

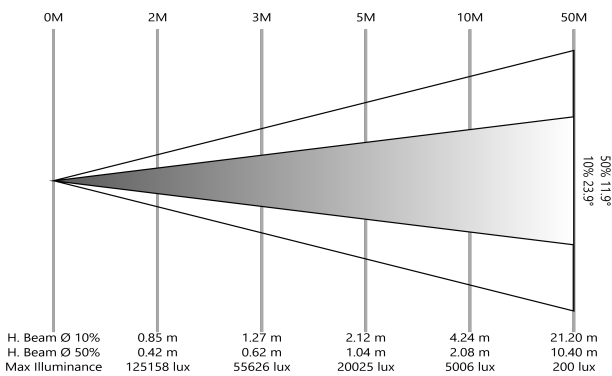
Photometric Report



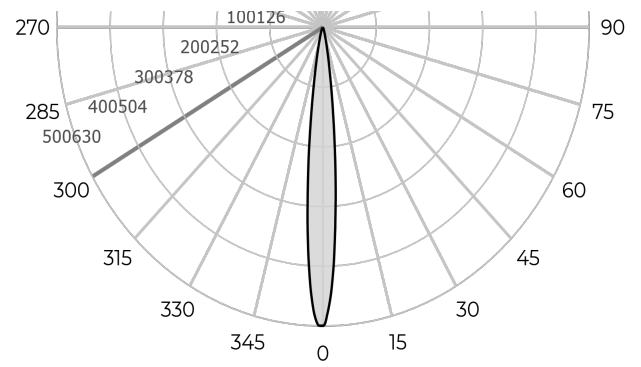
Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg CTC at 175 Peak Preliminary
Measurement Date	29/08/2025
Power Consumption	781.0 W
Light Output	33 355 lm
Field Angle H.	23.9 deg
Beam Angle H.	11.9 deg
Field Angle V.	23.9 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	500 634 cd
Color Temperature	5 201 K
CRI	81
CQS	88
TLCI	79
TM30 Rf/Rg	83/112
PPF	487.18 $\mu\text{mol/s}$



