

## LO2 LENSES FOR OSRAM-OS DRAGON/DRAGON+ LEDs



- Specially designed for Osram-os Golden Dragon+ series of LEDs, but works well with Platinum Dragon LEDs too.
- Special care taken to make a uniform white or warm white illumination.
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.
- Please check fastening details from this link:  
([http://www.ledil.com/datasheets/DataSheet\\_TAPE.pdf](http://www.ledil.com/datasheets/DataSheet_TAPE.pdf))

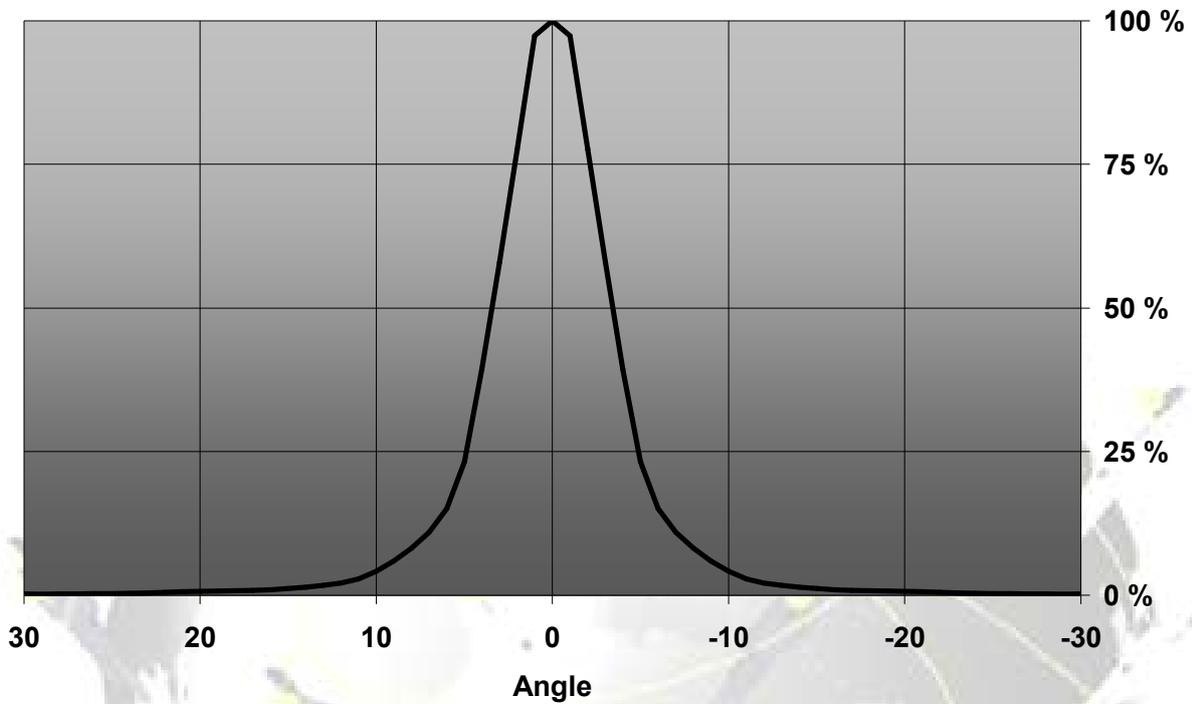
## LENS TYPES

| NAME            | ORDERING CODE    | FWHM Angle    |
|-----------------|------------------|---------------|
| LO2 REAL SPOT   | FA10751_LO2-RS   | ±3.5°         |
| LO2 DIFFUSER    | FA10753_LO2-D    | ±5.5°         |
| LO2 MEDIUM      | FA10750_LO2-M    | ±13°          |
| LO2 OVAL        | FA11135_LO2-O-90 | ±20.5° x ±6°  |
| LO2 RECTANGULAR | FA10752_LO2-REC  | ±19° x ±11.8° |
| LO2 WIDE        | CA11136_LO2-W    | ±22°          |

