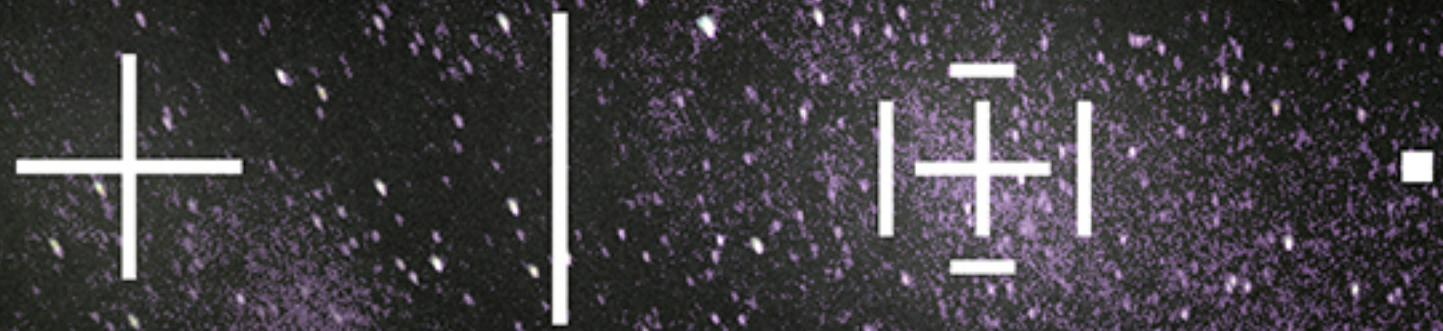


LED MODULE

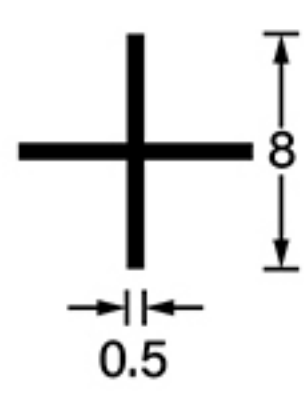
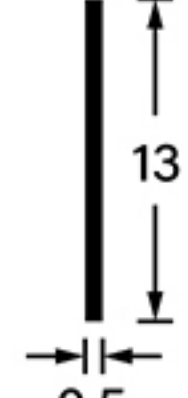
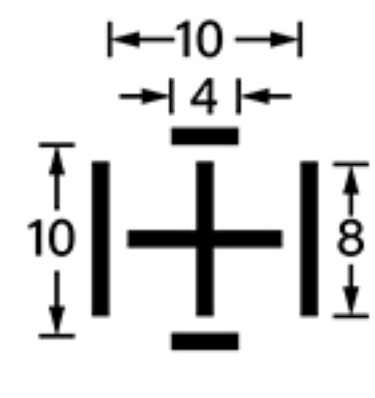
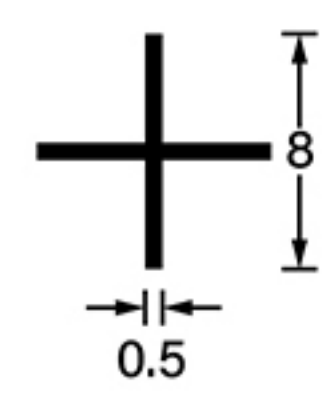

