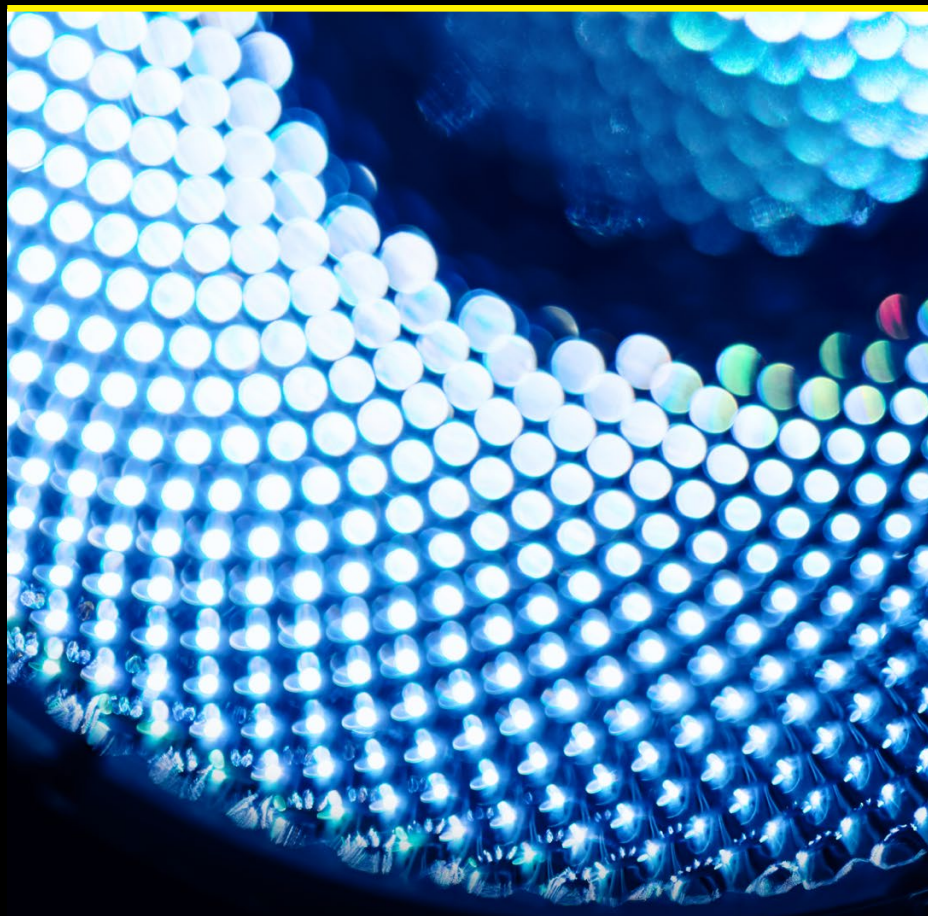


LEDiL

Latest products catalogue

Q4, 2021



ZOE

Zoom-optic for
torches and
headlamps

EMERALD

New optics for
emergency
lighting

AMY

Optimal solution for
low profile track and
downlights

STRADA-IP-24 **STRADELLA-IP-64**

Efficiency to
street lighting

DAISY

New additions
Dark Light family

VIOLET **VIOLETTA**

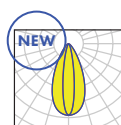
Professional UV-C
disinfection

Single lenses

AMY

The perfect choice
for slim, elegant
luminaire designs

Retail lighting
Track lighting
Hospitality lighting



AMY-35-ZOOM

d: 35 mm
h: ~12.5 mm
typ. FWHM: spot 20°, full 50°



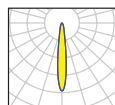
**PATENT
PENDING
for
AMY-35-ZOOM**

- Low profile lens for slim, elegant track and downlights
- Four sizes with spot, medium, wide and extra wide beams
- Easy mounting with flange or HEKLA, B+W and BJB connectors

TESTED FOR
**TUNABLE
WHITE**
M-, W-,
WW-
BEAMS

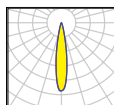
Compatibility:

AMY-35 optimized for 6 mm, AMY-45 and AMY-50 optimized for 10 mm and AMY-70 optimized for 14.5 mm LES size COBs. AMY-50 and -70 compatible with holder C to LEDiL HEKLA, B+W connectors and with holder B to BJB, B+W connectors. Available with or without holder.