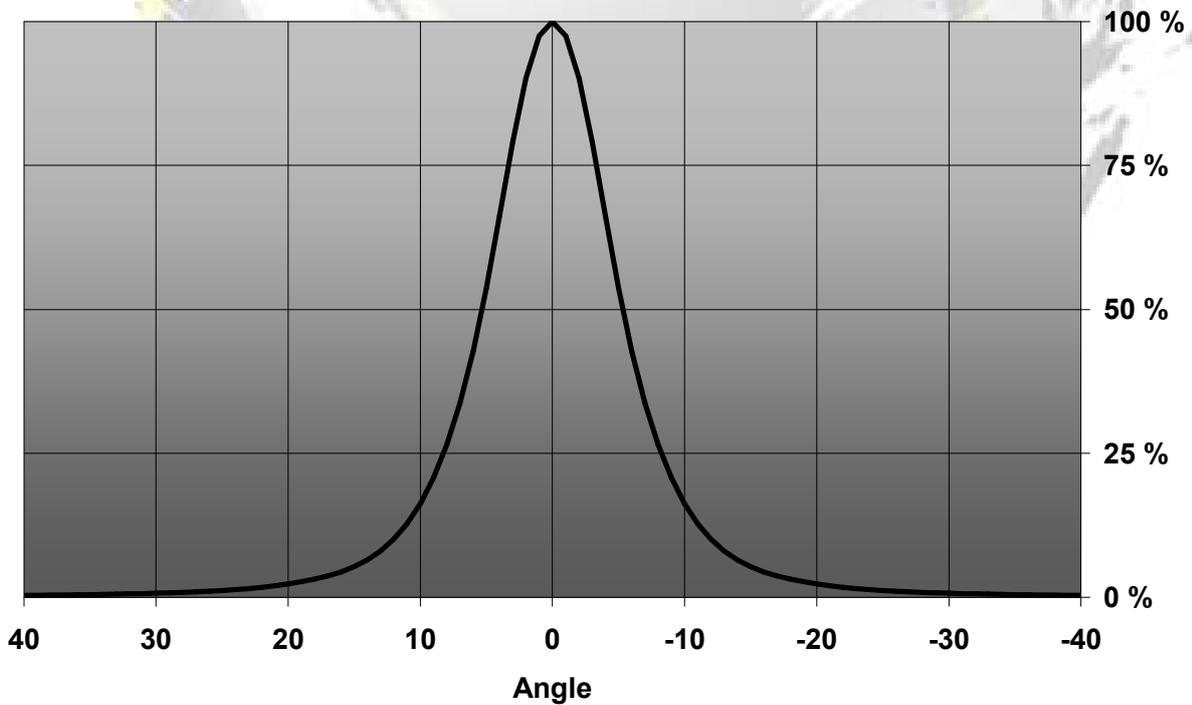
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## MEASUREMENT DATA

