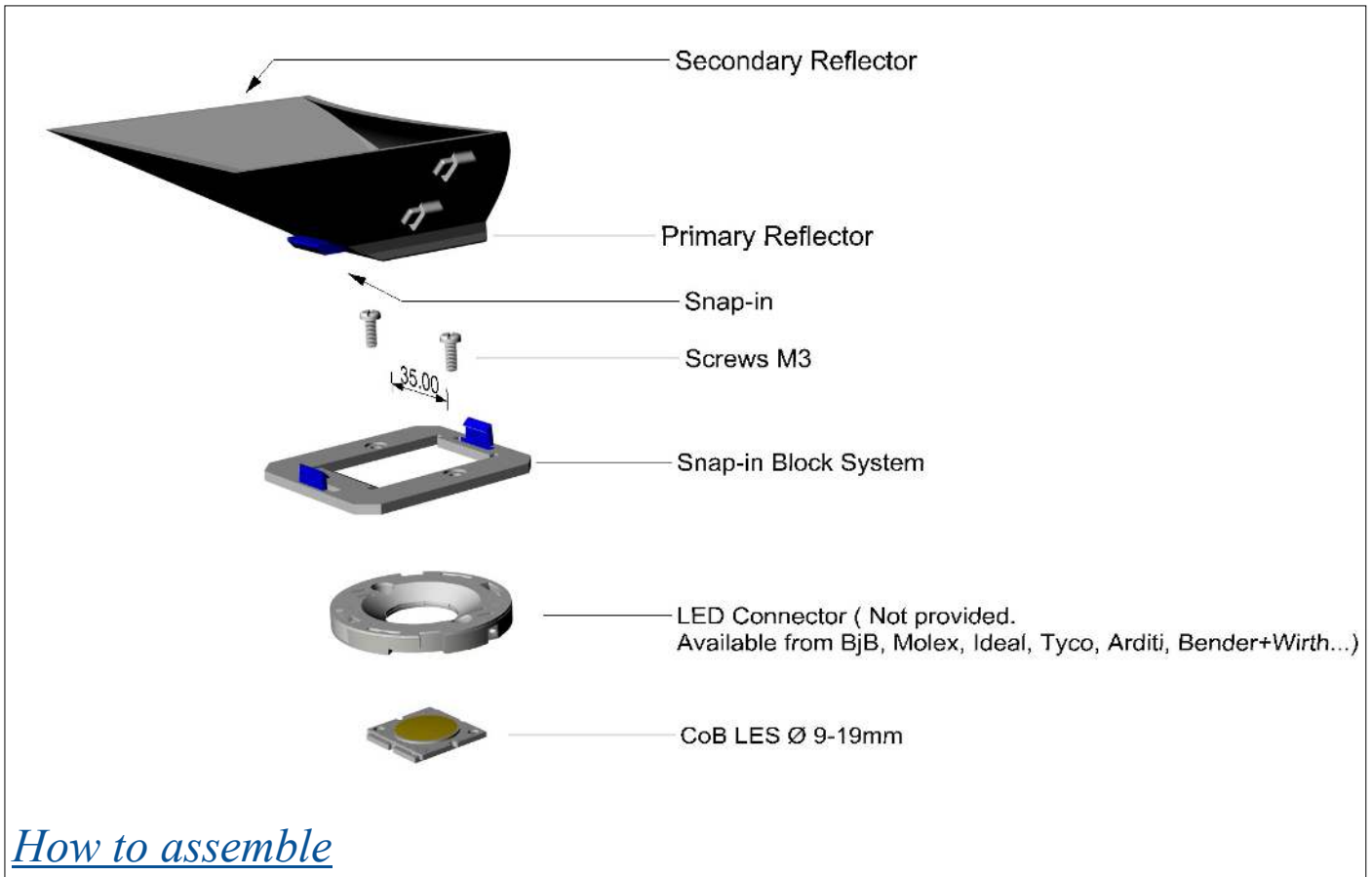
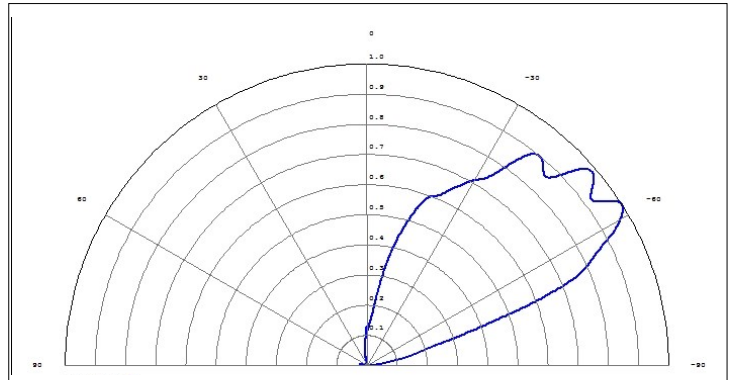


