

# IES Photometric Report 2inspire 300

Chroma-Q\_2inspire\_300\_Asymmetrical\_4800K\_Snoot&HoneycombLouver.IES



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Fixture Information

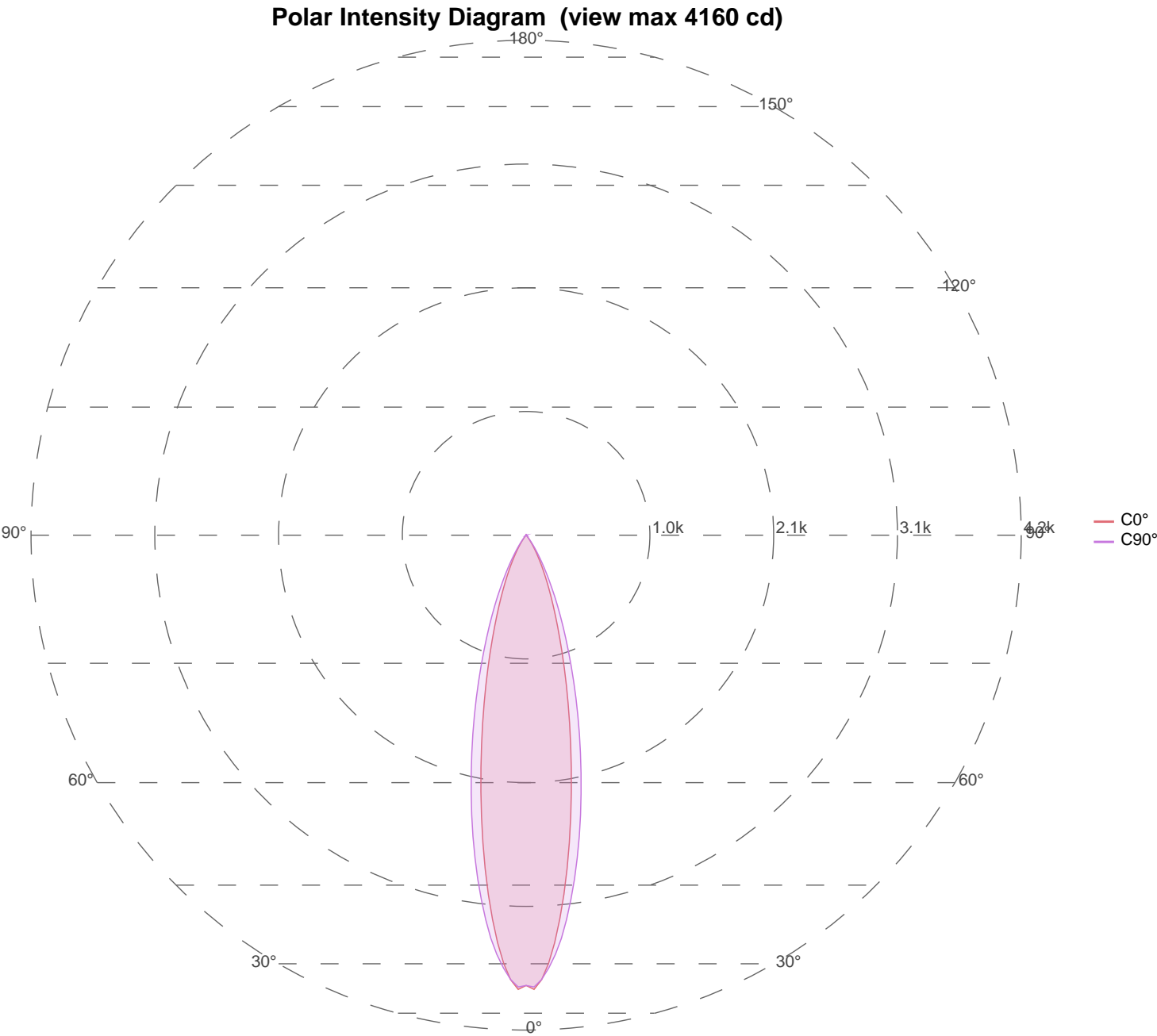
|                |  |                   |                         |
|----------------|--|-------------------|-------------------------|
| Manufacturer   | Chroma-Q                                 | Max Candela       | 3837.5 cd               |
| Luminaire      | LED Projector Luminaire at 4800K setting | Est. Total Lumens | 920 lm                  |
| Lamp           | LEDs                                     | Beam Angle (50%)  | 22.7°                   |
| Format         | IESNA:LM-63-2002                         | Field Angle (10%) | 49.7°                   |
| Wattage        | 53.9 W                                   | Phot. Type        | Type C (Vertical)       |
| Lumens/Lamp    | 921 lm                                   | Units             | Meters                  |
| Num Lamps      | 1  | W x L x H         | -0.120 x -0.120 x 0.000 |
| Ballast Factor | 1.000                                    |                   |                         |

