



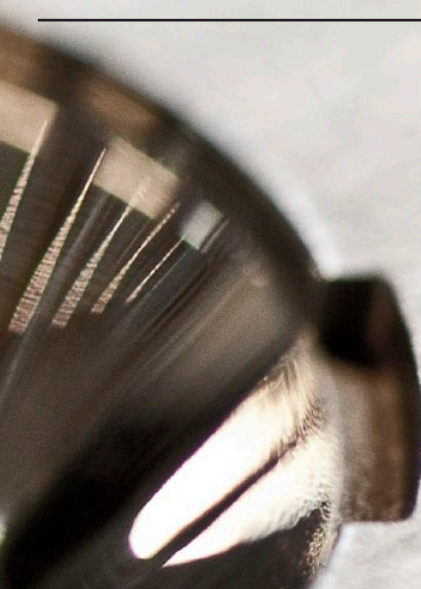
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Ledil Globally

Local sales and technical support available in following countries
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Q2/2012

REFLECTORS



BRIDGET / LILY / CINDY
D= 22.2 MM
METALLIZED PC

CITIZEN CL-L230
C10982_CINDY-S
C10983_CINDY-M
C10984_CINDY-W

CITIZEN CL-L251
C10859_CINDY-S
C10980_CINDY-M
C10981_CINDY-W



TYRA3
D= 40 MM
METALLIZED PC

CITIZEN CL-230
C12358_TYRA3-W
C12359_TYRA3-WW



BROOKE-SCR
D= 45 MM
METALLIZED PC

CITIZEN CL-L330 / CLL030
C12083_BROOKE-SCR-M
C12084_BROOKE-SCR-W

CITIZEN CL-L230
CP12351_BROOKE-SCR-M
CP12352_BROOKE-SCR-W



BROOKE (MOLEX)
D= 45 MM
METALLIZED PC

CITIZEN CL-L330
C12119_BROOKE-M
C12120_BROOKE-W



MIRELLA
D= 50 MM
METALLIZED PC

**CITIZEN CLL010 / CLL020 /
CLL030**
C12476_MIRELLA-50-S
C12477_MIRELLA-50-M
C12478_MIRELLA-50-W
CN12483_MIRELLA-50-S-DL
CN12484_MIRELLA-50-M-DL
CN12485_MIRELLA-50-W-DL



BARBARA
D= 70 MM
METALLIZED PC

CITIZEN CL-L330
C11552_BARBARA-S
C11553_BARBARA-W
C12461_BARBARA-WW



LENINA
D= 74 MM
METALLIZED PC

CITIZEN CL-L340
CN12650_LENINA-S
CN12651_LENINA-M
CN12652_LENINA-W
CN12653_LENINA-S-DL
CN12654_LENINA-M-DL
CN12655_LENINA-W-DL

CITIZEN CLL030
CN12700_LENINA-S
CN12701_LENINA-M
CN12702_LENINA-W
CN12703_LENINA-S-DL
CN12704_LENINA-M-DL
CN12705_LENINA-W-DL

CITIZEN CLL040
CN12706_LENINA-S
CN12707_LENINA-M
CN12708_LENINA-W
CN12709_LENINA-S-DL
CN12710_LENINA-M-DL
CN12711_LENINA-W-DL

REFLECTORS & SINGLE LENSES



LENA
D= 111 MM
METALLIZED PC

CITIZEN CL-L340

CN12101_LENA-S
CN12112_LENA-S-DL
CN12161_LENA-M
CN12166_LENA-M-DL
CN12102_LENA-W
CN12113_LENA-W-DL

CITIZEN CLL030

CN12712_LENA-S
CN12713_LENA-M
CN12714_LENA-W
CN12718_LENA-S-DL
CN12719_LENA-M-DL
CN12720_LENA-W-DL

CITIZEN CLL040

CN12715_LENA-S
CN12716_LENA-M
CN12717_LENA-W
CN12721_LENA-S-DL
CN12722_LENA-M-DL
CN12723_LENA-W-DL



LENA
D= 111 MM
METALLIZED PC

CITIZEN CL-340

CN12367_LENA-FRESNEL



TINA2
D= 16.1 MM
PMMA

CITIZEN CL-L400

CA12399_TINA2-RS
CA12400_TINA2-D
CA12401_TINA2-M
CA12404_TINA2-O
CA12402_TINA2-W
CA12403_TINA2-WW



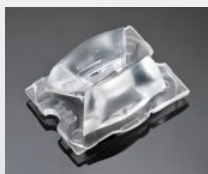
TINA3
D= 16.1 MM
PMMA

CITIZEN CL-L400

FA11824_TINA3-W
FA11825_TINA3-WW
FA11826_TINA3-WWW
FA11870-TINA3-OO



STREET LIGHTING



STRADA-DW
15.4 MM X 19.6 MM
PMMA

CITIZEN CL-L400
C11242_STRADA-DW
CA11243_STRADA-DW



STRADA-DN
15.4 MM X 19.6 MM
PMMA

CITIZEN CL-L400
C11244_STRADA-DN
CA11245_STRADA-DN



STRADA-C
15.4 MM X 19.6 MM
PMMA

CITIZEN CL-L400
C11277_STRADA-C
CA11348_STRADA-C

Learn more about STRADA optics at

http://www.ledil.com/sites/default/files/Documents/Application%20notes/Strada_lens_guide.pdf



BEAM ANGLE RANGE (FWHM)

Spot (RS, SS, S)	3-18 degrees
Medium (D, M, M2)	19 - 35 degrees
Wide (W, W2)	36 - 45 degrees
Extra Wide (WW)	46 - 63 degrees
WWW	64 -> degrees
O	Oval
REC	Rectangular

PREFIXES

F = FI / optic or holder

FA = FI / assembled optic+holder / tape

FN = FI / unassembled optic+holder / no tape

FX = FI / unassembled optic+holder / tape

FP = FI / assembled optic+holder/no tape

FCA = FI / assembled optic+holder / tape

FCN = FI / unassembled optic+holder / no tape

FCX = FI / unassembled optic+holder / tape

FI = Finland, Country of Origin

C = CN / optic or holder

CA = CN / assembled optic+holder / tape

CN = CN / unassembled optic+holder / no tape

CX = CN / unassembled optic+holder / tape

CP = CN / assembled optic+holder / no tape

CN = China, Country of Origin

Qualification of LEDs with our optics occurs every day, please visit www.ledil.com for the latest information. Contact sales@ledil.com if you do not see an optic qualified for your LED of choice.





Our Company

The only true specialist in the field of secondary optics for high-power and lighting-class LEDs, LEDiL has been producing precision-engineered optics and reflectors since 2002 and now boasts nearly 1000 standard products optimized for use with LEDs produced by the world's prominent LED manufacturers.

Custom solutions are also commonly developed with minimal end-user tooling investment required. With production in Finland and China and a global network of authorized distributors, LEDiL's products are market-competitive and readily available.



Quality

Innovative and skillful designers engineer quality into every LEDiL optic. All our lenses are produced by a unique injection molding process, which ensures high optical quality, performance, lifetime and functionality. Our optics can work in extreme conditions.