Relative Intensity of LO2-RS

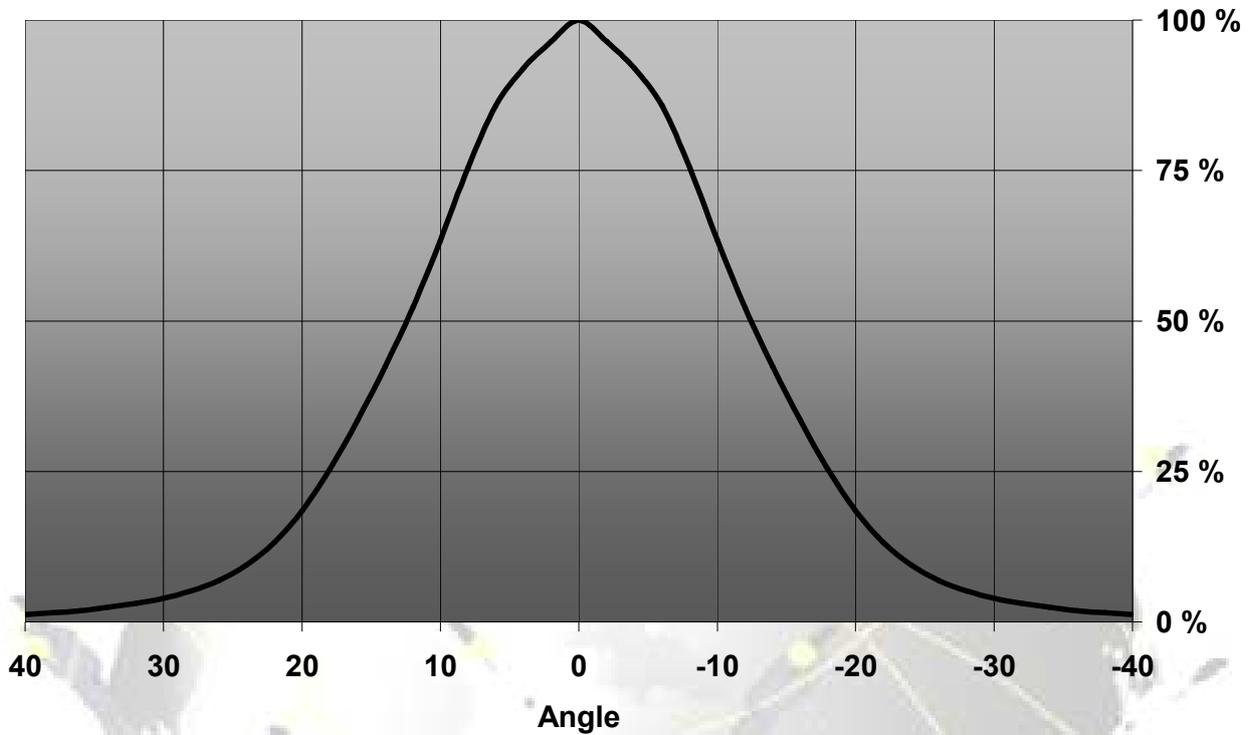


Relative Intensity of LO2-D

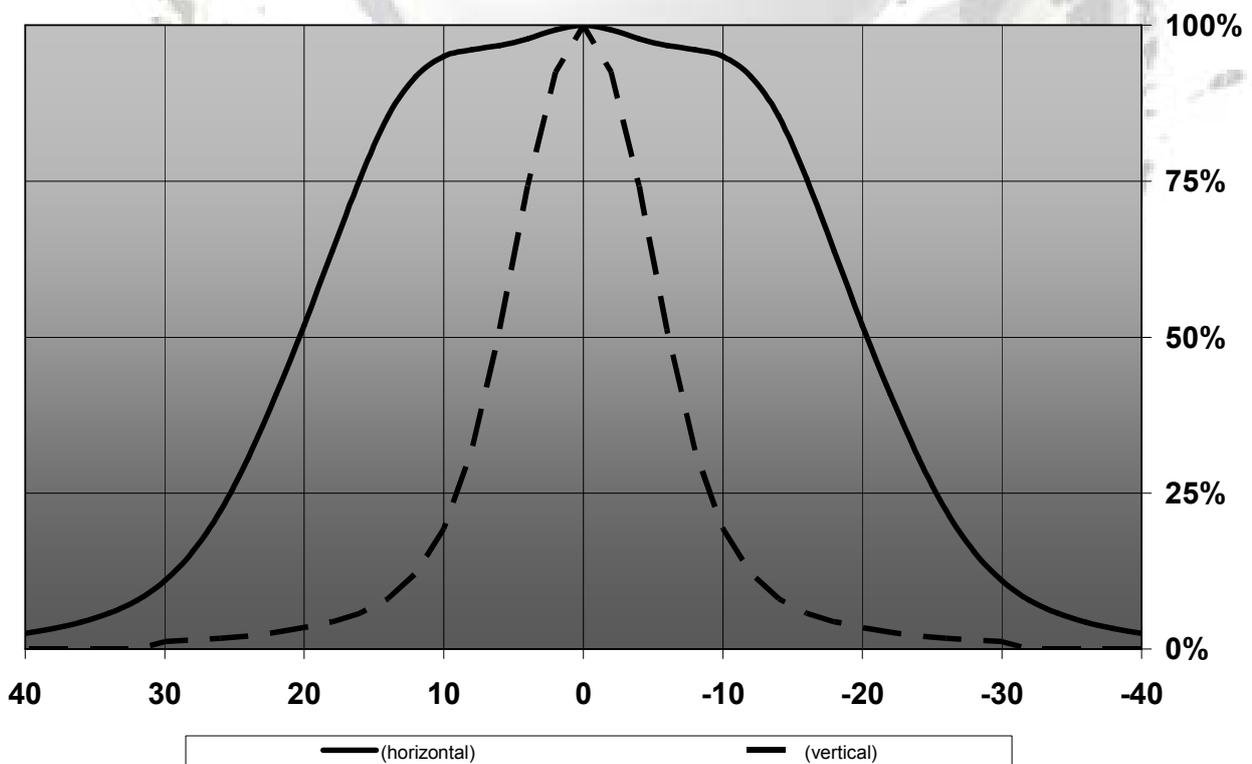


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Relative Intensity of LO2-M

