

PRODUCT DATASHEET

OM274-3535-1x1-7°











Features & Application

- ♦ High lighting efficiency
- ◆ Optimized for uniform effects
- ♦ Narrow Beam Lens
- ♦ Stadium Lighting
- ♦ Surgical Light / Medical Light
- **♦** Security Lighting
- ♦ Wall Washer Lighting
- ♦ Industrial Light / Commercial
- ◆ Table and Floor Lamps
- ♦ Indoor Architectural & General Lighting ◆ UV protected
- ◆ Spot Lighting and Projectors
- ♦ Glare Free

- ♦ Facade Lighting
- ♦ Indoor Recessed Fixtures
- ♦ Office Lighting
- ♦ Indoor and Outdoor Lighting
- ♦ Perfect uniform flux
- ♦ Soft wide beam with good illuminance uniformity
- ♦ Easy fixing system to the PCB
- ♦ Complying with UL94 Specifications
- ♦ Easy fixing onto the PCB: 3 Pins provided for precise and robust mounting



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GENERAL INFORMATION

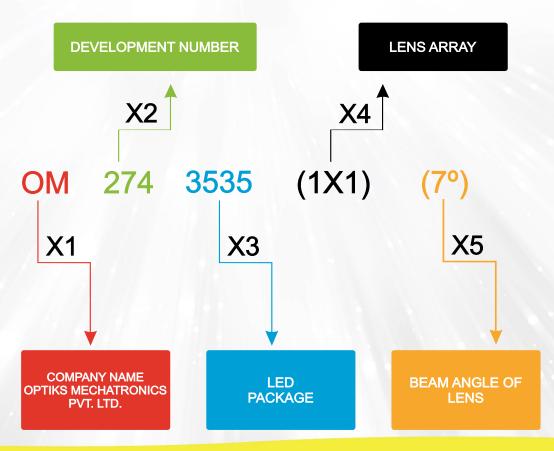






- ♦ Narrow Beam Light Application.
- ♦ Operating Temperature range -40°C ~+110°C (upper limit +130°C)
- ◆ Storage Temperature range -40°C~+110°C (upper limit +130°C)
- ♦ Average transmittance in visible spectrum 400nm~700nm>90%

PRODUCT NOMENCLATURE





MATERIAL SPECIFICATION











◆ Lens Material: Poly(methyl methacrylate) PMMA

♦ Luminous transmittance: 89 to 90% (ISO 13468-2/ASTM D1003)

♦ Refractive index: 1.584 (ISO 489/ASTM D542)

♦ Flammability: HB/V-0 (UI94)

♦ Clean spot, efficiency: 89%

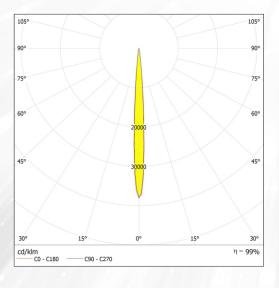
♦ Colour : Clear

OPTICAL SPECIFICATION

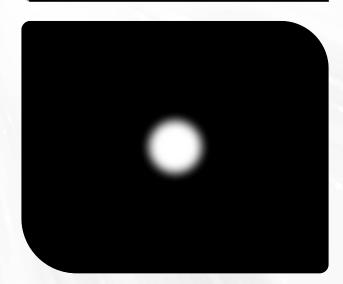
Note: (1) All the results of analysis are based on 0 degrees of elevation.

(1) Tolerance: ±10%.

Beam Angle



Beam Pattern



LED











MECHANICAL SPECIFICATION

FASTENING

✓ Glue Screw

Tape

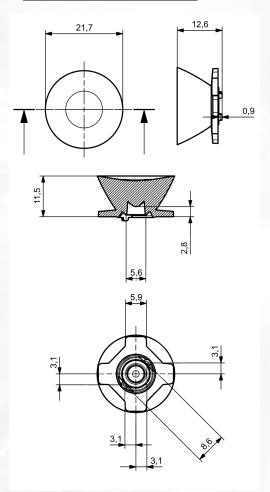
✓ Fixing-ring

Note:

3. Protruding of the gate from the side

✓ Frame

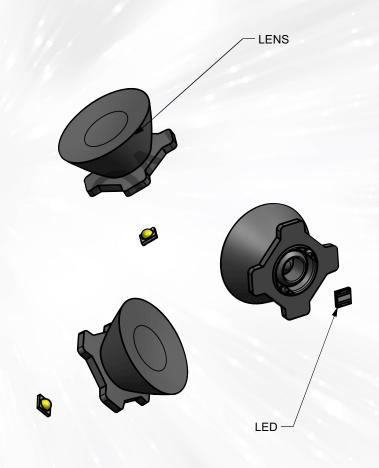
LENS DIMENSION



LED+LENS ASSEMBLY INSTRUCTION

1. Unit measurement: mm 2. General tolerance: ±0.2mm

surface: less than 0.3mm



USAGE AND MAINTENANCE







- 1. If necessary, clean lenses with mild soap, water and soft cloth.
- 2. Never use any commercial cleaning solvents on lenses, like alcohol.
- 3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.