



## Features & Application

- ◆ High lighting efficiency
- ◆ Optimized for uniform effects
- ◆ Roadway Lighting
- ◆ Glare Free
- ◆ Extremely luminous flux
- ◆ Soft wide beam with good illuminance uniformity
- ◆ Easy fixing system to the PCB
- ◆ Complying with UL94 Specifications
- ◆ UV protected

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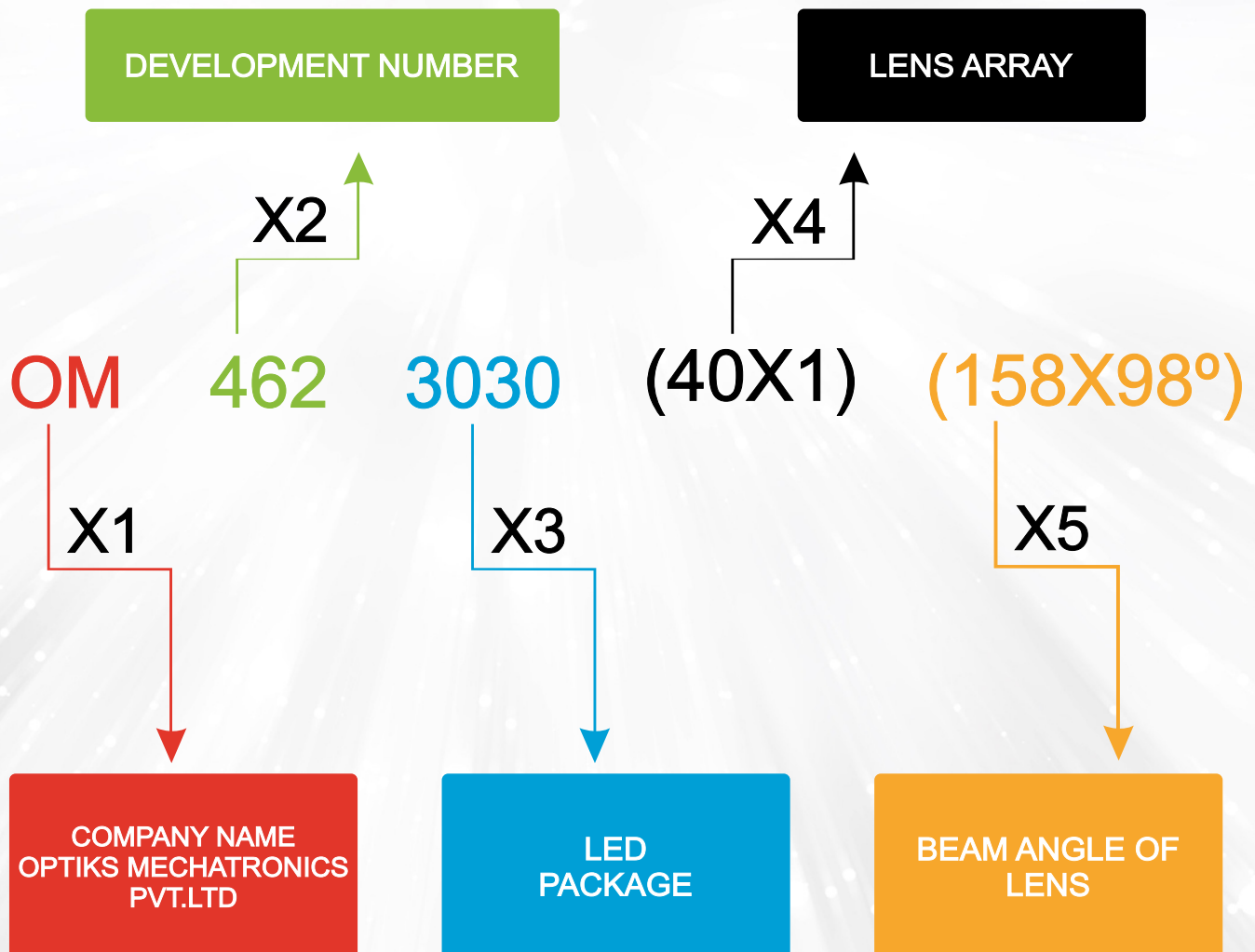
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## GENERAL INFORMATION



- ◆ Type II Lens For Street Light Application.
- ◆ Operating Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+130^{\circ}\text{C}$ )
- ◆ Storage Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+130^{\circ}\text{C}$ )
- ◆ Average transmittance in visible spectrum  $400\text{nm} \sim 700\text{nm} > 90\%$

## PRODUCT NOMENCLATURE



## MATERIAL SPECIFICATION

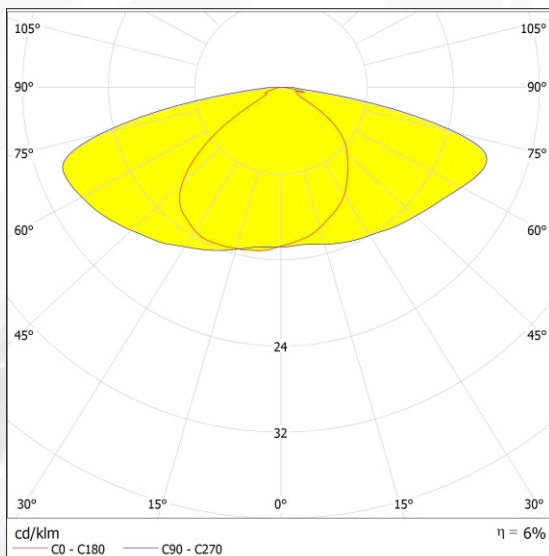


- ◆ Lens Material : Optical Grade PC (Bayer 2407)
- ◆ Luminous transmittance : 89 to 90% (ISO 13468-2/ASTM D1003)
- ◆ Refractive index : 1.584 (ISO 489/ASTM D542)
- ◆ Flammability : HB/V-0 (UL94)
- ◆ Colour : Clear

## OPTICAL SPECIFICATION

Note: (1) All the results of analysis are based on 0 degrees of elevation.  
(2) Tolerance:  $\pm 10\%$ .

### Beam Angle



### Beam Pattern

