

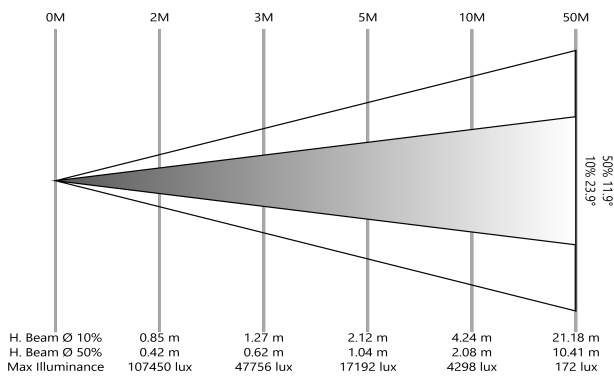
Photometric Report



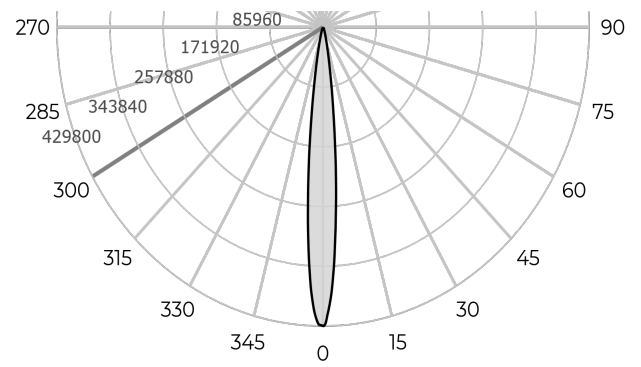
Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg CTC at 50 Peak Preliminary
Measurement Date	29/08/2025
Power Consumption	663.0 W
Light Output	28 606 lm
Field Angle H.	23.9 deg
Beam Angle H.	11.9 deg
Field Angle V.	23.9 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	429 800 cd
Color Temperature	2 811 K
CRI	82
CQS	86
TLCI	70
TM30 Rf/Rg	82/113
PPF	429.56 $\mu\text{mol/s}$



