



100W Mogul Base Bulb - Waterproof

SECTION 1: GENERAL DESCRIPTION (FIXTURE AND DRIVER)

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|------------------------------------|--|
| Model Number: | VOL-CL40-100-CW-WP |
| Base: | E40-waterproof |
| Voltage: | 90-305V |
| Power: | 100W |
| Hue: | C/W |
| Diffuser Type: | Polymethyl Methacrylate |
| Base Material: | Cast Aluminum |
| Light Output: | 15,800 Lumens |
| Beam Angle: | 360 Degree |
| IP Rating: | IP64 |
| Correlated Colour Temperate (CCT): | 6700K White / 2700K Warm White |
| Fixture Lifespan: | 50,000 Hours (10+ years at 12 hours per day) |
| Weight: | 0.95 kg |

DRIVER

| | |
|-----------------|----------------------------------|
| Output Type: | Single |
| Output Current: | 2.65A |
| Output Voltage: | 36V DC |
| Output Power: | 100W |
| Input Voltage: | 85-300V |
| Colour: | Silver |
| IP Rating: | IP External IP67 Meanwell Driver |
| Dimensions: | 195 x 62.5 x 40.5mm |

SECTION 2: CERTIFICATIONS MET

UL Listing : Underwriters Laboratory testing for dependable reliability and lifespan of fixture.
 RoHS: Restriction of Hazardous Substances- Ensuring no toxic chemicals or materials are used in the manufacture.
 CE Certification: European Conformity- Passed standards to be sold within the European Union.

SECTION 3: LIGHT SOURCE DESCRIPTION (LED CHIP)

| | |
|----------------|----------|
| LED Shape | 1060 |
| Number of LEDs | 2835 SMD |
| LED TYPE | EPISTAR |

SECTION 4: COMPARABLE OLDER LIGHT SOURCE

| 100W Corn Bulb | 400W Metal Halide Bulb |
|---------------------------|-------------------------------------|
| 100 Watts Power | 400 Watts Power |
| 50,000 Hour Lifespan | 200 Hour Lifespan |
| Carries 2 year Warranty | Carries no warranty |
| Withstands voltage surges | Destroyed with small voltage surges |
| Available in Warm or Cool | Only Available in Warm |

PHOTOMETRIC DISTRIBUTION

LUMINOUS INTENSITY DIAGRAM

