

# PRODUCT DATASHEET

## HIDr Dual Selectable 3CCT S80 HUV MOG

HID REPLACEMENT DUAL SELECTABLE OMNIDIRECTIONAL LAMPS | LEDVANCE LED HID Replacement Lamps with dual selectable CCT and wattage



PERFOR-  
MANCE  
CLASS

### Areas of application

- Industrial lighting
- High and Low Bay
- Retail
- Factories and workshops
- Warehouses

### Product features

- Active cooling allows for the reduction in size of the lamp of up to 30 %
- Lumen and CCT selectable light enabled through onboard switches
- Rated for open and enclosed fixtures with an IP64 listing and polycarbonate lens
- 285° beam angle (or omnidirectional) with Type V distribution
- Up to 157 LPW
- Selectable CCT: 3000/4000/5000K
- 80 CRI, R9>0
- Energy savings up to 83 %
- 4KV surge
- Easy to install, UL type B requires easy ballast bypass

## TECHNICAL DATA

### Additional product data

|                              |                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Base type                    | EX39                                                                                                                               |
| Mercury content              | 0.0 mg                                                                                                                             |
| Ordering Abbreviation        | HIDr1AS080HUV8SC2MOG                                                                                                               |
| Abbrev. With Packaging Info. | HIDr1AS080HUV8SC2MOG 4/CS 1/SKU                                                                                                    |
| SKU UPC                      | 0046135420061                                                                                                                      |
| NAED                         | 42006                                                                                                                              |
| Family Brand Name            | PERFORMANCE CLASS™                                                                                                                 |
| General Description          | Performance class HID replacement, mogul with 277-480V.<br>80/60/40W selectable, 3000/4000/5000K selectable. 4kV surge suppression |

### Electrical data

|                             |                     |
|-----------------------------|---------------------|
| Nominal Wattage             | 40.00/60.00/80.00 W |
| Nominal voltage             | 277.00...480.00 V   |
| Claimed Equivalent Lamp Pwr | 250 W               |

### Photometrical data

|                             |                    |
|-----------------------------|--------------------|
| Lumens                      | 12400/9300/6200 lm |
| Efficacy                    | 155                |
| Color Temperature/CCT       | 3000/4000/5000 K   |
| Color Rendering Index (CRI) | 80                 |
| Light color                 | 830                |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Overall length | 198.00 mm |
| Diameter       | 3.7 in    |
| Product weight | 1.32 lb   |

### Materials & Colors

|             |         |
|-------------|---------|
| Lamp Finish | Frosted |
| Bulb shape  | SPECIAL |

### Application & Mounting

|         |     |
|---------|-----|
| Dimming | Yes |
|---------|-----|

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -40...+45 °C |
|---------------------------|--------------|

### Lifespan

|                         |       |
|-------------------------|-------|
| Average Rated Life (hr) | 50000 |
|-------------------------|-------|

### Capabilities

|         |     |
|---------|-----|
| Dimming | Yes |
|---------|-----|

### Certificates & Standards

|                       |                    |
|-----------------------|--------------------|
| Certification Listing | RoHS / FCC / cULus |
|-----------------------|--------------------|

### Logistical data

|                   |               |
|-------------------|---------------|
| SKU Qty           | 1             |
| Case Qty          | 4             |
| Case Length (in)  | 8.661         |
| Case Width (in)   | 8.661         |
| Case Depth (in)   | 10.039        |
| Case Cube (ft)    | 0.436         |
| Case Weight (lbs) | 6.457         |
| SKU UPC           | 0046135420061 |
| Pallet Qty        | 320           |

### Safety advice

- Please read and comply with all instructions, including the installation manual included inside the packaging before attempting installation.
- All installation, inspection, and maintenance of lighting fixtures should be done with the power to the fixture turned off.
- Lamps should be installed and operated in compliance with the National Electrical Code (NEC), Underwriters Laboratories Inc. (UL) requirements, and all applicable codes and regulations.
- See installation manual for wiring options.
- Ensure lamp holders/sockets are in good operating condition before installation and if any defects are detected, change the lamp holders/sockets.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
- Make sure the lamps have the proper connections before restoring power.

### DOWNLOAD DATA

| Spec Sheets and Product Documents                                                  |                           | Document name                            |
|------------------------------------------------------------------------------------|---------------------------|------------------------------------------|
|  | Installation Guide        | Install Guide                            |
|  | Installation Guide        | Install Guide                            |
|  | Product Family Spec Sheet | HID REPLACEMENT LAMPS                    |
| Photometric and lighting design files                                              |                           | Document name                            |
|  | IES file (IES)            | IES FILES + LM79 REPORT HIDr Low voltage |

| Photometric and lighting design files                                             |                | Document name                             |
|-----------------------------------------------------------------------------------|----------------|-------------------------------------------|
|  | IES file (IES) | IES FILES + LM79 report HiDr high voltage |

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.