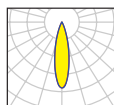
AMY-50-S2

d: 35 mm
h: 10.70 mm
typ. FWHM: 15°



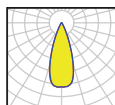
AMY-35/45/50/70-S

d: 35/45/50/70 mm
h: 8.5/10/10.80/12.7 mm
typ. FWHM: 18°



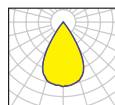
AMY-35/45/50/70-M

d: 35/45/50/70 mm
h: 8.5/10/10.91/12.5 mm
typ. FWHM: 24°



AMY-35/45/50/70-W

d: 35/45/50/70 mm
h: 8.5/10/10.97/13 mm
typ. FWHM: 36°



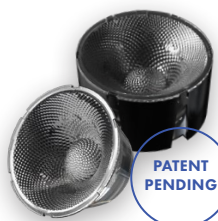
AMY-35/45/50/70-WW

d: 35/45/50/70 mm
h: 8.5/10/10.97/12.8 mm
typ. FWHM: 60°

YASMEEN

Versatile COB
optic with supreme
light quality

Retail lighting
Track lighting
Hospitality lighting



**PATENT
PENDING**

- Visually streamlined optic family in the most popular sizes and beams
- Supreme light quality and beam control
- Easy attachment to luminaire using the top flange or holders

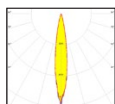
TESTED FOR
**TUNABLE
WHITE**



VIDEO

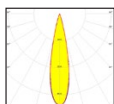
Compatibility:

Ø30 mm: Up to 7070 size LED packages, Ø50 mm: LES 6–14.5 mm, Ø70 mm: LES 10–14.5 mm. YASMEEN-50 and -70 compatible with holder C to LEDiL HEKLA, B+W connectors and with holder B to BJB, B+W connectors.



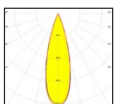
YASMEEN-30-RS

d: 30 mm
h: 18.2 mm
typ. FWHM: 11°



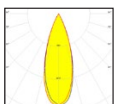
YASMEEN-50/70-S

d: 50/70 mm
h: 30.5/39.9 mm
typ. FWHM: 15°



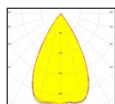
YASMEEN-50/70-M

d: 50/70 mm
h: 30.5/39.9 mm
typ. FWHM: 26°



YASMEEN-50/70-W

d: 50/70 mm
h: 30.5/39.9 mm
typ. FWHM: 36°



YASMEEN-50/70-WW

d: 50/70 mm
h: 30.5/39.9 mm
typ. FWHM: 60°

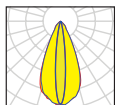
Single lenses



ILONA

For efficient and high quality retail lighting

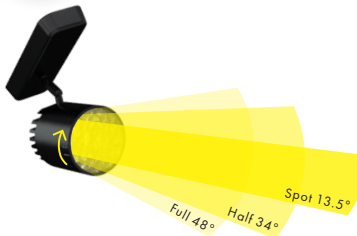
Architectural lighting
Retail lighting
Track lighting



Relative
zoom
range

ILONA-ZOOM

d: 50 mm
h: 33.22 mm
typ. FWHM: spot 13.5°, full 48°



- Powerful lens family with excellent colour rendering
- Narrow beam with world class efficiency and high candela peak
- Simple and quick mounting into LEDiL HEKLA
- IONA-ZOOM is rotation-zoom optic enabling an infinitely adjustable beam from 13 to 48 degrees without axially moving part.
- Packs the most punch and has the highest efficiency in the industry with well controlled cut-off

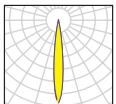
TESTED FOR
**TUNABLE
WHITE**
ALL EXCEPT
RS-BEAM



VIDEO

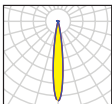
Compatibility:

Optimized for 6–10 mm LES size COBs, compatible with up to 14.5 mm LES size COBs. IONA compatible with LEDiL HEKLA and B+W connectors.