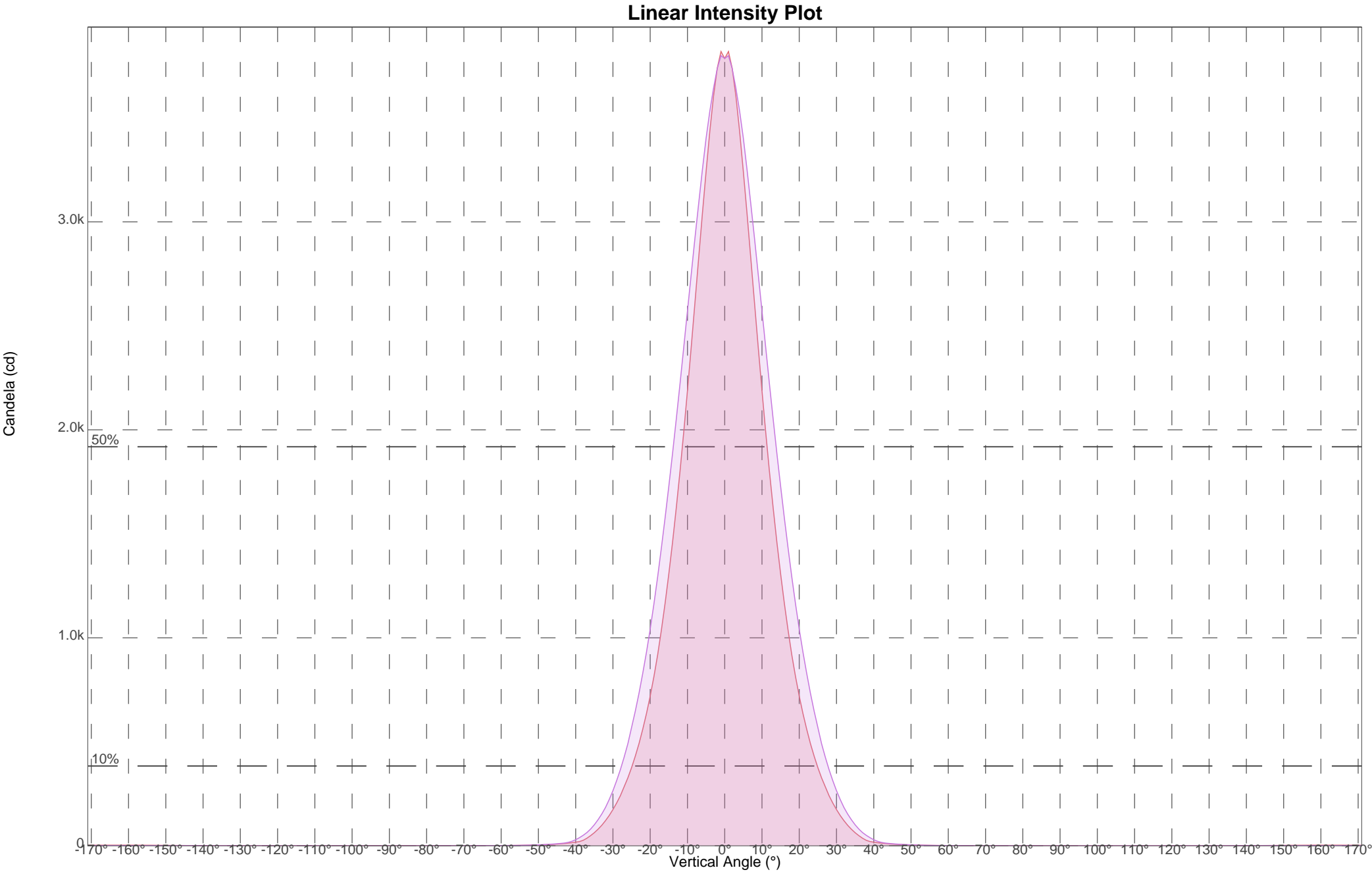
Photometric Data

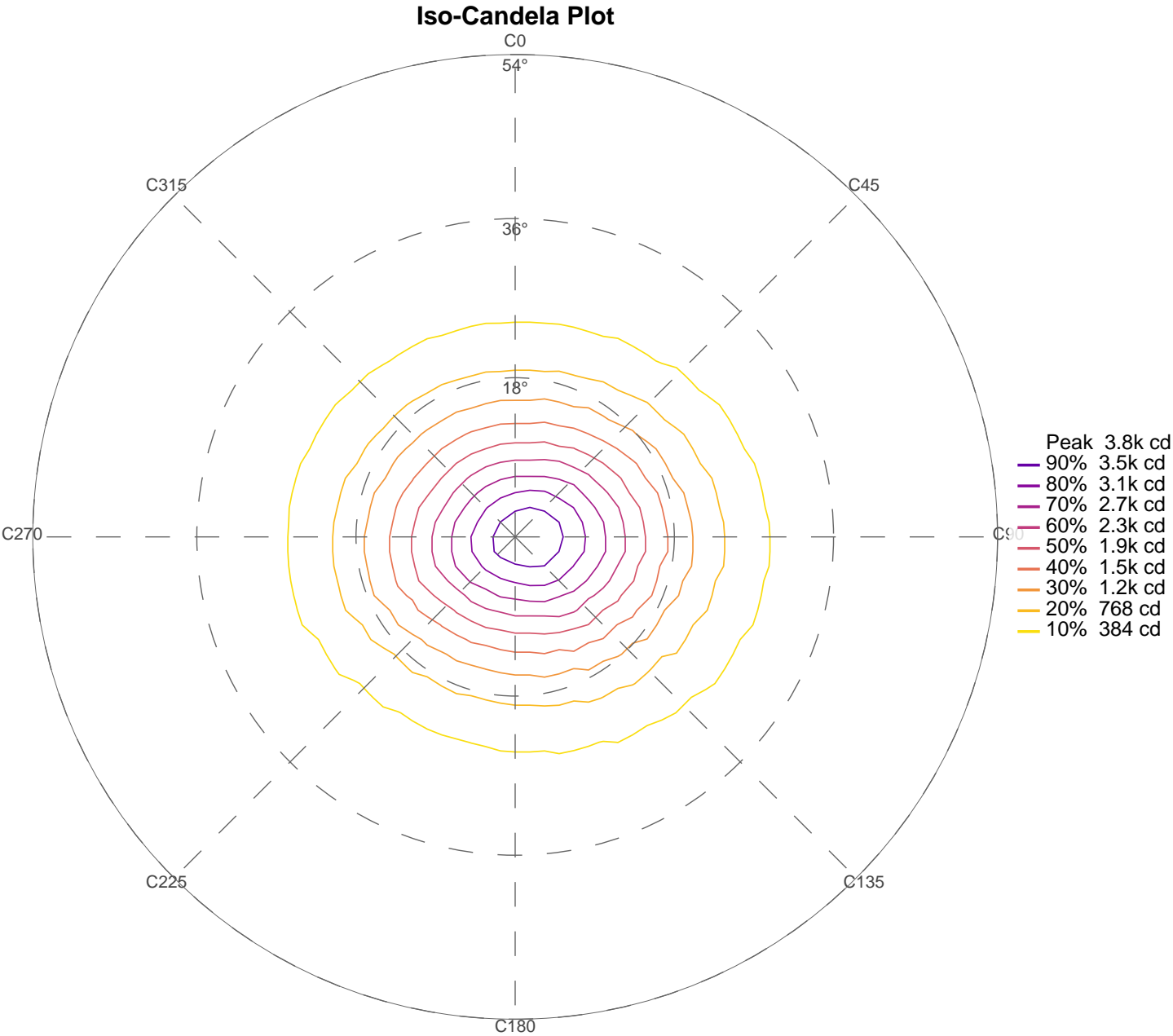
|          |                 |
|----------|-----------------|
| V Angles | 181 (0° – 180°) |
| H Angles | 25 (0° – 360°)  |

IES Keywords

|                       |  |
|-----------------------|--|
| [TEST]                | EV-2002  |
| [TESTLAB]             | Spectrum mfg   |
| [TESTDATE]            | 2025-4-23  |
| [MANUFAC]             | Chroma-Q   |
| [LUMCAT]              | 2inspire-POE-300_Asymmetrical_Snoot&HoneycombLouver(4800K) |
| [LUMINAIRE]           | LED Projector Luminaire at 4800K setting                   |
| [LAMP]                | LEDs   |
| [BALLAST]             | DC   |
| [BALLASTCAT]          |  |
| [_VOLTAGE]            | 75.9   |
| [_CURRENT]            | 0.71   |
| [_WATTAGE]            | 53.89  |
| [_PF]                 | 0.62   |
| [_THD]                | 0.0  |
| [_LUMENS]             | 921  |
| [_EFFICACY]           | 17.1   |
| [_STABILIZATION TIME] | 70   |