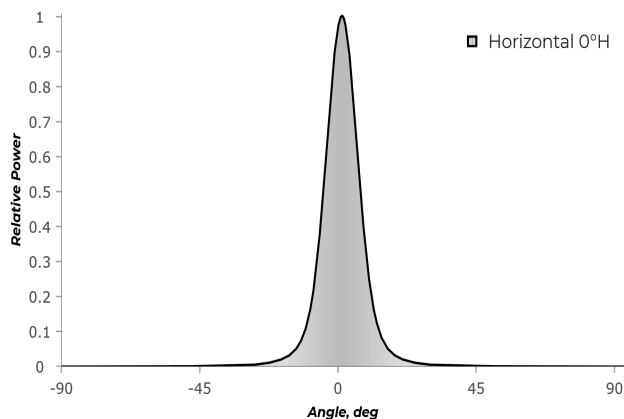
Lux Diagram



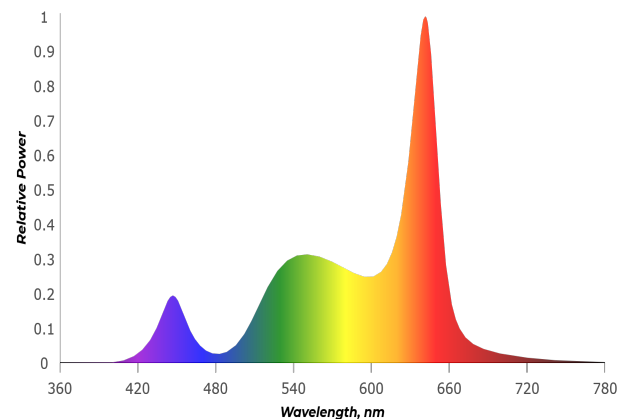
Polar Distribution



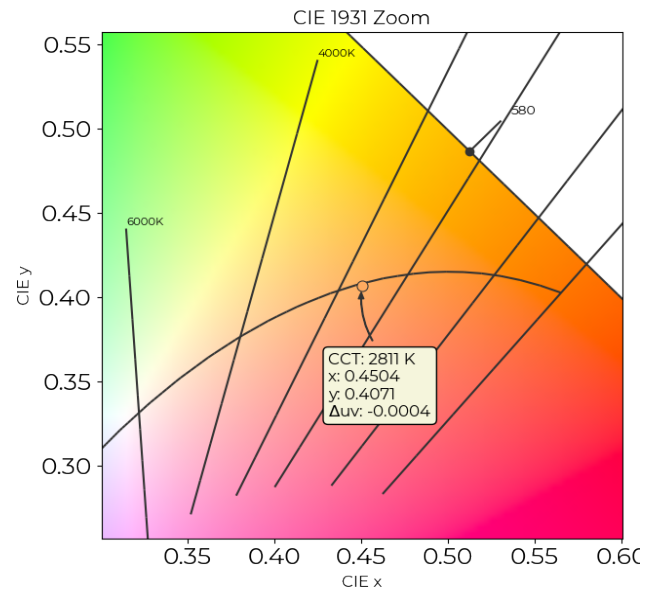
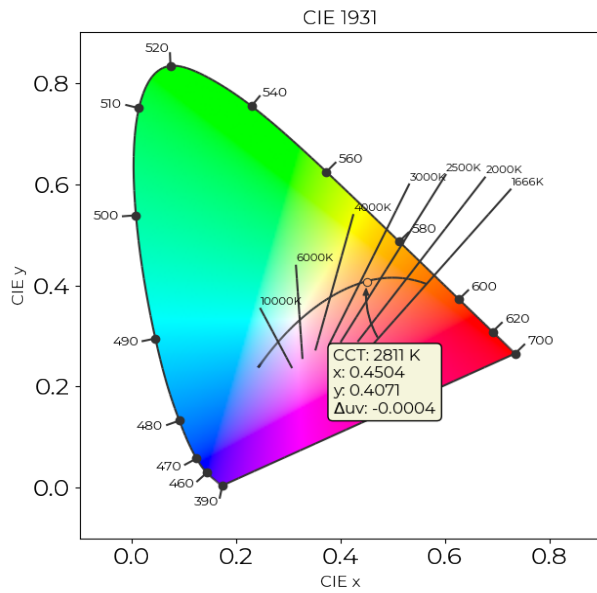
Beam Profile



Spectral Distribution



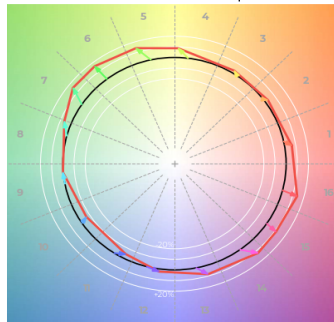
Photometric Report



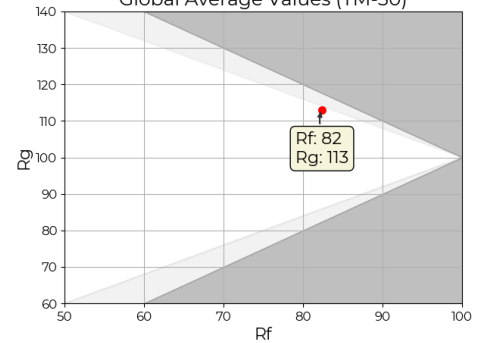
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	83	6%	-5%
2	90	3%	-3%
3	88	3%	5%
4	81	8%	11%
5	79	13%	11%
6	76	16%	2%
7	73	15%	-9%
8	79	5%	-13%
9	83	0%	-11%
10	88	-7%	-3%
11	84	-5%	9%
12	79	2%	12%
13	84	8%	9%
14	81	12%	12%
15	82	11%	-2%
16	82	14%	-3%

Color Vector Graphics



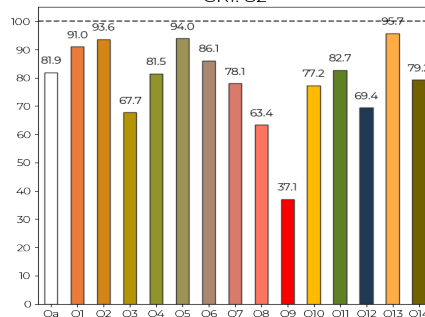
Global Average Values (TM-30)



TLCI-2012: 70

Sector	Lightness	Chroma	Hue
Red	-1	-1	0
Red/Yellow	0	0	0
Yellow	0	-1	-2
Yellow/Green	0	-2	0
Green	-1	-2	0
Green/Cyan	1	-2	6
Cyan	1	0	4
Cyan/Blue	2	1	2
Blue	0	-2	-2
Blue/Magenta	1	-2	1
Magenta	0	-3	2
Magenta/Red	-2	-2	2

CRI: 82



Color Quality Scale (CQS): 86

