DARE NOT TO GLARE.

DAISY

GLARE FREE GENERAL LIGHTING FOR OFFICES

Discreet direct light for recessed, surface mounted and suspended office luminaires

- UGR <19
- High efficiency >85% (even with the shade)
- Available in piano black and white
- Compatibility – Optimized for 2835 and compatible with up to 5630 size mid-power LED packages

Recommended to be used with two LEDs per one optic (up to 5630 in size)

- Compatible with up to 4ft long PCB
- OFFICE LIGHTING
- PUBLIC SPACE LIGHTING
- TUNABLE WHITE

Typ. FWHM: 90°

Typ. FWHM: 50°

CN16604_DAISY-4X1-W
CN16605_DAISY-28X1-W
CN16785_DAISY-4X1-W-WHT
CN16786_DAISY-28X1-W-WHT

CN16606_DAISY-4X1-WW
CN16607_DAISY-28X1-WW
CN16788_DAISY-4X1-W-WHT
CN16789_DAISY-28X1-W-WHT

H: 20.2 mm, D: 1140 x 40 mm
H: 20.2 mm, D: 180 x 40 mm

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination. Go to www.ledil.com for LED specific values and product datasheets. The information contained herein is the property of LEDiL Oy, Joensuunkatu 13, FI-24100 SALO, Finland, and is subject to change without prior notice. Please visit www.ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and other instructions relating to handling, gluing and taping.
HEKLA SOCKETS AND SOLDERLESS CONNECTORS

One Connector, Many Optics

Make your connections more versatile, robust and future proof with LEDiL’s Ø44 mm HEKLA sockets and solderless connectors

COMPATIBLE
Support for many COBs and LEDiL optics

USABLE
Easy to use twist & lock mechanism

DURABLE
Durable materials that can withstand high temperatures without losing grip

INNOVATIVE
Same system – freedom to choose between solderless connector or mechanical socket

BARBARA-G2
Ø 70 mm

MIRELLA-G2
Ø 50 mm

BROOKE-G2
Ø 45 mm

CARMEN
Ø 90 mm
Ø 70 mm (with CARMEN-HLD-C)
Ø 50 mm

ZORYA
Ø 53 mm
with ZORYA-ADAPTER-HEKLA

RONDA
Ø 54 mm
with RONDA-HLD-C

WINNIE
Ø 50 mm
with WINNIE-HLD-C

ILONA
Ø 50 mm

BEST TIR LENS FAMILY FOR RETAIL LIGHTING

Narrow beam with high efficiency (90 %)
Excellent colour mixing for high quality retail lighting
Simple and quick mounting into LEDiL HEKLA
Compatibility – LEDIL HEKLA, optimized for 4 to 9 mm and compatible up to 14.5 mm LES size COBs

RETAIL LIGHTING
HOSPITALITY LIGHTING
ARCHITECTURAL FLOOD LIGHTING
TRACK LIGHTING

DIAMOND LIKE OPTIC WITH NARROW BEAM

Tight cutoff and excellent colour uniformity with medium size COBs
Minimized spill-light and glare with high cd/lm peak values
CARMEN-optics are also available in Ø50 and Ø70 mm
Compatibility – LEDIL HEKLA and COBs with LES sizes up to 14.5 mm

RETAIL LIGHTING
ARCHITECTURAL LIGHTING
RETAIL LIGHTING

CARMEN-90

CARMEN
Ø 90 mm
Ø 70 mm (with CARMEN-HLD-C)
Ø 50 mm

ILONA
Ø 50 mm

RETAIL LIGHTING
HOSPITALITY LIGHTING
ARCHITECTURAL FLOOD LIGHTING
TRACK LIGHTING

ILONA
Ø 50 mm

Typ. FWHM: 9°

Typ. FWHM: 9°

Typ. FWHM: 9°

LILIAN

NARROW LINEAR OPTICS FOR ARCHITECTURAL LIGHTING

Pitch-free optical design for easy scalability of lumen output
Homogenous light-emitting surface with minimal dot visibility
Accurate 1° x 80° beam with long reach for wall-grazing applications
Compatibility – Optimized for top emitting CSP LEDs and compatible with up to 3535 high-power LEDs

ARCHITECTURAL LIGHTING
WALL-GRAZING
COVE LIGHTING

LEIA

ULTRA-NARROW BEAM FOR DECORATIVE LIGHTING

Beautiful, narrow 4° beam with minimal light spill
White holder with colour mixing chamber makes the beam extremely monochrome
Optional sublens to create very narrow oval beam
Compatibility – Optimized for single chip 3353 LED packages, compatible with up to 7070 size LED packages

