

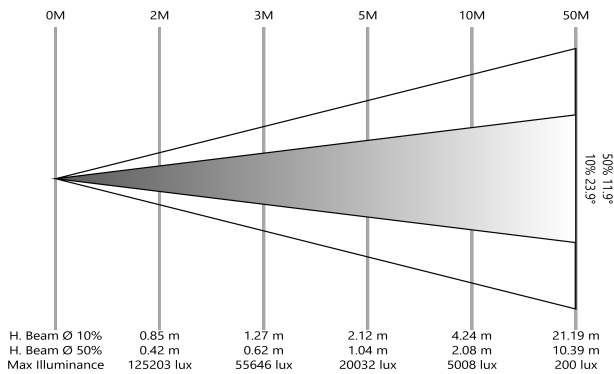
# Photometric Report



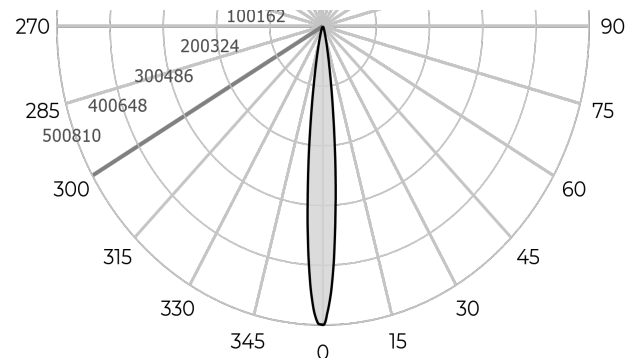
|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Manufacturer          | SGM                                                     |
| Luminaire             | Palco 6 RGBL 10deg All on calibr 5600K Peak Preliminary |
| Measurement Date      | 29/08/2025                                              |
| Power Consumption     | 782.0 W                                                 |
| Light Output          | 33 358 lm                                               |
| Field Angle H.        | 23.9 deg                                                |
| Beam Angle H.         | 11.9 deg                                                |
| Field Angle V.        | 23.9 deg                                                |
| Beam Angle V.         | 11.9 deg                                                |
| Center Beam Intensity | 500 812 cd                                              |
| Color Temperature     | 5 324 K                                                 |
| CRI                   | 81                                                      |
| CQS                   | 88                                                      |
| TLCI                  | 80                                                      |
| TM30 Rf/Rg            | 83/112                                                  |
| PPF                   | 488.43 $\mu\text{mol/s}$                                |



