

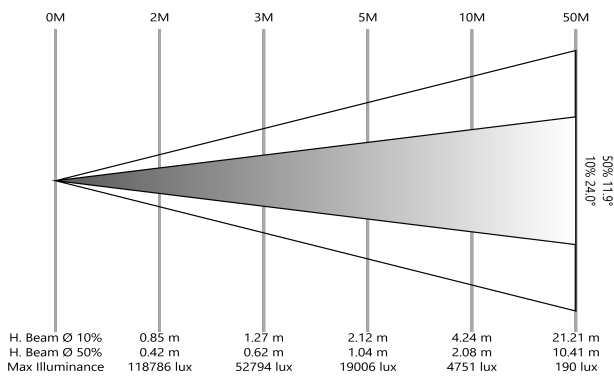
Photometric Report



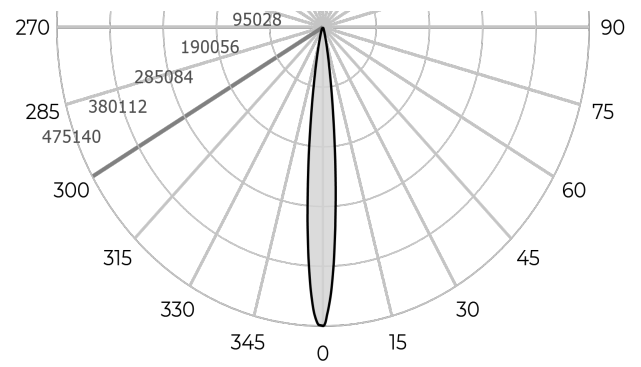
Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg CTC at 255 Peak Preliminary
Measurement Date	30/08/2025
Power Consumption	784.0 W
Light Output	31 693 lm
Field Angle H.	24.0 deg
Beam Angle H.	11.9 deg
Field Angle V.	24.0 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	475 144 cd
Color Temperature	8 806 K
CRI	79
CQS	88
TLCI	77
TM30 Rf/Rg	82/111
PPF	489.08 $\mu\text{mol/s}$