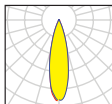
ILONA-RS

d: 50 mm
h: 29.15 mm
typ. FWHM: 10°



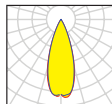
ILONA-SS

d: 50 mm
h: 29.30 mm
typ. FWHM: 14°



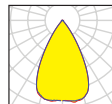
ILONA-M

d: 50 mm
h: 29.66 mm
typ. FWHM: 25°



ILONA-W

d: 50 mm
h: 29.70 mm
typ. FWHM: 36°



ILONA-WW

d: 50 mm
h: 29.44 mm
typ. FWHM: 57°

Single lenses



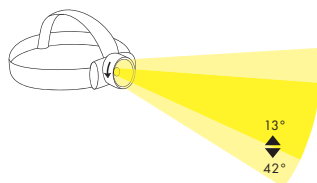
ZOE-30-ZOOM

Optimal adaptability to changing conditions

Torch lights Headlamps



ZOE-30
d: 31.6 mm
h: 20.3 mm
typ. FWHM: spot 13°, full 42°



- Always perfect field of vision even under constantly changing conditions
- Infinitely adjustable beam without axially moving parts
- Uniform colour quality throughout the zoom range
- Enables creation of compact, lightweight products which is crucial in handheld luminaires

Compatibility:
Optimized for 3535 LED packages and compatible with up to 7070 LED packages

EMERALD

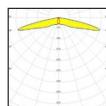
Performs when you need it the most

Anti-panic lighting Emergency exit route lighting

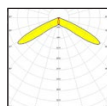


- Easy to meet EN 1838 Emergency lighting standard requirements
- Designed for anti-panic lighting and illumination of the emergency exit routes
- Optimized for very long spacing between luminaires

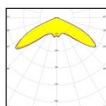
Compatibility:
Up to 5050 size LED packages



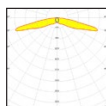
EMERALD-ER1
d: 21.6 mm
h: 7.8 mm
typ. FWHM: 155 + 30°



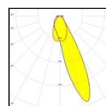
EMERALD-ER2
d: 21.6 mm
h: 9.3 mm
typ. FWHM: 130 + 20°



EMERALD-AP
d: 21.6 mm
h: 6.9 mm
typ. FWHM: asymm.



EMERALD-A
d: 21.6 mm
h: 6.9 mm
typ. FWHM: asymm.



EMERALD-FS
d: 21.6 mm
h: 8.1 mm
typ. FWHM: asymm.

Next generation of Ø 44 mm solderless connectors

Compatibility

One interface for a variety of LEDiL optics and COBs

Usability

Easy to use twist and lock mechanism with pre-fix for COBs

Durability

Can handle high temperatures without losing grip



VIDEO



KONNTAKT



Certificates:

Certificate No. 40052557,
Tested and certified according to:
DIN EN 60838-1:2017-10 + A1
(VDE 0616-5:2017 + A1):2018-02;
EN 60838-1:2017 + A1:2017

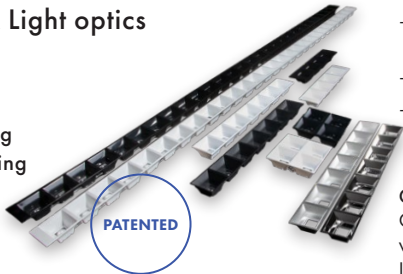
Linear lenses



DAISY

Premium Dark Light optics

Office lighting
Retail lighting
Hospitality lighting
Public space lighting
Accent lighting



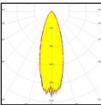
- A low glare optic (UGR <19) for office, retail and general lighting
- Made from PC with metal coating
- Easy attachment to luminaires using Lumawise LED holders Z50L, Z45L and Z35L

TESTED FOR
TUNABLE
WHITE

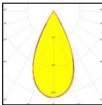


VIDEO

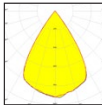
Compatibility:
Optimized for 2835 and compatible with up to 5630 size mid-power LED packages. Compatible with up to 4 ft long PCB.



DAISY-MINI-M
typ. FWHM: 30°



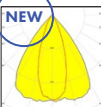
DAISY-MINI-W
typ. FWHM: 55°



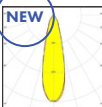
DAISY-MINI-WW
typ. FWHM: 65°



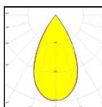
DAISY-MINI-WWW-D
typ. FWHM: 65°



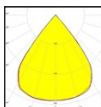
DAISY-7X1-O
typ. FWHM: 25 + 70°



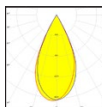
DAISY-7X1/8X1-M
typ. FWHM: 35°



DAISY-XXX-W
typ. FWHM: 50°
XXX = 4X1, 7X1, 8X1, 28X1 or 2X2



DAISY-XXX-WW
typ. FWHM: 80°



DAISY-7X1-W2
typ. FWHM: 50°



DAISY-7X1-ZT25
typ. FWHM: asymm.



DAISY-7X1-WAS
typ. FWHM: asymm.

