

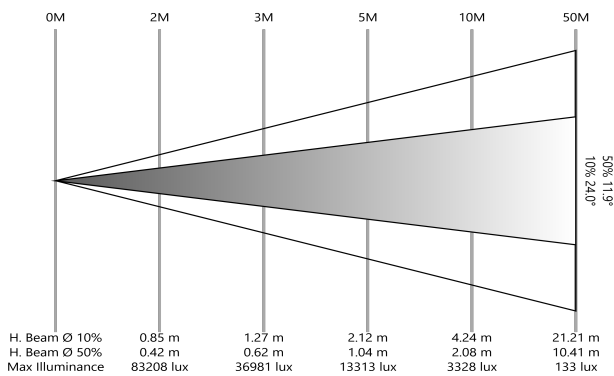
Photometric Report



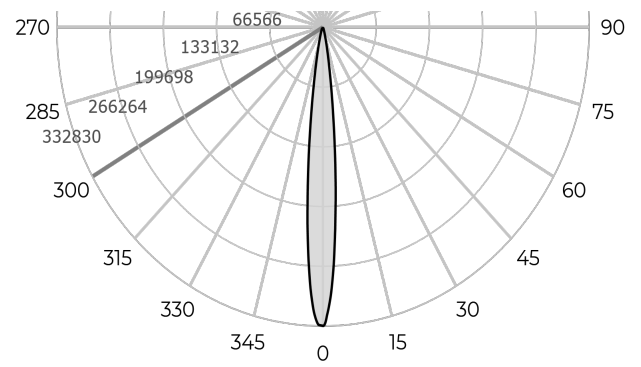
Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg CTC at 25 Peak Preliminary
Measurement Date	29/08/2025
Power Consumption	537.0 W
Light Output	22 186 lm
Field Angle H.	24.0 deg
Beam Angle H.	11.9 deg
Field Angle V.	24.0 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	332 832 cd
Color Temperature	2 301 K
CRI	77
CQS	79
TLCI	66
TM30 Rf/Rg	82/114
PPF	356.86 $\mu\text{mol/s}$



