



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

Table of Contents

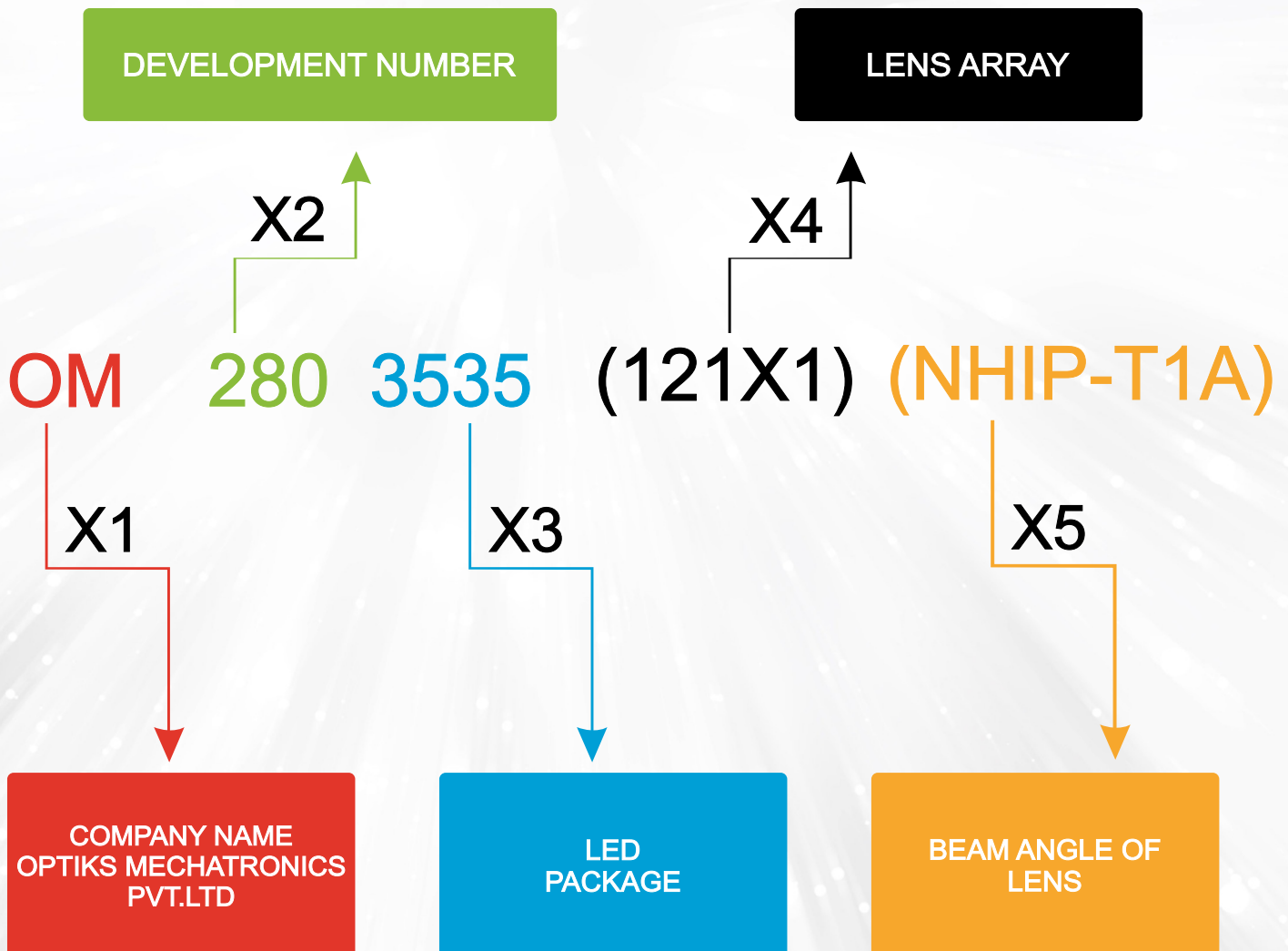
- ◆ General information & Product Nomenclature.....P.2
- ◆ Material specificationP.3
- ◆ Optical specificationP.3
- ◆ Mechanical specificationP.4

GENERAL INFORMATION



- ◆ Type I A 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

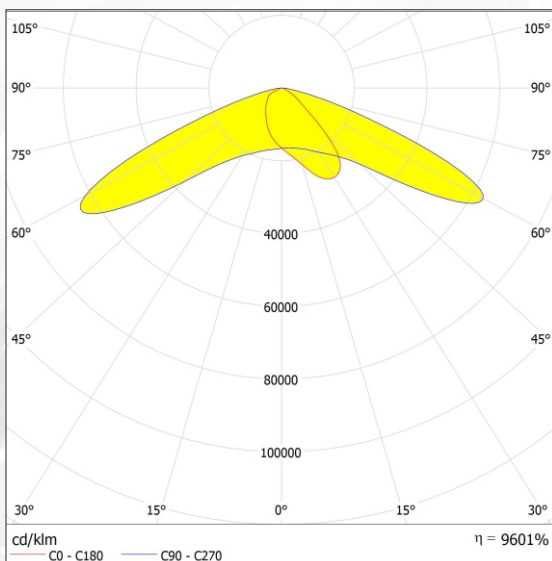


- ◆ Lens Material : Optical Grade PC (Bayer 2407)
- ◆ Luminous transmittance : 89 to 90% (ISO 13468-2/ASTM D1003)
- ◆ Refractive index : 1.584 (ISO 489/ASTM D542)
- ◆ Flammability : HB/V-0 (UL94)
- ◆ Colour : Clear

OPTICAL SPECIFICATION

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

Beam Angle



Beam Pattern