## Lux Diagram

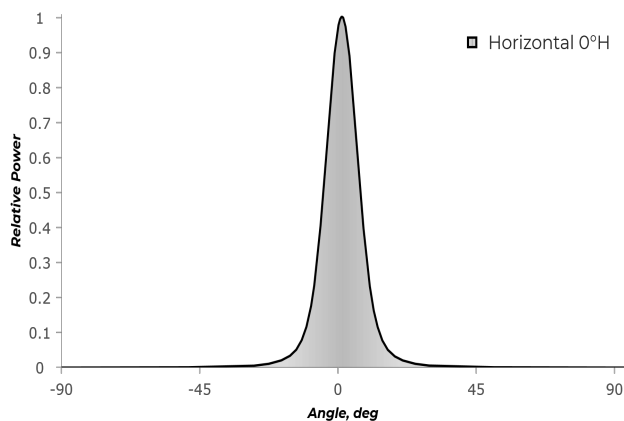


## Polar Distribution

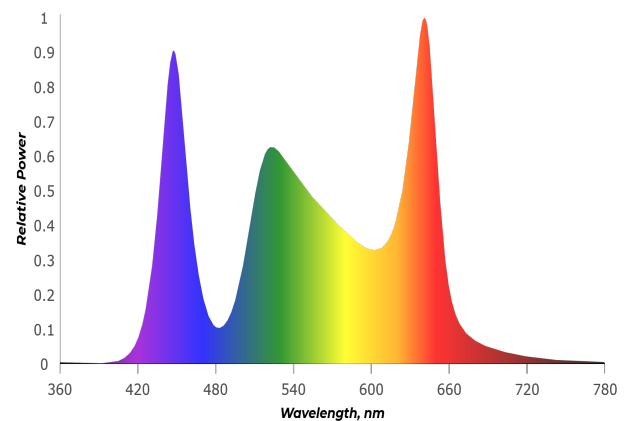


□ Horizontal 0°H

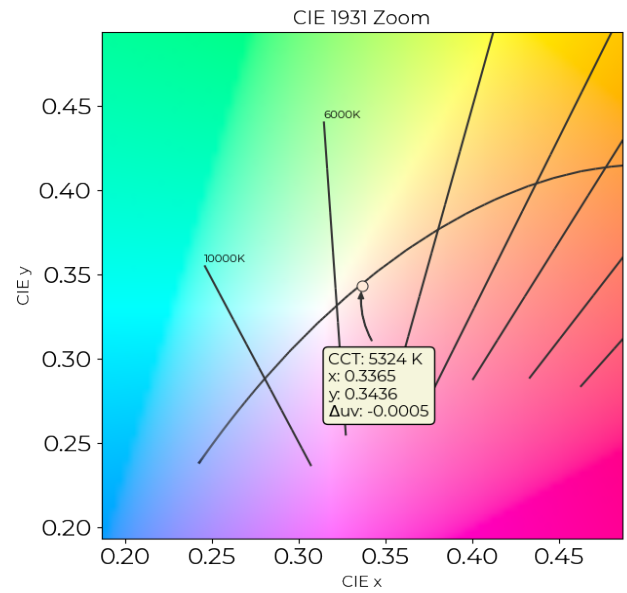
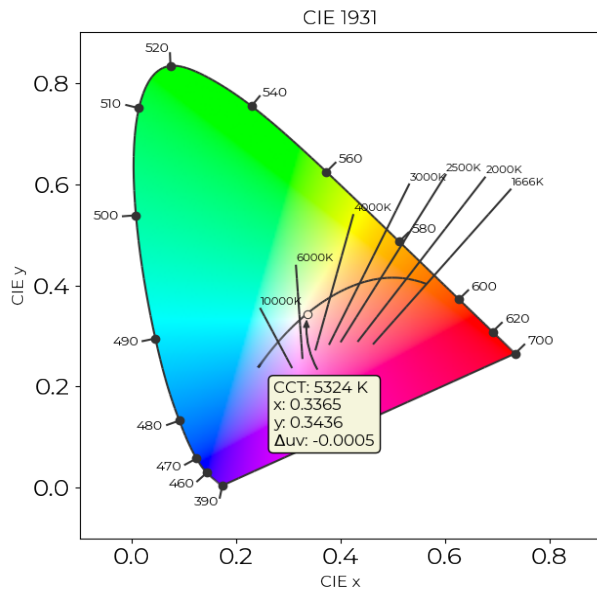
## Beam Profile



## Spectral Distribution



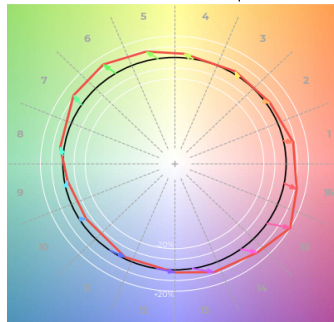
# Photometric Report



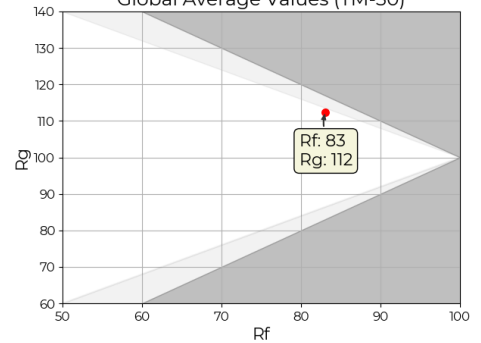
## Local Average Values

| Hue Bin | Rf | Chroma | Hue |
|---------|----|--------|-----|
| 1       | 82 | 8%     | -3% |
| 2       | 92 | 3%     | -3% |
| 3       | 89 | 2%     | 4%  |
| 4       | 85 | 3%     | 9%  |
| 5       | 81 | 9%     | 9%  |
| 6       | 79 | 13%    | 5%  |
| 7       | 83 | 11%    | -3% |
| 8       | 86 | 4%     | -7% |
| 9       | 92 | -3%    | -5% |
| 10      | 89 | -5%    | 3%  |
| 11      | 76 | -2%    | 15% |
| 12      | 75 | 0%     | 17% |
| 13      | 78 | 7%     | 18% |
| 14      | 77 | 11%    | 10% |
| 15      | 78 | 20%    | 8%  |
| 16      | 80 | 12%    | -3% |

## Color Vector Graphics



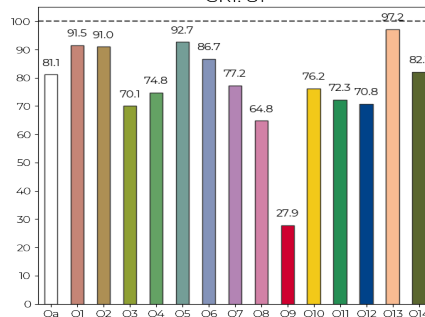
## Global Average Values (TM-30)



## TLCI-2012: 80

| Sector       | Lightness | Chroma | Hue |
|--------------|-----------|--------|-----|
| Red          | -2        | -1     | 0   |
| Red/Yellow   | 0         | 0      | 0   |
| Yellow       | 0         | -1     | -1  |
| Yellow/Green | 0         | -2     | 0   |
| Green        | 0         | -2     | 0   |
| Green/Cyan   | 0         | -2     | 5   |
| Cyan         | 0         | -1     | 3   |
| Cyan/Blue    | 0         | 0      | 2   |
| Blue         | 0         | -2     | -2  |
| Blue/Magenta | 0         | -2     | 0   |
| Magenta      | -1        | -2     | 0   |
| Magenta/Red  | -2        | -2     | 0   |

## CRI: 81



## Color Quality Scale (CQS): 88