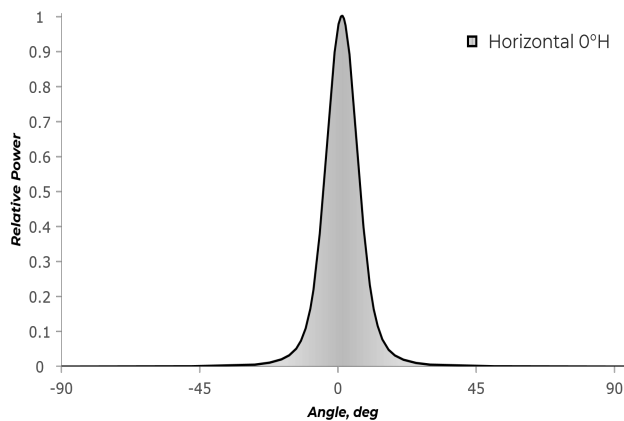
Lux Diagram



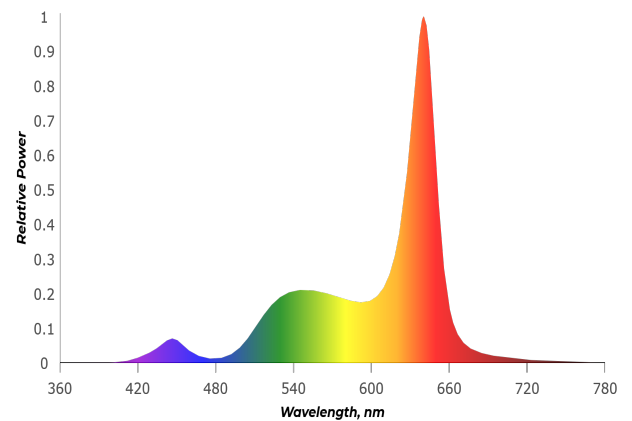
Polar Distribution



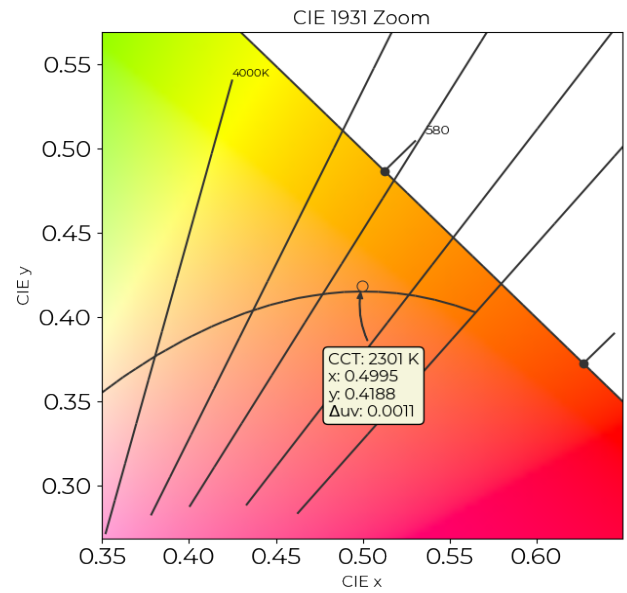
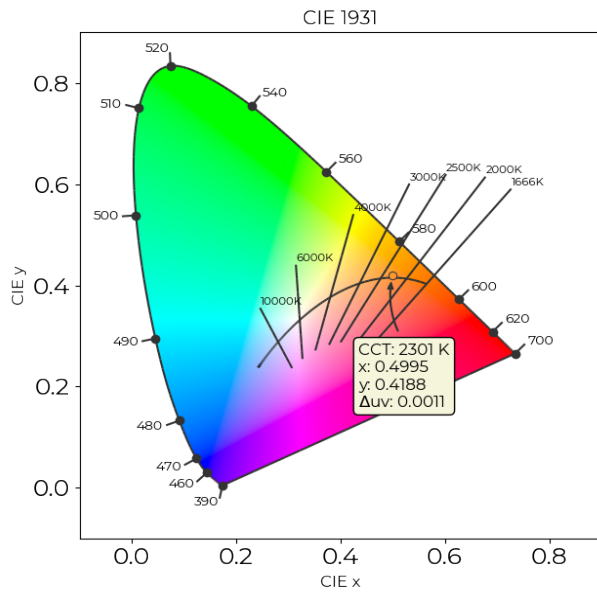
Beam Profile



Spectral Distribution



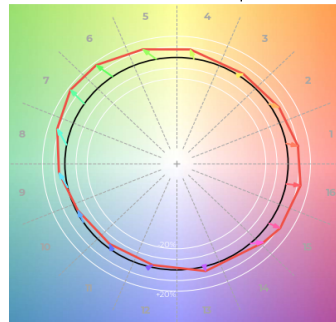
Photometric Report



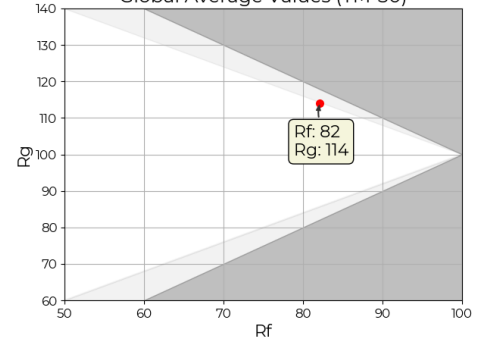
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	77	10%	-4%
2	81	6%	-8%
3	87	4%	-3%
4	87	8%	5%
5	82	11%	10%
6	76	17%	6%
7	72	18%	-4%
8	74	11%	-13%
9	73	5%	-15%
10	80	-2%	-12%
11	90	-4%	-6%
12	91	-2%	2%
13	89	4%	0%
14	85	6%	10%
15	83	11%	2%
16	81	13%	1%

Color Vector Graphics



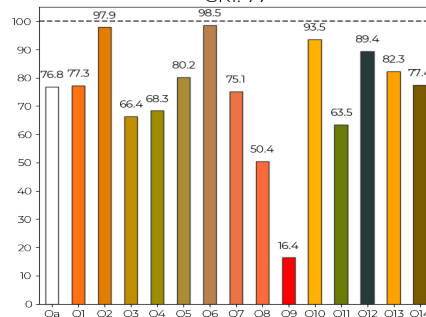
Global Average Values (TM-30)



TLCI-2012: 66

Sector	Lightness	Chroma	Hue
Red	-1	-1	0
Red/Yellow	0	0	1
Yellow	0	0	0
Yellow/Green	0	-1	-1
Green	0	-2	-1
Green/Cyan	0	-2	3
Cyan	0	-3	7
Cyan/Blue	1	2	5
Blue	0	-1	-1
Blue/Magenta	1	-1	3
Magenta	0	-3	2
Magenta/Red	-2	-2	1

CRI: 77



Color Quality Scale (CQS): 79