ARCHITECTURAL LIGHTING
DECORATIVE LIGHTING
WALL-GRAZING

LINNEA-GC

UGR OPTIMIZED LINNEA FOR RETAIL LIGHTING

Precise light control in all directions with fixed pitch for 30 LEDs per feet
Wide light-emitting surface to achieve 22 UGR at 1000 lm/ft
Quick to assemble with integrated clips
Compatibility – Optimized for up to 24 mm wide mid-power PCBs

ARCHITECTURAL LIGHTING
RETAIL LIGHTING
INDUSTRIAL LIGHTING

CLAUDIA

AFFORDABLE LINEAR LENSES FOR SUPERMARKET LIGHTING

Glare controlled linear lenses and good colour-over-angle performance
Good vertical illumination perfect for supermarket lighting
Can also be used with LED clusters
Compatibility – Optimized for 2835 and compatible with up to 5630 size mid-power LED packages

RETAIL LIGHTING
SUPERMARKET LIGHTING
TUNABLE WHITE LIGHTING
DAHLIA

EFFICIENT PLATFORM FOR HORTICULTURAL LIGHTING

Extremely uniform lighting - PPFD uniformity >90% over the growth area
120 lens array easily divisible to 1-4 channels up to IP67 with easy to clean smooth surface
Compatibility – Typical 3535 size High-Power horticultural LEDs

INDUSTRIAL LIGHTING
RETAIL LIGHTING
STREET/CATENARY LIGHTING
INFRARED CAMERAS
AUTOMOTIVE SENSORS
SMART MACHINE VISION

HORTICULTURAL TOP LIGHTING

VICTORIA

THE POWERHOUSE FOR INDUSTRIAL LIGHTING

160 lenses with patented RZ surface to eliminate colour-over-angle-artefacts from the beam
Use with two mid power LEDs or one 5050 size LED per lens and get up to 40 000 lumen output
Can be used with a silicone seal for up to IP67
Compatibility – Optimized for 2835 and compatible with up to 5050 size high-power LED packages

INDUSTRIAL LIGHTING
RETAIL LIGHTING
STREET/CATENARY LIGHTING

IRIE

ENHANCED VISION FOR SHORT DISTANCE IR LIGHTING

Optimized for most common 4:3 ratio cameras and designed to cover 90° x 120° camera viewing angle
Supports up to 2 IR LEDs under one optic for maximum illumination
Compatibility - Flat 2.75 x 2.0 mm high-power IR LEDs

INFRARED CAMERAS
AUTOMOTIVE SENSORS
SMART MACHINE VISION

SMART MACHINE VISION

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**JENNY**

**SILICONE LENSES FOR WIDE RANGE OF APPLICATIONS**

Made for extreme conditions – Superior heat and UV-radiation resistance
Ideal for sports field lighting with ultra high-power LEDs
Compatibility – Up to 7070 size LED packages

- IN- AND OUTDOOR AREA LIGHTING
- CANOPY LIGHTING
- SPORT FIELD LIGHTING
- HIGH MAST LIGHTING

**STRADA-IP-8MX**

8 LENS ARRAY WITH SILICONE GASKET FOR UP TO IP67

Available in PMMA and PC
Compatible with 2X2MX® ecosystem
Compatibility - Optimized for flat high-power 5050 size LED packages

- STREET LIGHTING

**STRADA-2X2-5050**

OPTIMIZED VERSIONS FOR FLAT 5050 SIZE LED PACKAGES

Same footprint as other LEDiL’s STRADA-2X2 lenses

- STREET LIGHTING

**SITARA**

NEW COST-EFFECTIVE STREET LIGHTING FAMILY MADE OF PC

Compatibility – Optimized for 5050 size flat SMD LED packages
Single lenses with positioning pins intended to be glued
2X2-modules with an integrated silicone gasket for up to IP67

- STREET LIGHTING

**STRADELLA-IP-16/-28**

HIGH-DENSITY IP RATED MODULES FOR STREET AND AREA LIGHTING

Integrated silicone gasket (up to IP67) and pocket for connectors and wires
Available in PMMA and PC
Allows high lumen density designs and cost/efficacy optimization
Compatibility – Up to 3535 size high- and mid-power LEDs. High-Bay beams also work with CSP LEDs

- STREET LIGHTING
- INDUSTRIAL LIGHTING

**STRADA-2X2CSP**

STRADA-2X2 LENSES OPTIMIZED FOR HIGH-POWER CSP LEDS

Precise street lighting distribution with excellent cutoff properties
Compatibility – Both five-side and top emitting CSP LEDs

- STREET LIGHTING