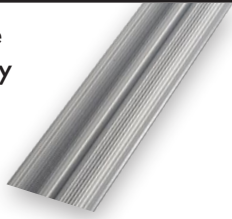
- Sizes:**
MINI: d: 280 x 21 mm | h: 13.3 mm
4X1: d: 180 x 40 mm | h: 20.2 mm
7X1: d: 280 x 40 mm | h: 20.3 mm
8X1: d: 305 x 40 mm (12"), LED pitch 1.5" (=38.1 mm) h: 20.3 mm
28X1: d: 1140 x 40 mm | h: 20.2 mm
2X2: d: 79.4 x 79.4 mm | h: 21 mm



LINDA-40

Versatile 40 mm free pitch extrusion family

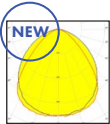
Retail lighting
Industrial lighting



- Extremely easy to install lens extrusion for seamless luminaires without visible gaps
- Five beams with accurate beam control
- Innovative installation using the same screws that a PCB is installed with

Compatibility:

Single row mid-power up to 24 mm wide Zhaga PCBs



LINDA-40-WW
typ. FWHM: ~90 + 110°



LINDA-40-W
typ. FWHM: ~60 + 110°



LINDA-40-O
typ. FWHM: ~86 + 40°



LINDA-40-ZT25
typ. FWHM: asymm.



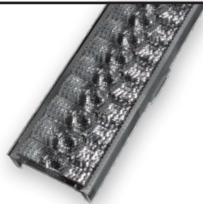
LINDA-40-Z2T25
typ. FWHM: asymm.

Size:
d: 40 x 1140 mm
h: 9.0 mm

LINNEA-GC2

Aesthetic low glare linear optic for retail and industrial lighting

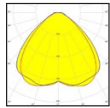
Retail lighting
Industrial lighting



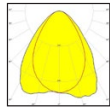
- Wide, microprismatic light-emitting surface for high visual comfort application
- Enables perfect balance between vertical illumination and low glare
- Consistent family look for aesthetically appealing luminaires
- Integrated clips for easy installation

Compatibility:

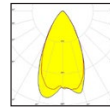
Optimized for standard Zhaga 1-row boards (24 LEDs) from Tridonic



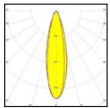
LINNEA-GC2-110
typ. FWHM: 110°



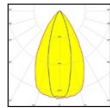
LINNEA-GC2-90
typ. FWHM: 90°



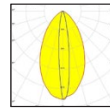
LINNEA-GC2-60
typ. FWHM: 60°



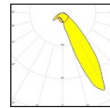
LINNEA-GC2-30
typ. FWHM: 30°



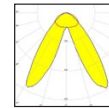
LINNEA-GC2-O
typ. FWHM: 30 + 60°



LINNEA-GC2-WG
typ. FWHM: 13 + 60°



LINNEA-GC2-ZT25
typ. FWHM: asymm.



LINNEA-GC2-Z2T25
typ. FWHM: asymm.

Size:
d: 284 x 43 mm
h: 15.2 mm

UV-C disinfection



VIOLET

The first standard silicone optic in the world designed specifically for UV-C applications

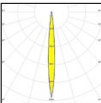
Disinfection
Horticultural lighting



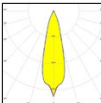
- Special silicone for high UV transmittance
 - Lens and stainless steel frame made from highly UV resistant materials
 - Enables creation of more cost-efficient solutions than with quartz glass
 - Can be used with up to 4 LED clusters* for maximum efficiency and output
- * Depends on LED



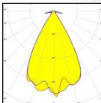
VIDEO



VIOLET-12X1-RS
d: 295 x 42 mm
h: 8.8 mm
typ. FWHM: 14°



VIOLET-12X1-S
d: 295 x 42 mm
h: 8.8 mm
typ. FWHM: 20°



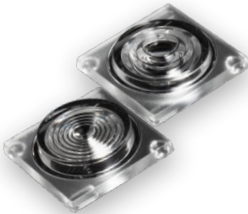
VIOLET-12X1-W
d: 295 x 42 mm
h: 8.8 mm
typ. FWHM: 60°

Compatibility:
Up to 7070 size LED packages or 2X2 LED clusters with up to 3030 package size

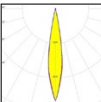
VIOLETTA

Small silicone lenses for UV-C applications

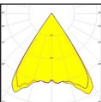
Disinfection



- Unique silicone lens with high UV transmittance
- Easy to achieve ingress protection (IP) with sandwich mount between faceplate and PCB
- Single lens format allows for a wide variety of luminaire designs

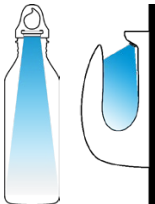


VIOLETTA-S
d: 21.6 mm
h: 6.31 mm
typ. FWHM: 15°



VIOLETTA-W
d: 21.6 mm
h: 6.61 mm
typ. FWHM: 60°

Compatibility:
Up to 7070 size LED packages or 2X2 LED clusters with up to 3030 package size



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.