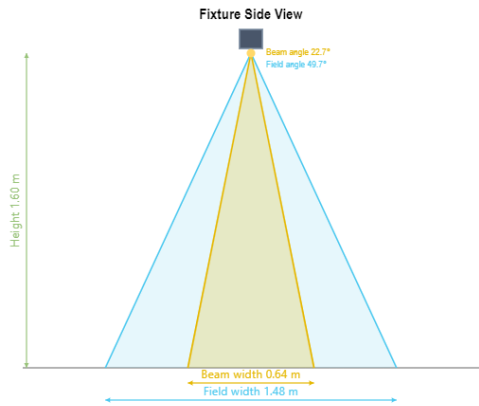


Settings

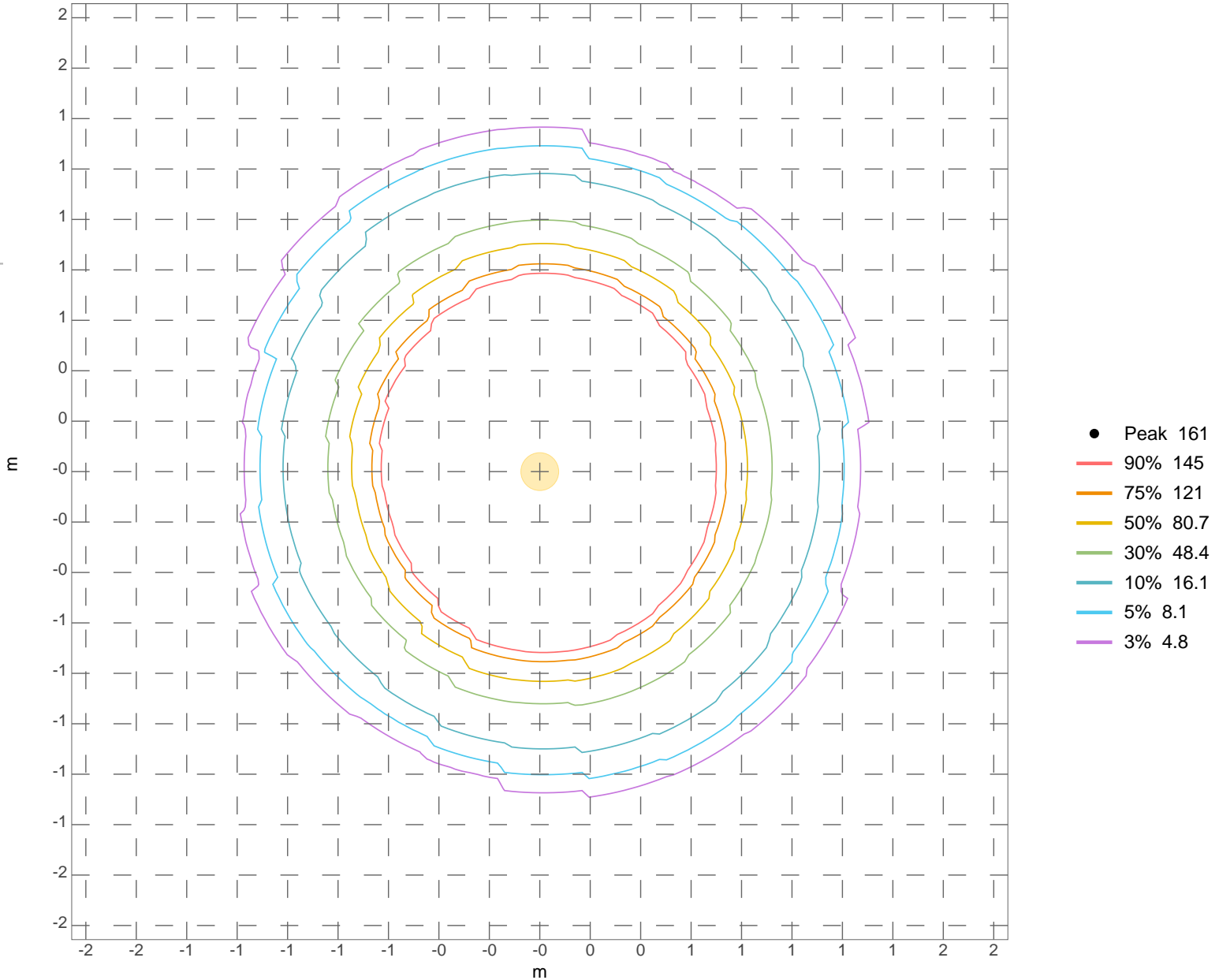
|               |               |
|---------------|---------------|
| Distance unit | Meters (m)    |
| Light unit    | Lux (lx)      |
| Spread mode   | Fixture count |
| C-Plane       | All C-Planes  |
| Output Height | 1.6 m         |
| Floor X       | 5.0 m         |
| Floor Y       | 5.0 m         |
| Fixture grid  | 1 x 1 (1)     |
| Wall dist X   | 0.30 m        |
| Wall dist Y   | 0.30 m        |