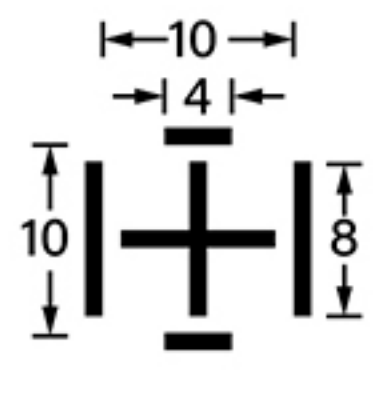
# LED MARKER

IE-5201LGO / IE-6201LGO

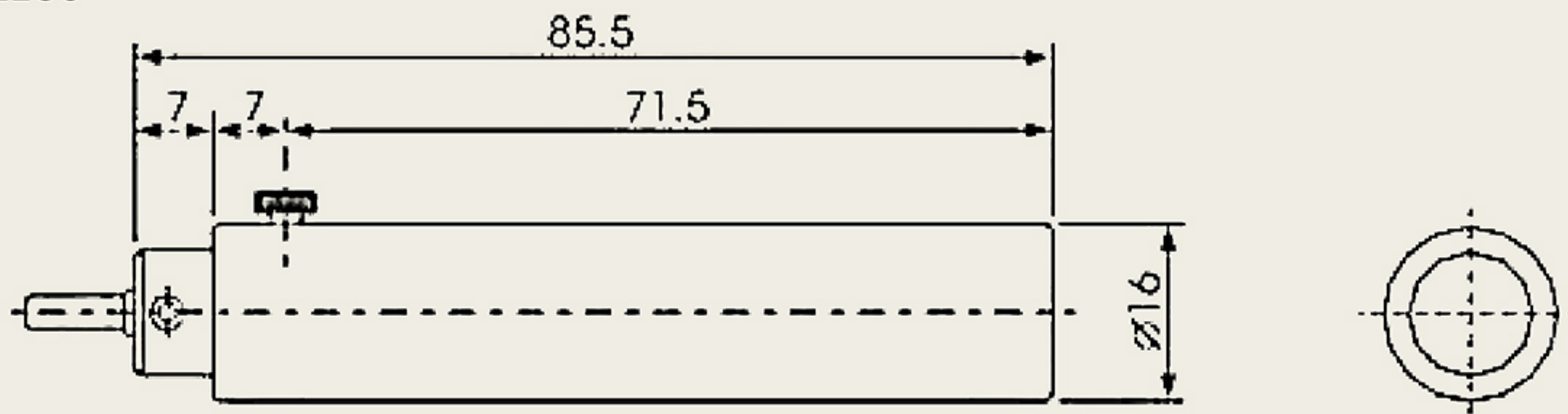




# SPECIFICATION

| MODEL                 | RED   |   |   | GREEN   |   |   |
|-----------------------|---|---|---|---|---|---|
|                       | IE-6201LGO  | IE-6201LGP  | IE-6201LGQ  | IE-5201LGO  | IE_5201LGP  | IE-5201LGQ  |
| Beam Pattern          |  |  |  |  |  |  |
| Wavelength (2d)       | 625 +5nm  |   |   | 525 + 5nm   |   |   |
| Projection Distance   | 110mm - 500mm   |   |   |   |   |   |
| Source of Light       | LED   |   |   |   |   |   |
| Operating Current     | 30mA  |   |   |   |   |   |
| Lifetime              | 100,000 hours (@RT  |   |   |   |   |   |
| Operating Voltage     | DC - 5V ± 5%  |   |   |   |   |   |
| Operating Temperature | -30°C ~ +80°C   |   |   |   |   |   |
| Focusing Mode         | Adjustable Mode   |   |   |   |   |   |
| Weight                | 40g   |   |   |   |   |   |

• IE-6201LGO



Remarks

Line Width can change depending on the environment.  
For AC power, use the adapter for AC power only available at LUNA