KCLP1799ST - Asymmetrical Beam Angle

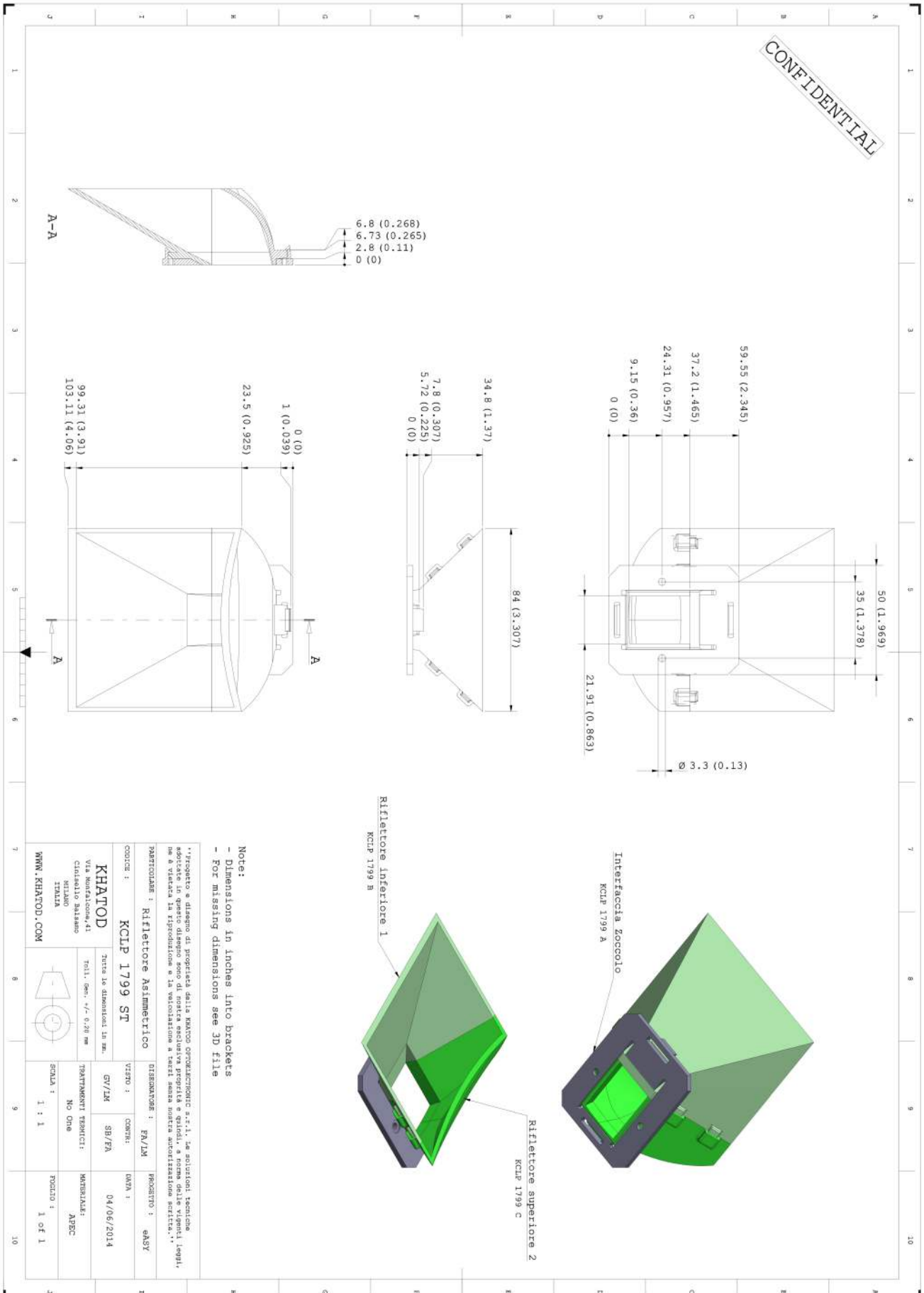


- Material = APEC + Reflector Coating
- Full angle at 50% : ~ 30°x55°
- Full angle at 10% : ~ 80°-135°
- The light spots here represented refer to tests carried out with CoB LEDs @ 1000lm

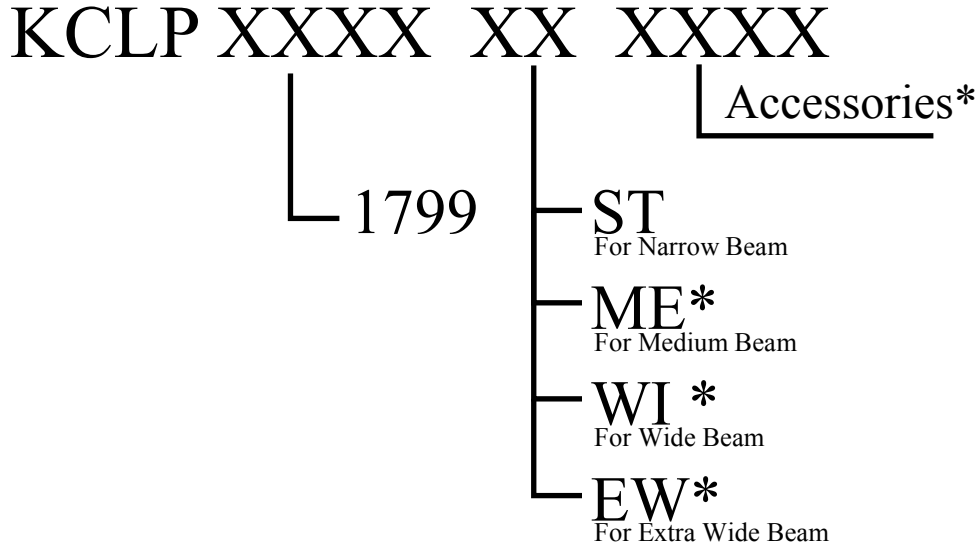


How to assemble

2. Drawing



2. How to Order



* Coming Soon

2. How to order : Examples

1 - 50mm Diameter, Narrow Beam

KCLP 1799 ST

2 - 50mm Diameter, Medium Beam* (coming soon):

KCLP 1799 ME

3 - 50mm Diameter, Wide Beam* (coming soon):

KCLP 1799 WI

4 - 50mm Diameter, Extra Wide Beam* (coming soon):

KCLP 1799 EW

2. Materials

Material	Top	Tstg
PC APEC + Aluminium Coating with protective Clear Coat	-40°...170°C	-40°...170°C

Notes:

- Intensity (I) and illuminance (E) data are normalized by 1000 lm
- The optical values shown are the result of optical simulations carried out with ASAP and ZEMAX software systems. The optical simulations are carried out on the basis of the typical values provided in the LED manufacturers' official datasheets. The photometric analysis has been carried out on physical samples. On request, by supplying your PCB, we can provide the measurement photometric file.

Use and Maintenance

- DO NOT HANDLE OR INSTALL LENSES WITHOUT WEARING GLOVES, SKIN OILS MAY DAMAGE LENS OR LIGHT TRANSMISSION;
- CLEAN LENSES WITH MILD SOAP AND WATER AND A SOFT CLOTH;
- DO NOT USE ANY COMMERCIAL CLEANING SOLVENTS ON LENSES.

Disclaimer

Please note that flow lines and weld lines on the external surfaces of the lenses are acceptable if the optical performance of the lens is within the specifications.

Should you require further information, please contact Khatod for advice. All lens testing must be subject to identical conditions as per Khatod test condition. Khatod Optoelectronic, Milan, Italy, manufactures lenses for LEDs. Any other use of the lens shall void our liability and warranty. The lenses are an inert component to be used in the manufacture of

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