LEDiL

PATENT PENDING

MOLLY

Indoor lighting optics for up to 19 mm COBs

MOLLY is LEDiL's new cutting-edge optical lens design that benefits from bigger size COBs. The rugged PMMA construction locks straight into sockets and connectors with no need for extra holders. Uniform illuminance with flat top peak, no spill light and perfect design for cylinder type track lights makes MOLLY an excellent choice for professional indoor lighting.

FEATURES

- PMMA optics with rugged fastening mechanism, no holder needed
- Uniform illuminance with flat top peak and no spill light
- Compatible with numerous clamps and connectors on the market
- Three different beam solutions available (Spot, Medium, Wide)
- Quick bayonet fastening
- Easy integration with cylinder type track luminaires
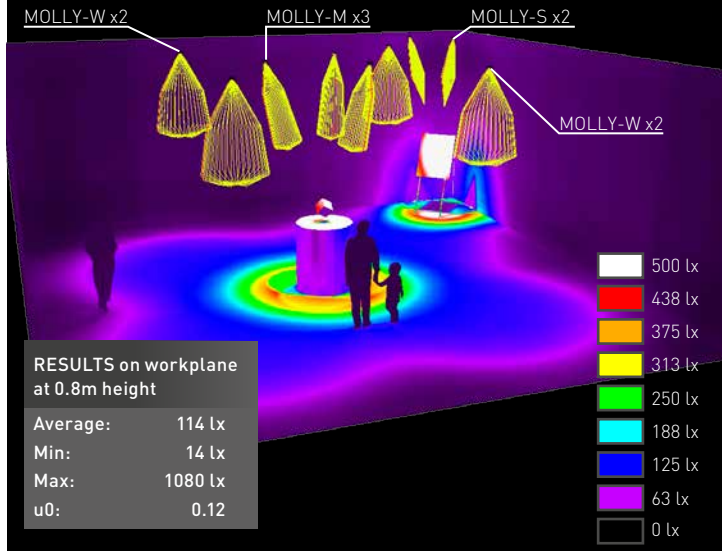- Diameter: 69.8 mm

TYPICAL APPLICATIONS

- Indoor lighting
- Track lighting

DESIGN EXAMPLE

Gallery lighting: MOLLY-S and -M to create contrasts on object surfaces and MOLLY-W for general lighting

Mounting height height:	4m
Room size:	10x10 m
Spotlight optics with different power to create contrast on object	
Luminous flux (LEDs):	2000 lm
Luminous flux (MOLLY-S):	857 x1 and 1714 lm x1
Luminous flux (MOLLY-M):	867 x2 and 1734 lm x1
Luminous flux (MOLLY-W):	1733 lm x4
Power (Luminaire):	9 or 18 W
Maintenance factor:	0.8

MOLLY-W x2   MOLLY-M x3   MOLLY-S x2

MOLLY-W x2

RESULTS on workplane at 0.8m height

Average:	114 lx
Min:	14 lx
Max:	1080 lx
u0:	0.12

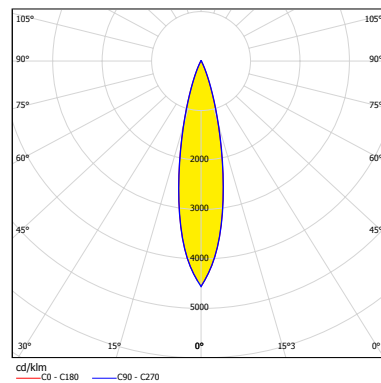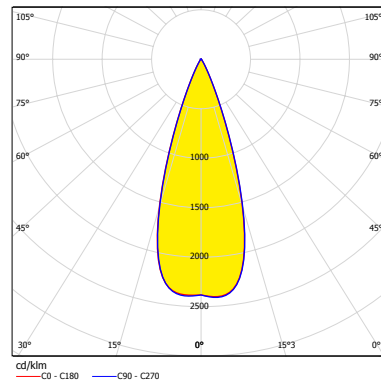|	
500 lx	
438 lx	
375 lx	
313 lx	
250 lx	
188 lx	
125 lx	
63 lx	
0 lx	

COMPATIBILITY

• Optimized for 14.5 mm LES and compatible up to 19 mm LES

• Compatible with LEDiL's C13658_CLAMP-VERO13-18, C14123_CLAMP-CXA15-18, C14036_CLAMP-CXA25-30

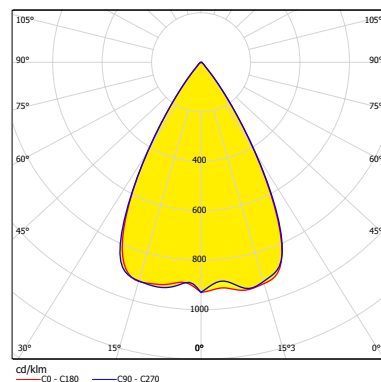• Can be used with 3rd party 3-hook fastening solutions

MOLLY-S

• Diameter: 69.8 mm

• Height: 24,9 mm

• Typical FWHM: 25˚

• Typical efficiency: 87%

MOLLY-M

• Diameter 69,8 mm

• Height: 23,6 mm

• Typical FWHM: 37˚

• Typical efficiency: 89%

MOLLY-W

• Diameter: 69,8 mm

• Height: 22,1 mm

• Typical FWHM: 60˚

• Typical efficiency: 89%

ORDERING INFORMATION

Consult **www.ledil.com/molly** for ordering codes and latest product specifications, which may vary by LED.