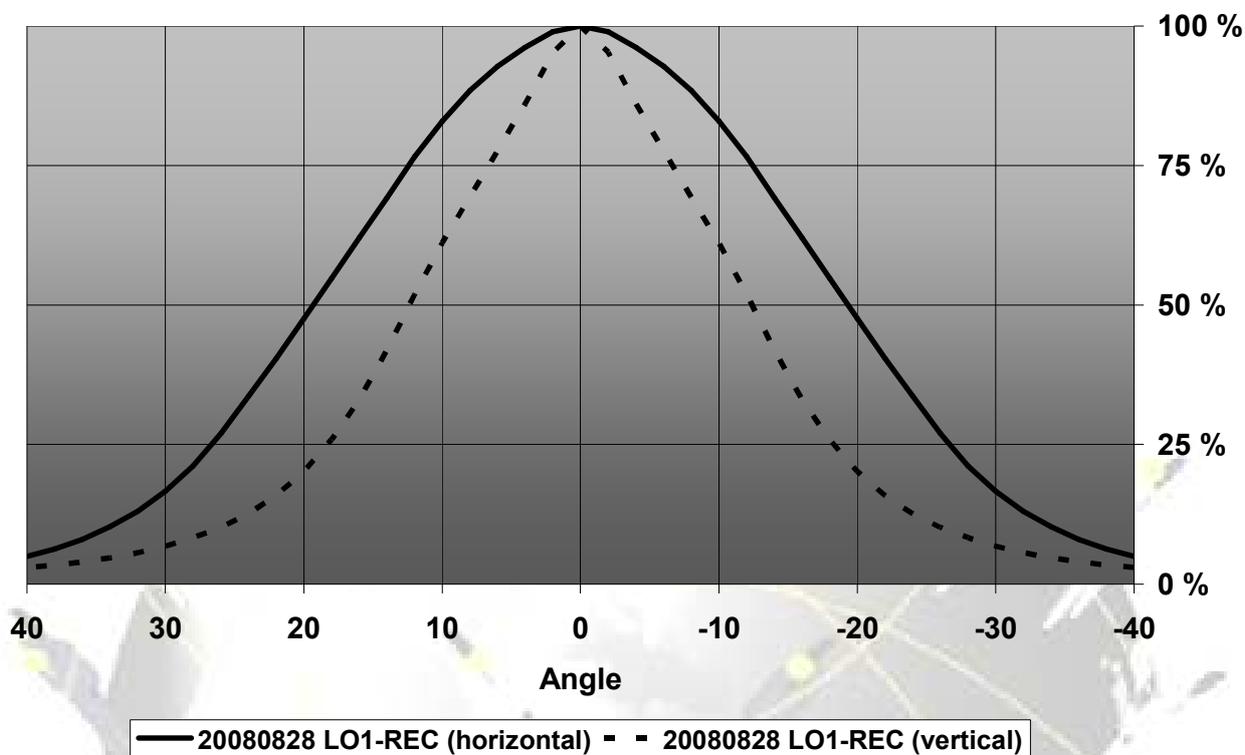


Relative Intensity of FA11135\_LO2-O-90

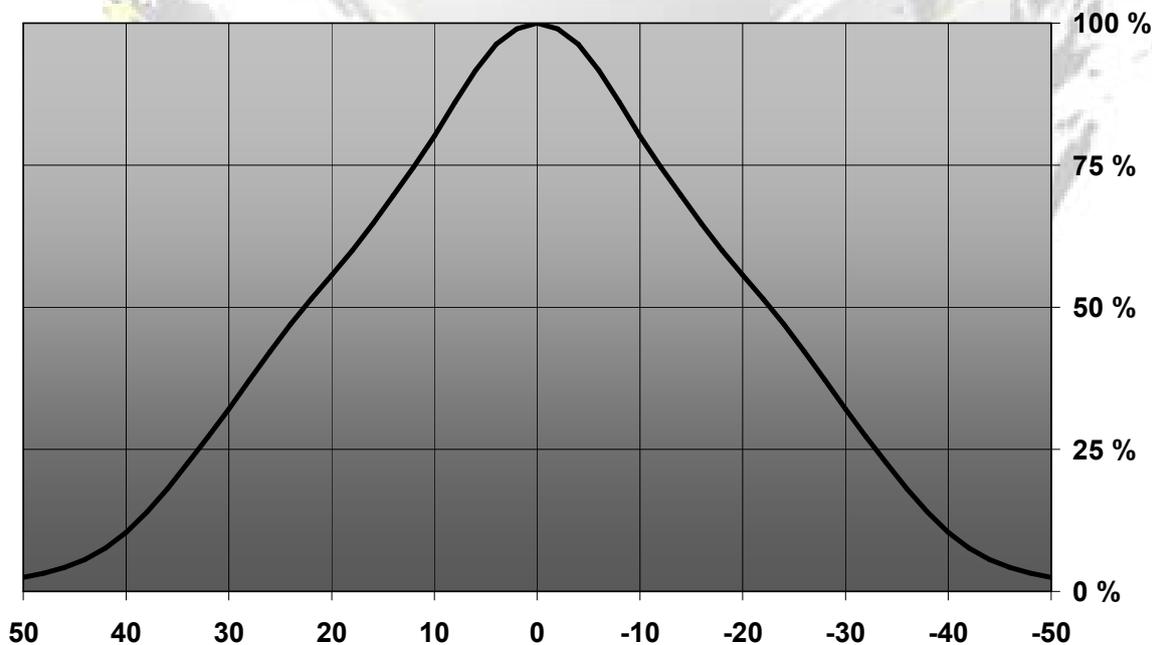


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Relative Intensity of LO2-REC