Input Voltage: AC 100V ~ 250V, 47 ~ 63Hz  
Output Voltage: DC 5V, 2.0A

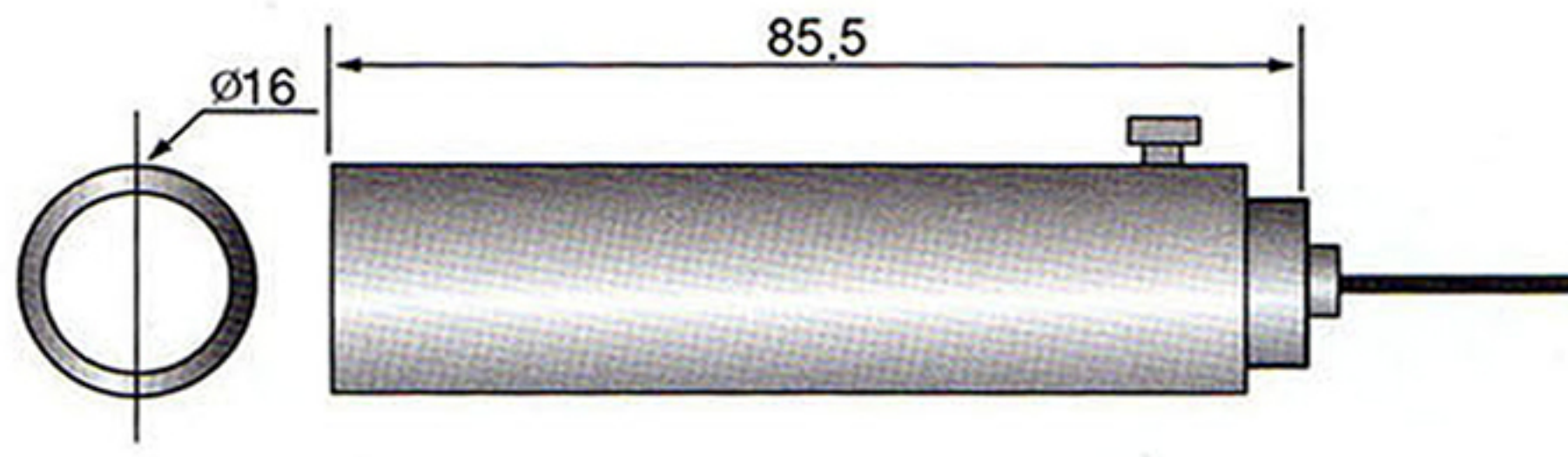
## WARNING

1. Please use the voltage within the designated range. Avoid turning ON and OFF the Product during a short.
2. Period of time since it can cause damage to the Product. This Product is not water-resistant. Be careful not to expose the Product to moisture.
3. LEDs are very sensitive to the change in the temperature. Usage under low temperature is recommended for longer use.
4. Noise filter must be used when the motor solenoid is directly linked to the power.
5. Authorization of noise or voltage surge can destroy the laser diode and lead to the lighting failure. This Product is a very precise optical instrument. Be careful not to drop it. Severe shock to the Product can cause malfunction.
6. Do not disassemble, repair or rebuild the Product at your own discretion. After sales services are not available in the case of arbitrary disassembly, repair or rebuilding.

For improvement of the Product the design and specifications are subject to change without prior notice.