Results

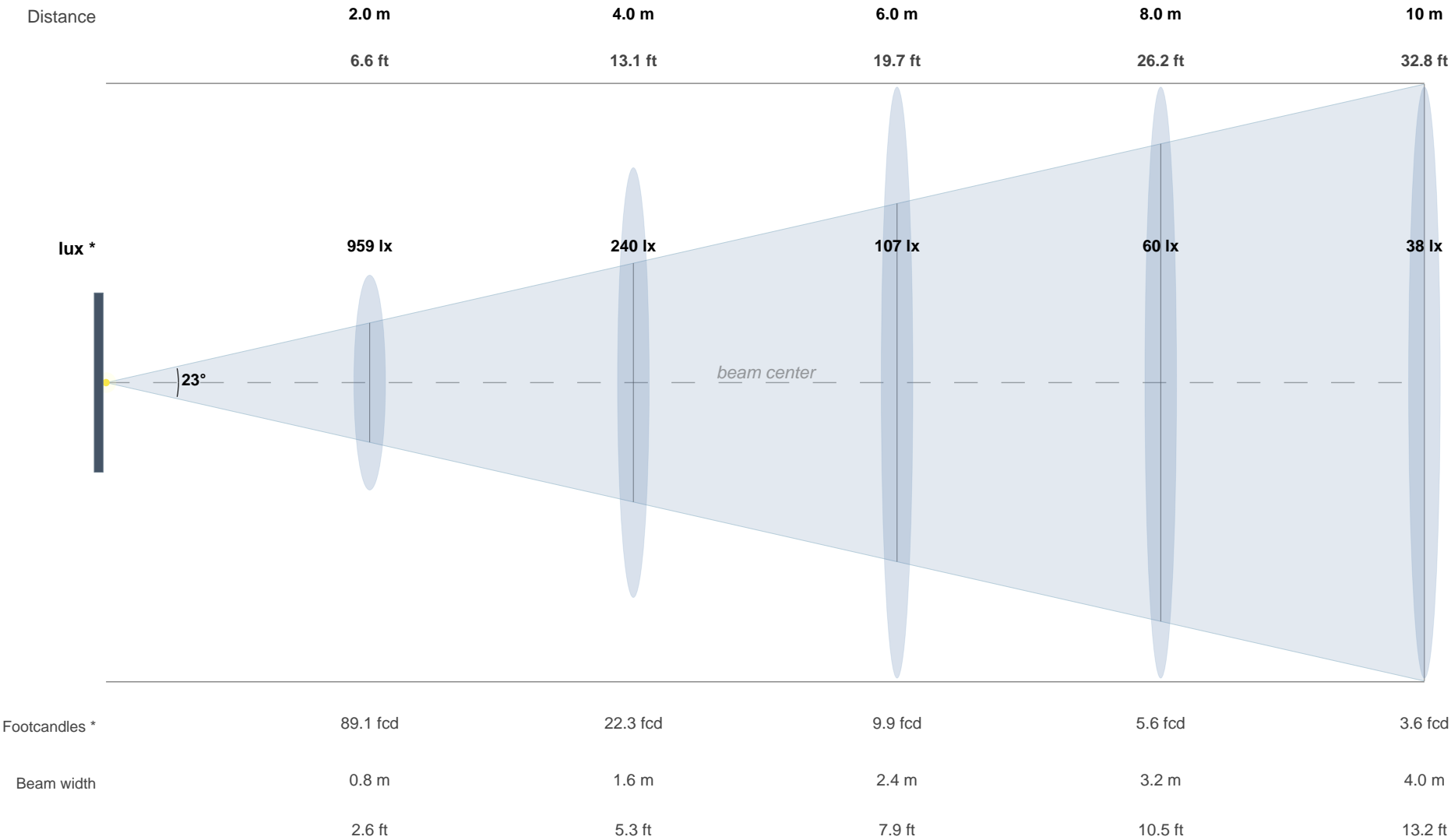
|             |               |
|-------------|---------------|
| Peak        | 161.3 lx      |
| Average     | 16.2 lx       |
| Min         | 0.0 lx        |
| Result grid | 6 x 6 @ 1.0 m |



Iso-Illuminance



Beam Intensity



\* at beam centre