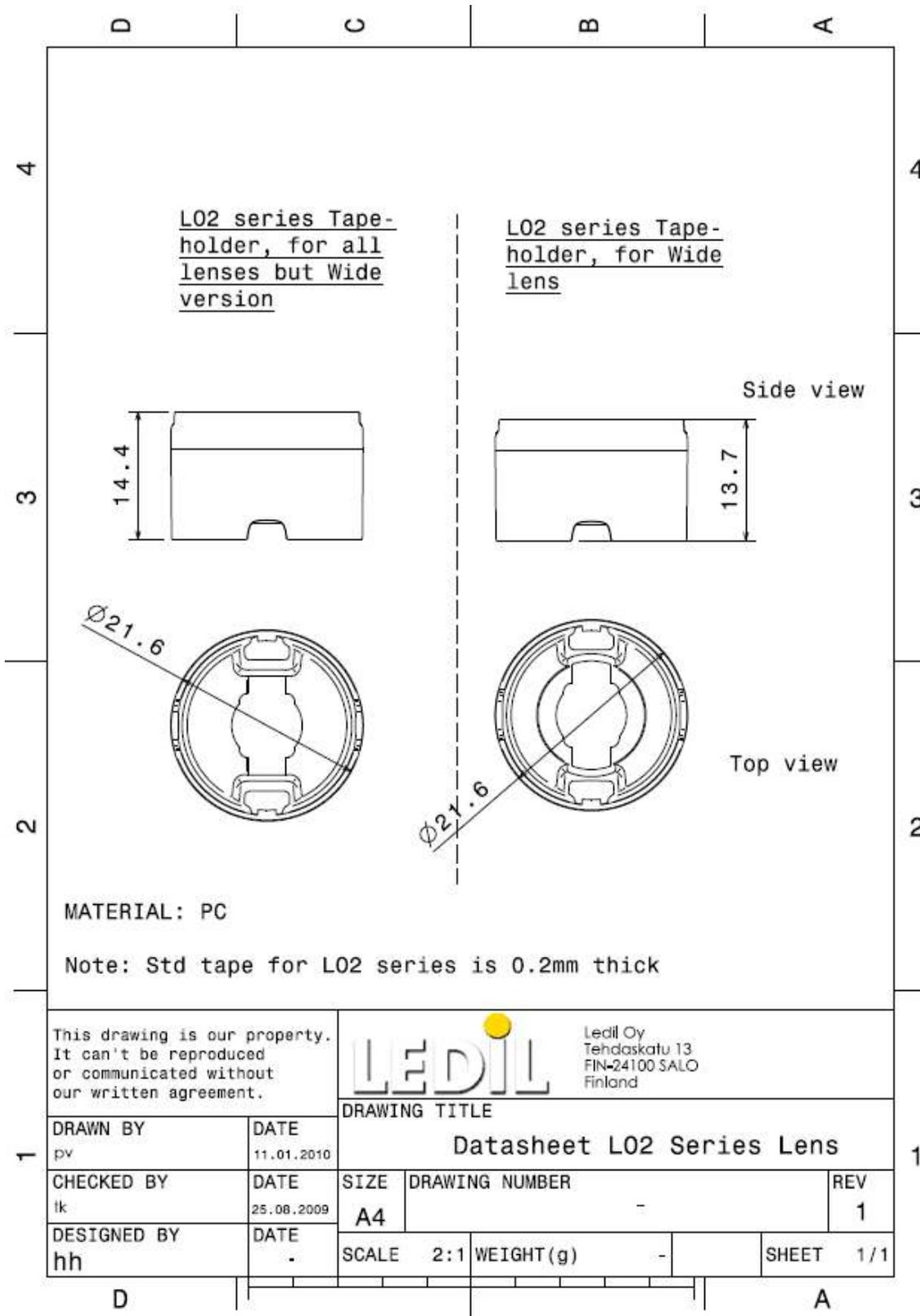


Relative Intensity of CA11136\_LO2-W



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## DRAWINGS



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# AMEYA360

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Welcome to visit [www.ameya360.com](http://www.ameya360.com)

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#### ➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

#### ➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype [ameyasales1](#) [ameyasales2](#)

#### ➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

#### ➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)