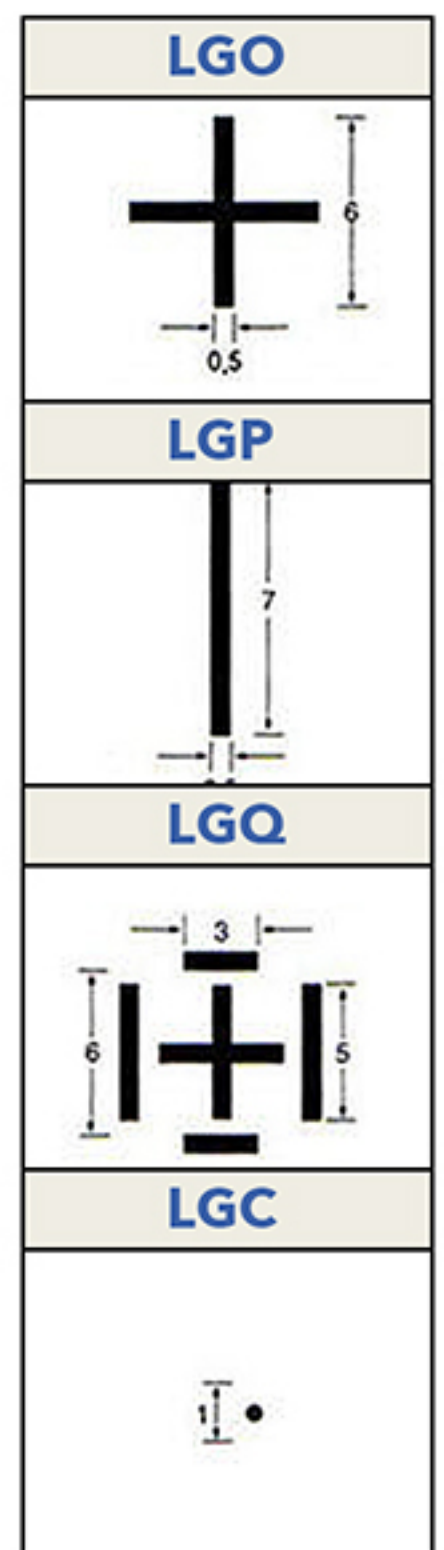






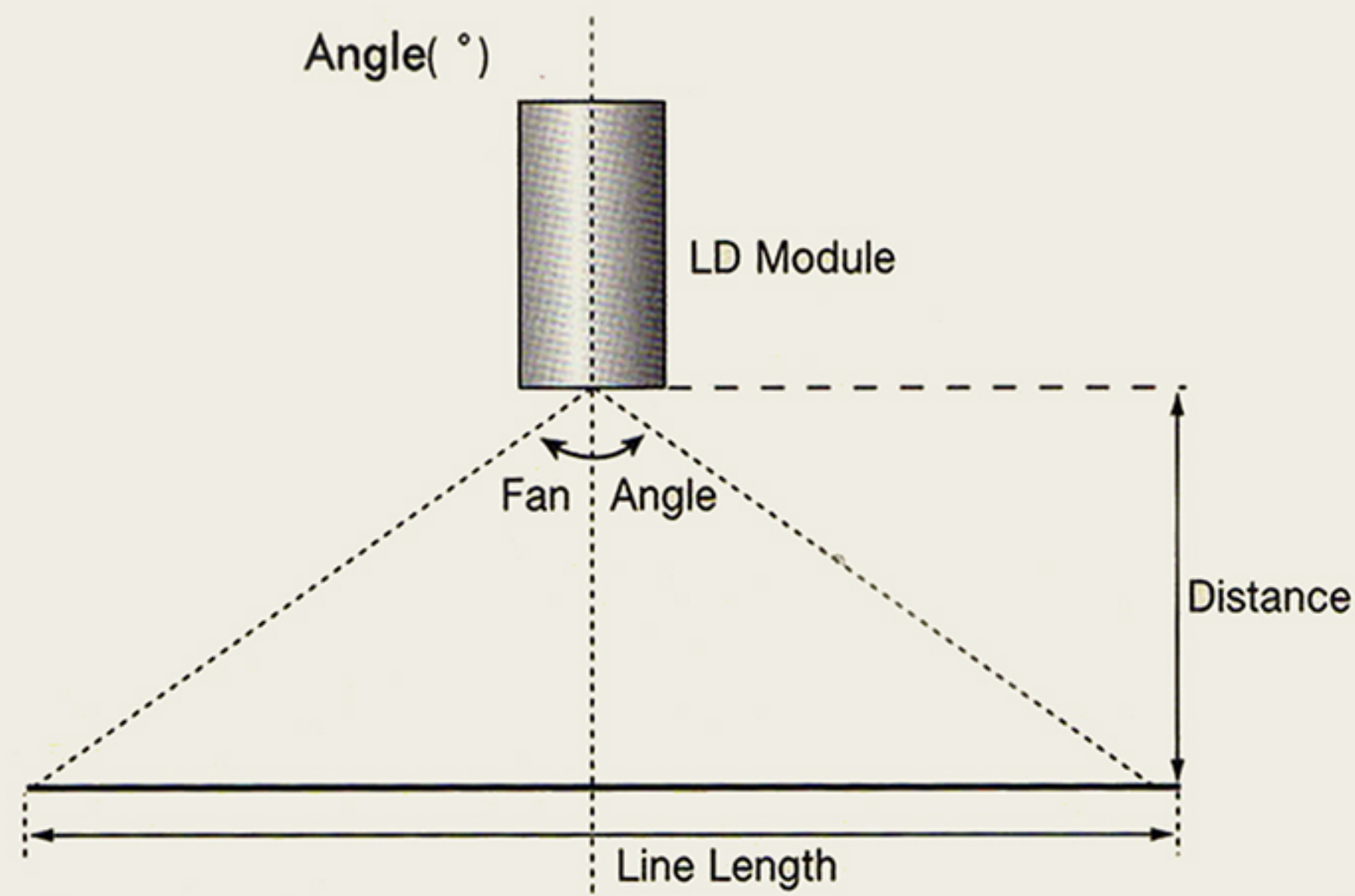
### FEATURE

- Compact Structure
- Green, Red, White LED Lamp
- Focusing Available
- Working Distance 112 - 500mm
- Black Anodized Aluminum Housing



| SPECIFICATION             |                     |                     |                  |
|---------------------------|---------------------|---------------------|------------------|
| Model                     | 5201LGO/LGP/LGQ/LGC | 6201LGO/LGP/LGO/LGC | LWGO/LGP/LGO/LGC |
| Color                     | Green               | Red                 | White            |
| Projection Distance mm    | 112 ~ 500           |                     |                  |
| Source of Light           | LED Lamp            |                     |                  |
| Operating Voltage(VDC)    | 5                   |                     |                  |
| Operating Current(mA)     | 30                  |                     |                  |
| Operating Temperature(°C) | -30 ~ +60           |                     |                  |
| Focusing Mode             | Adjustable          |                     |                  |
| Life time                 | 30,000 hr           |                     |                  |

## Working Distance vs Line Length (Applied to Line and Cross Laser)



| Angle( °) | Symbol | Distance |      |      |      |      |      |      |
|-----------|--------|----------|------|------|------|------|------|------|
|           |        | 0.1m     | 0.3m | 0.5m | 1m   | 1.5m | 2m   | 3m   |
| 5         |        | 0.01     | 0.03 | 0.04 | 0.09 | 0.13 | 0.17 | 0.26 |
| 15        | 1D     | 0.03     | 0.08 | 0.13 | 0.26 | 0.39 | 0.53 | 0.79 |
| 30        | 3D     | 0.05     | 0.16 | 0.27 | 0.54 | 0.8  | 1.1  | 1.6  |
| 45        | 4D     | 0.08     | 0.25 | 0.41 | 0.83 | 1.24 | 1.7  | 2.5  |
| 60        | 6D     | 0.12     | 0.35 | 0.58 | 1.1  | 1.7  | 2.3  | 3.5  |
| 90        | 9D     | 0.2      | 0.6  | 1    | 2    | 3    | 4    | 6    |
| 120       | 12D    | 0.35     | 1    | 1.73 | 3.45 | 5.2  | 6.9  | 10.4 |