SPORT-2X2

Game changing,
low glare optic for all
types of sports lighting

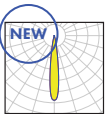
Sports and stadium area lighting
Tunnel lighting



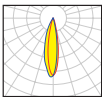
- Allows optimal lighting conditions for both players and spectators
- Meets standards and requirements of different sports
- Symmetrical and asymmetrical beams designed for low glare sports lighting floodlights
- Enables creation of energy efficient and neighbourhood friendly lighting installations



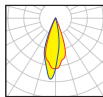
VIDEO



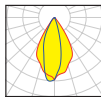
SPORT-2X2-S1
d: 21.6 mm
h: 13.6 mm
typ. FWHM: 10°



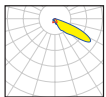
SPORT-2X2-S2
d: 50 x 50 mm
h: 14.2 mm
typ. FWHM: asymm.



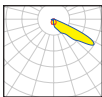
SPORT-2X2-S4
d: 50 x 50 mm
h: 14.4 mm
typ. FWHM: asymm.



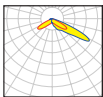
SPORT-2X2-S6
d: 50 x 50 mm
h: 15.5 mm
typ. FWHM: asymm.



SPORT-2X2-FT60
d: 50 x 50 mm
h: 15.5 mm
typ. FWHM: asymm.



SPORT-2X2-FT6
d: 50 x 50 mm
h: 11.0 mm
typ. FWHM: asymm.



SPORT-2X2-FT6W
d: 50 x 50 mm
h: 12.5 mm
typ. FWHM: asymm.

Compatibility:

Optimized for HP 3535 and compatible with up to 5050 size flat LED packages

Shades available for SPORT-2X2-FT6 and -FT60

- Further reduces or almost completely blocks backlight to avoid spill light to the neighbourhood
- Available in black (blocks backlight the best) or white (enables better efficiency)



Note: Adding shade to luminaire design will raise temperatures and reduce overall efficiency

Available in PMMA and High Temperature PMMA

Street & industrial lighting

STRADA-IP-24/HB-IP-24

Boosts your luminaire efficiency and output

Industrial lighting
Street lighting



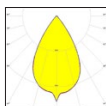
- Industry standard redefined – same dimensions and screw holes as the 2X6 lens family
- High performing – excellent beam quality built on the STRADA legacy
- Versatile – extreme efficiency when under-driving or extreme output at max power

Compatibility:

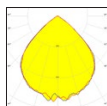
Optimized for flat high power 5050 size LED packages such as: CREE J/JR5050, LUMILEDS LUXEON 5050 square, NICHIA 48x series, OSRAM DURIS S8, OSRAM OSCONIQ S 5050, SAMSUNG LH502C, SEOUL DC 5050 6V



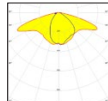
HB-IP-24-M
d: 173 x 71 mm
h: 9.6 mm
typ. FWHM: asymm.



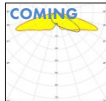
HB-IP-24-W
d: 173 x 71 mm
h: 9.0 mm
typ. FWHM: asymm.



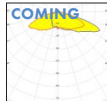
HB-IP-24-WWW
d: 173 x 71 mm
h: 9.1 mm
typ. FWHM: asymm.



STRADA-IP-24-T2-M-PC
d: 173 x 71 mm
h: 9.1 mm
typ. FWHM: asymm.



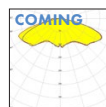
STRADA-IP-24-T3-M
d: 173 x 71 mm
h: 9.0 mm
typ. FWHM: asymm.



STRADA-IP-24-T4-B
d: 173 x 71 mm
h: 9.0 mm
typ. FWHM: asymm.



STRADA-IP-24-DWC
d: 173 x 71 mm
h: 9.0 mm
typ. FWHM: asymm.



STRADA-IP-24-VSM
d: 173 x 71 mm
h: 9.8 mm
typ. FWHM: asymm.