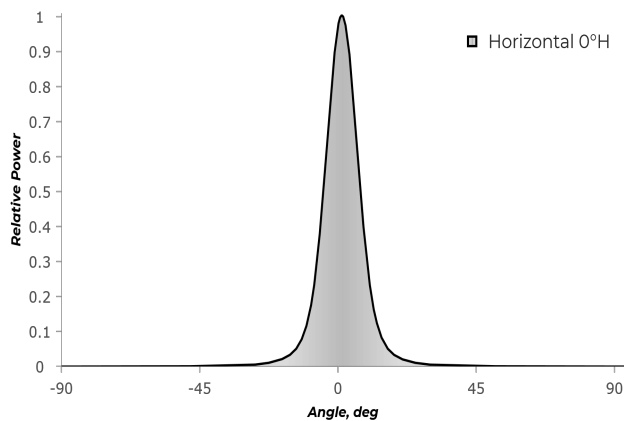
Lux Diagram



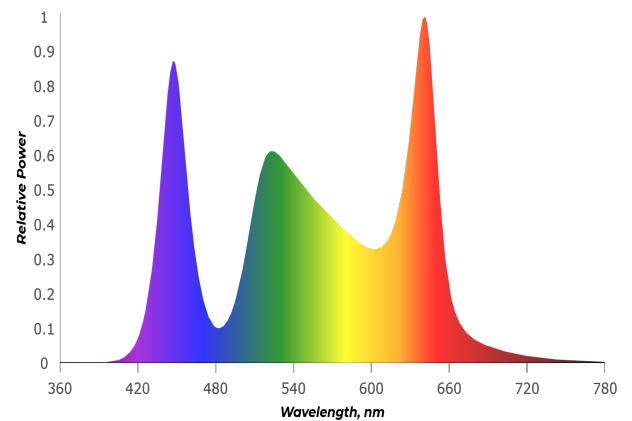
Polar Distribution



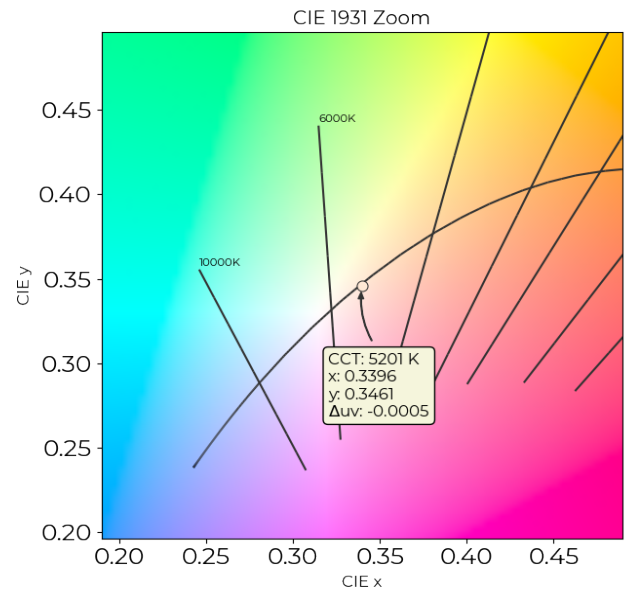
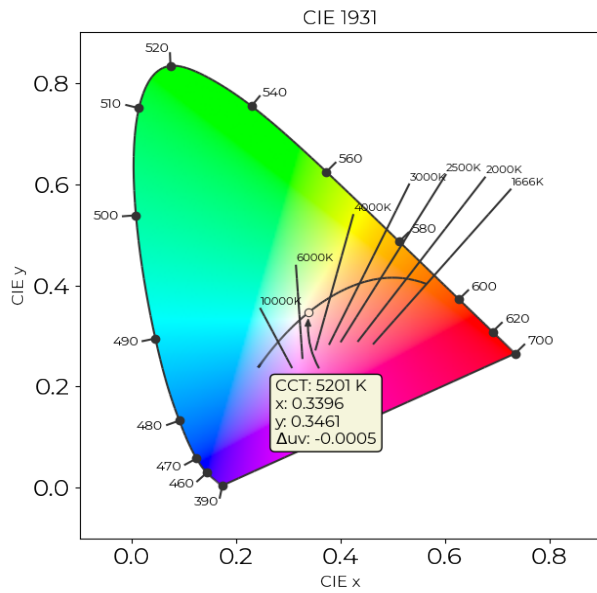
Beam Profile



Spectral Distribution



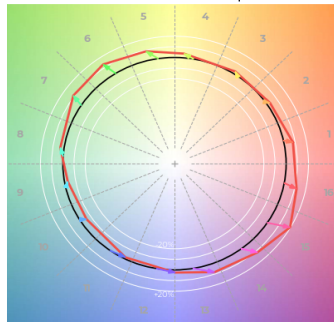
Photometric Report



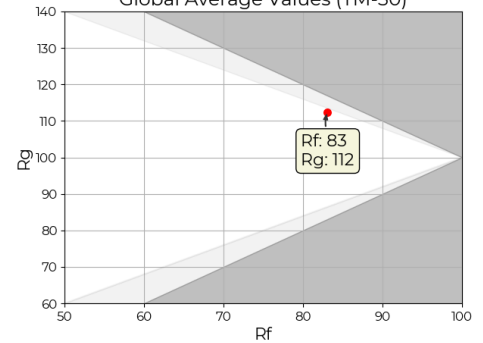
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	82	8%	-3%
2	92	3%	-3%
3	89	2%	4%
4	84	3%	9%
5	81	9%	9%
6	79	13%	5%
7	83	11%	-4%
8	86	4%	-7%
9	92	-3%	-5%
10	89	-5%	3%
11	76	-2%	15%
12	75	0%	17%
13	79	7%	18%
14	77	11%	10%
15	78	19%	8%
16	80	12%	-3%

Color Vector Graphics



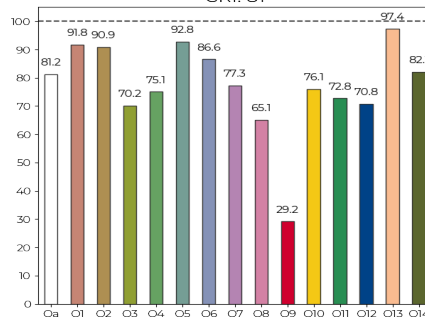
Global Average Values (TM-30)



TLCI-2012: 79

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	1	0	2
Blue	0	-2	-2
Blue/Magenta	1	-2	0
Magenta	0	-3	0
Magenta/Red	-2	-2	0

CRI: 81



Color Quality Scale (CQS): 88

