 95% of Traditional Fixtures



DM300

## RECOMMENDED APPLICATION

- Parking Lot
- Floods
- Street Lights
- Wall Packs
- Canopies
- High/Low Bays

## PRODUCT CERTIFICATIONS

- ETL (UL-1598-C)
- DLC QPL Product

## PROTECTION AGAINST

- Short Circuit
- Over-current
- Over-voltage
- Over-temperature with auto-recovery

The unique design of the patent pending FlexMount™ System gives the High Efficacy Retrofit series the ability to easily retrofit a majority of fixtures whether it is a vertical or horizontal installation.



DM300 Back-Side



DM300 Dual Drivers



DM300 Back - Horizontal



DM300 Vertical FlexMount to Mogul

## Product Specs

Input Amp Rating	120V - 1.255A 277V - 0.572A
AC Input Wattage	300W
# of LEDs	576
Lumens	45,600
Efficacy (Lumens/Watt)	157
CRI	80+
Voltage	120-277V

Dimensions (LxWxH)	Dual Drivers: 9.0"x2.7"x1.5" x 2
	Dual Heads: 6.0"x10"x3" Plate : 13.5"x19.5" Plate extends from 19.75" to 26.5"

Weight	Dual Heads (cable): 4.8 lbs
	Total Shipping (cable): 8 lbs Dual Heads (plate): 7.6 lbs Total Shipping (plate): 10 lbs

## Performance Specs

LED L70 Life Hours	>50,000 @ 55°C
Beam Angle	115°
Operating Temp	-40° to +50°C
Color Temp	5000K / 4000K / 3000K* (*Special order)

## Additional Features

SUNON® Maglev Fan Technology	70,000+ hours operating life sustainable 24/7 operation
Mounting	Patent pending FlexMount™ mounting system or universal plates, to fit most/any HID fixture.



**DLC ID: PHOV4RD6**  
Very High Output Retrofit Kit  
Retrofit Kits for Large Outdoor Pole/  
Arm-Mounted Area and Roadway Luminaires



**REPLACES  
100W HID**

HiLumzUSA.com | sales@HiLumzUSA.com | O: 678.867.9200 | F: 404.537.1900

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## HILUMZ DIAMONZ 5 YEAR WARRANTY

5-year warranty on components, including the LEDs, fan, heat sink, etc. and same warranty on the LED Driver. See full warranty on website [HiLumzUSA.com](http://HiLumzUSA.com)

## 30-DAY MONEY BACK SATISFACTION GUARANTEE

Limit of 2 Retrofit Kits per customer trial. Includes shipping costs.

## ORDERING INFORMATION

Build your SKU code by selecting the options in each column below. Use the number in bold as the numbers/characters to create the appropriate SKU code. See the following example.

## ORDER SHEET

Order Example: HiLumz® Diamonz® DM300 - 5000K Temp - 80CRI - 277V - 120W Driver - Horizontal Mount

PRODUCT	CCT & CRI	DRIVER	MOUNTING
DM300	5080	1N	H
DM300 = DM300	5080 = 5000K & 80CRI 4080 = 4000K & 80CRI 3080* = 3000K & 80CRI (*Special order)	1N = 100-277V, 120W Driver 1D = 100-277V, 120W Dimmable Driver (0-10V) 347-480V Requires Step Down Transformer	H = Horizontal Mount V = Vertical Mount FR = FlexTrim Plate Round FS = FlexTrim Plate Square

## OTHER OPTIONS

### SURGE PROTECTION

SP277
SP277 = Surge Protector - 20kA, 100-277V SP347 = Surge Protector - 20kA, 347V SP480 = Surge Protector - 20kA, 480V

### PHOTO CELL SENSOR

PC120R
PC120 = Button Photo Cell 120V PC277 = Button Photo Cell 208-277V PC120R = Swivel Photo Cell 120V