

HELENA — Shining Bright Like a Diamond

The New Fresnel lens from Ledil – HELENA - is an excellent example of our precision engineering. The tool has been engineered to exacting standards using Diamond turning methods. This production method produces some of the highest quality optics in the world and allows Ledil to manufacture to an accuracy of a hundredth of a millimetre, thus giving great control of the light - turning light into lighting the LEDiL way. Helena is designed to work with Luxeon K series LEDs and it produces 22° beam angle. The Helena has been designed to sit very close to light source this allowing compact fixture design.

There are 2 variants - the HELENA-A is designed for a maximum intensity peak, giving good on axis candela values. HELENA-B is manufactured with some pillow texturing on the top side of the lense to widen and smooth the light fractionally.



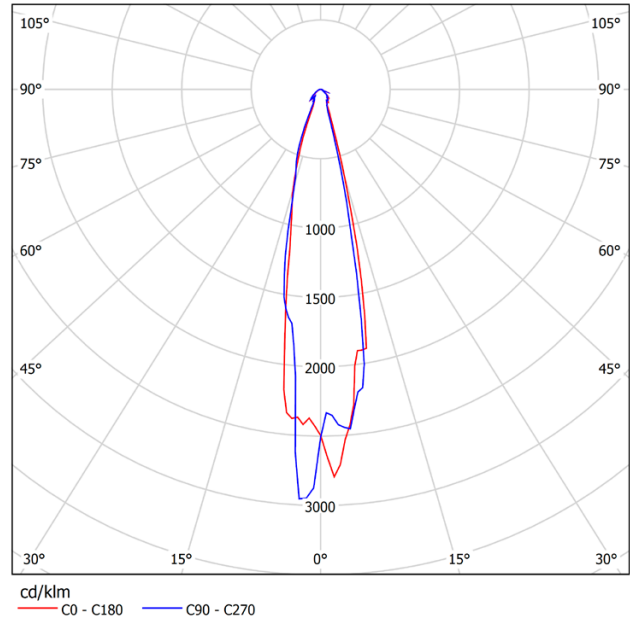
C12622_HELENA-A

D: 72,8 mm H: 11 mm

TECHNICAL SPECIFICATIONS

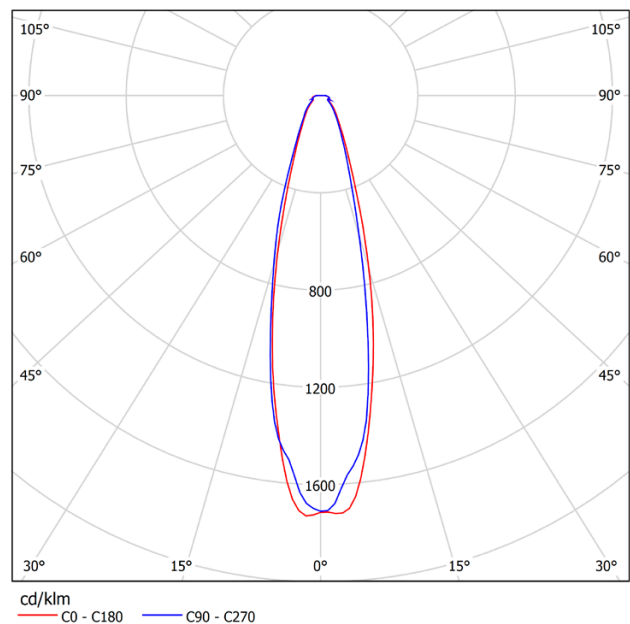
C12622_HELENA-A

- Diameter: 72,8 mm
- Height: 11 mm
- Mould surfaces are diamond turned to replicate original designed geometry to the highest precision standards
- A-version has clear surfaces and efficient fresnel-design for maximum intensity peak when color shifting is not an issue
- Material: PC
- Typical applications: Stage lighting, indoor architectural and other applications where maximum intensity of the light source is critical.

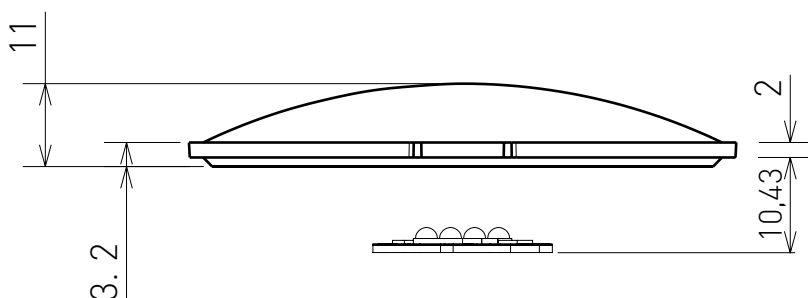


C13254_HELENA-B

- Diameter: 72,8 mm
- Height: 11 mm
- Pillow surfaced front face for uniform color rendition
- Material: PC
- Typical applications: Indoor architectural, flat luminaire designs, stage lighting, retail lighting



LED POSITIONING



Front view