

KHATOD

Custom Solutions

Search by APPLICATION ENGINEERING

LED

PRODUCT ENGINEERING

ALL

PL119840

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LEDs Manufacturers

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LEDs

-- select LEDs Manufa | ✕

Product ranges

- select an option - ▼ | ✕

Diameter (mm)

-- min | ✕ -- max | ✕

Side (mm)

-- min | ✕ -- max | ✕

Height (mm)

-- min | ✕ -- max | ✕

Pitch (mm)

- select an option - ▼ | ✕

Material

None selected
▼None selected
▼

Viewing Angle (FWHM)...

-- min | ✕ -- max | ✕

... or select Angle from list

- select an option - ▼ | ✕

Type of Optics

- select an option - ▼ | ✕

Single vs Multi Optics

- select an option - ▼ | ✕

Application engineering

- select an option - ▼ | ✕

Application required

None selected
▼None selected
▼

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Search item



PL119840

Single Lenses for Power LEDs - Wide Beam - Color Mixing

Single Lenses for Power LEDs

26,80mm diameter - 20,80mm height - Wide Beam - Color Mixing

Realized in NJC™ Technology

BENEFITS:

- High lighting efficiency
- Excellent luminous flux
- No vibration problems
- Superior optical engineering for a perfect uniform light distribution
- Innovative design
- Easy fixing system to the PCB
- Complying with UL94 Specifications

TYPICAL APPLICATIONS:

- Canopy Light - Petrol Gas Station Light
- Color mixing optics
- Hospitality lighting
- Indoor
- Indoor architectural & general lighting
- Indoor ceiling mounted luminaires
- Indoor pendant luminaires
- Indoor recessed fixtures
- Industrial Light - Commercial Light
- IR
- Lowbay
- Office
- Outdoor
- Outdoor architectural
- Outdoor floodlights

- Security lighting
- Table and floor lamps
- Task lighting
- Track systems
- Wall washing / flood lighting / Totem Light
- Most applications where a compact light source is required
- Any application requiring placement of LEDs in narrow or recessed spaces, as well as in diverse LED configurations

By positioning Khatod lenses onto the micro LEDs in Red, Green, Blue and White (RGBW) colors, a real perfect optical system providing an excellent color mixing is settled. Such optical systems are suitable for lighting items at short distance, because the light beams they produce do not transmit either UV rays or heat. They are particularly fit for close lighting such as shop windows, museum showcases, works of art, architectural and artistic details, etc. They are also recommended in the specific wall-washing lighting which requires a perfect uniform light beam.

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LEDs Manufacturers

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LEDs

-- select LEDs Manufacturer first --



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KHATOD®
Optical Solutions for LED Lighting

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