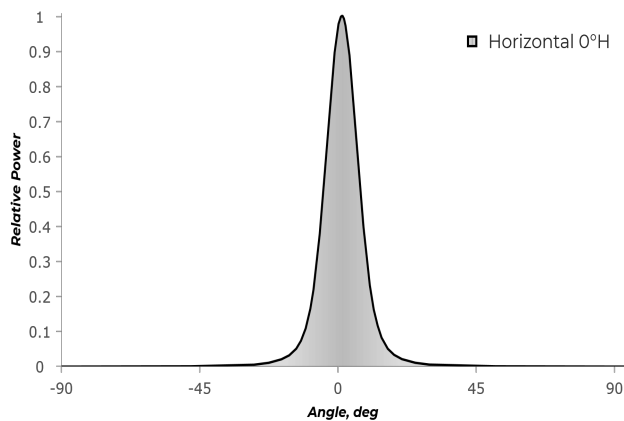
Lux Diagram



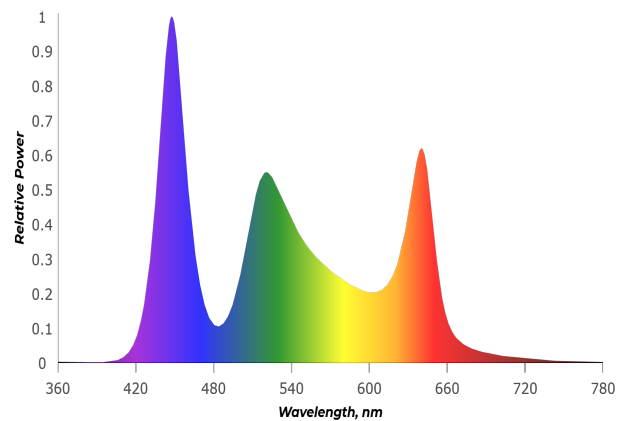
Polar Distribution



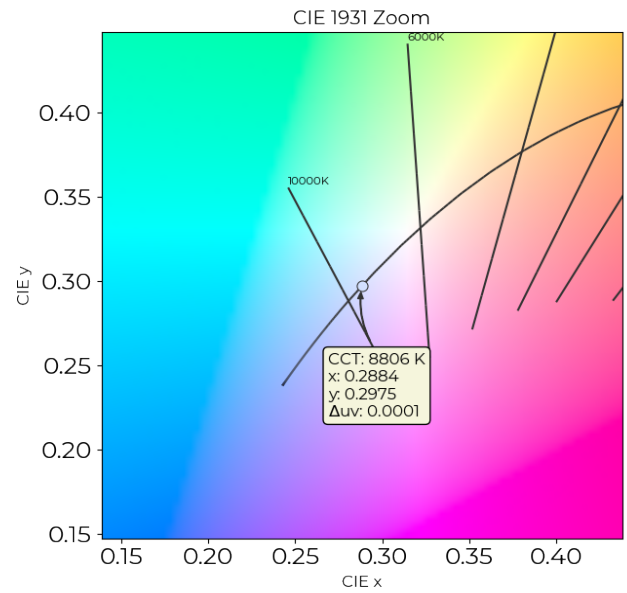
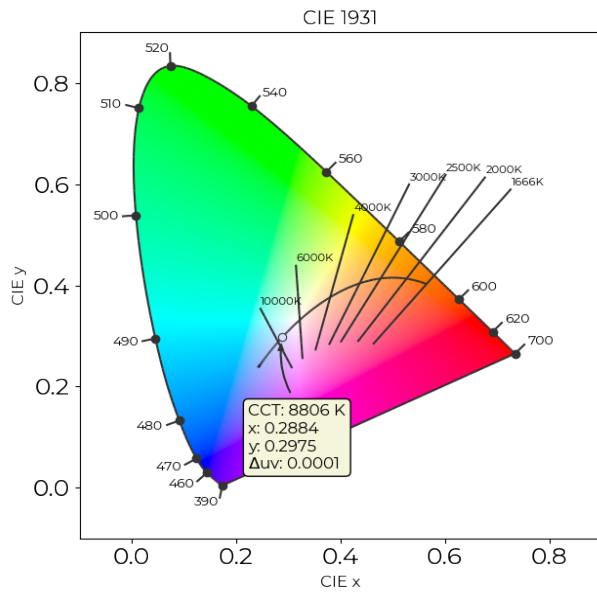
Beam Profile



Spectral Distribution



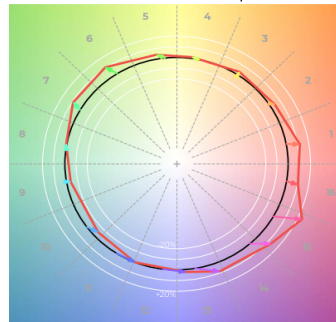
Photometric Report



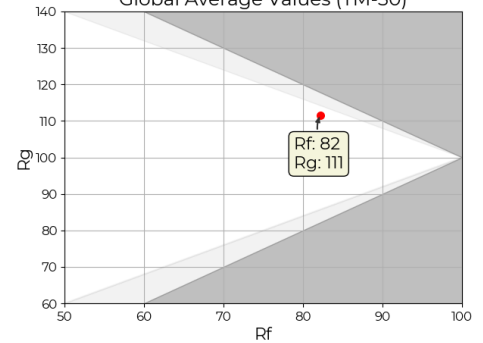
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	77	12%	-3%
2	88	4%	-4%
3	91	3%	0%
4	88	1%	7%
5	84	5%	7%
6	82	11%	6%
7	85	9%	-2%
8	85	1%	-3%
9	92	-4%	1%
10	85	-6%	10%
11	63	-2%	19%
12	73	-1%	21%
13	74	7%	21%
14	73	10%	16%
15	73	23%	12%
16	79	11%	-1%

Color Vector Graphics



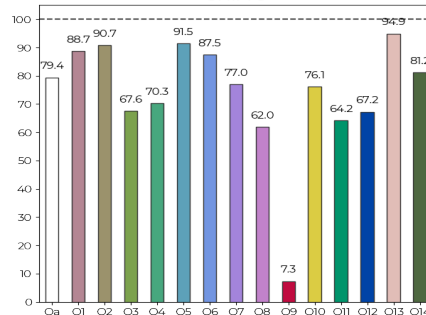
Global Average Values (TM-30)



TLCI-2012: 77

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

CRI: 79



Color Quality Scale (CQS): 88