VICTORIA-MINI

Ø180 mm powerhouse for industrial lighting

Industrial lighting

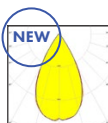


- Consists of 80 lenses with LEDiL patented RZ surface
- Fast and easy installation with screws and optional LEDiL clip to maintain lens performance even on high temperatures
- Can be used with a silicone seal for ingress protection

Compatibility:

- Optimized for 2835 and compatible with up to 5630 size mid-power LED packages.
- Recommended for use with two LEDs per one optic up to 5630 in size.
- Can be used with single domeless 5050 size LED packages

Optional installation clip also available



VICTORIA-MINI-W
d: 180 mm
h: 10.3 mm
typ. FWHM: 60°



VICTORIA-MINI-WWW
d: 180 mm
h: 10.3 mm
typ. FWHM: 90°

STRADA-2X2 for 5050

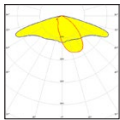
Lenses optimized
for flat 5050 size
LED packages

Street lighting

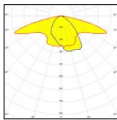


- Expands the LEDiL original industry standard STRADA-2X2 family
- Consistent high performing optics for flat 5050 LED packages
- Fulfills the requirements for both illuminance and luminance-based roads all around the world

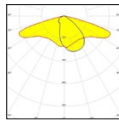
Compatibility:
Flat 5050 size LED packages



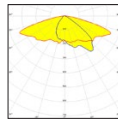
STRADA-2X2-5050-T2-C
d: 50 x 50 mm
h: 7 mm
typ. FWHM: asymm.



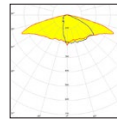
STRADA-2X2-5050-T2-C2
d: 50 x 50 mm
h: 7.4 mm
typ. FWHM: asymm.



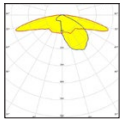
STRADA-2X2-5050-T2-C3
d: 50 x 50 mm
h: 9.7 mm
typ. FWHM: asymm.



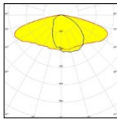
STRADA-2X2-5050-T2-M
d: 50 x 50 mm
h: 7.2 mm
typ. FWHM: asymm.



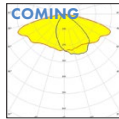
STRADA-2X2-5050-T3-M
d: 50 x 50 mm
h: 7.3 mm
typ. FWHM: asymm.



STRADA-2X2-5050-SCL
d: 50 x 50 mm
h: 7.06 mm
typ. FWHM: asymm.



STRADA-2X2-5050-DWC
d: 50 x 50 mm
h: 7.49 mm
typ. FWHM: asymm.



STRADA-2X2-5050-LN1
d: 50 x 50 mm
h: 7.49 mm
typ. FWHM: asymm.



STRADA-2X2-5050-LW1
d: 50 x 50 mm
h: 7.49 mm
typ. FWHM: asymm.

STRADELLA-IP-64

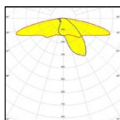
Ingress protected
mid-power array
with 64 lenses for
area lighting

Industrial lighting
Area lighting
Walkways, sidewalks

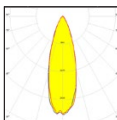


- Cost efficient solution providing up to 9000 lm from one module (LM302Z+, 142 lm @150 mA)
- Industrial lighting optimized beams for different height installations and aisle lighting

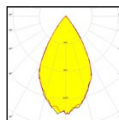
Compatibility:
Optimized for 3030 size mid-power LEDs. Boards by Signify, Osram, Tridonic, Seoul and many others.



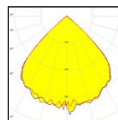
STRADELLA-IP-64-T2-PC
d: 253 x 74 mm
h: 9.2 mm
typ. FWHM: asymm.



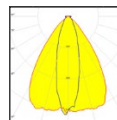
STRADELLA-IP-64-HB-S
d: 253 x 74 mm
h: 9.2 mm
typ. FWHM: 30°



STRADELLA-IP-64-HB-M
d: 253 x 74 mm
h: 9.2 mm
typ. FWHM: 60°



STRADELLA-IP-64-HB-W
d: 253 x 74 mm
h: 9.2 mm
typ. FWHM: 90°



STRADELLA-IP-64-HB-O
d: 253 x 74 mm
h: 9.2 mm
typ. FWHM: 30 + 60°

LEDiL

perfecting light

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