

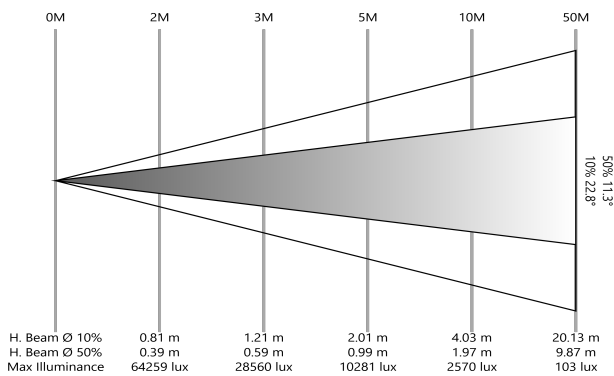
Photometric Report



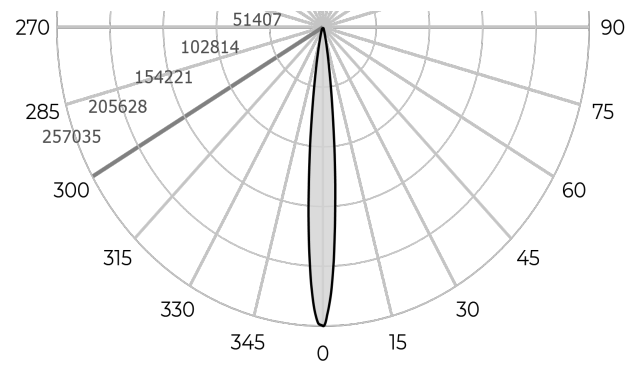
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg CTC at 100 Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	401.0 W
Light Output	15 915 lm
Field Angle H.	22.8 deg
Beam Angle H.	11.3 deg
Field Angle V.	22.8 deg
Beam Angle V.	11.3 deg
Center Beam Intensity	257 036 cd
Color Temperature	4 159 K
CRI	82
CQS	90
TLCI	81
TM30 Rf/Rg	86/110
PPF	248.33 $\mu\text{mol/s}$



Lux Diagram

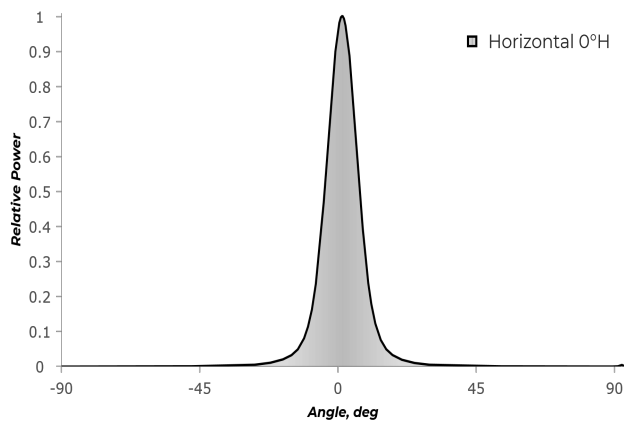


Polar Distribution

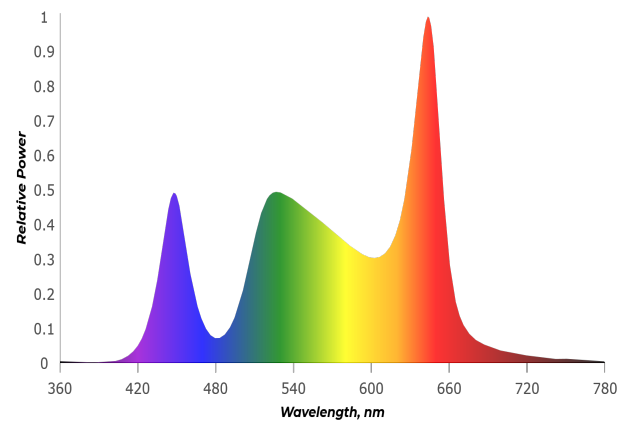


□ Horizontal 0°H

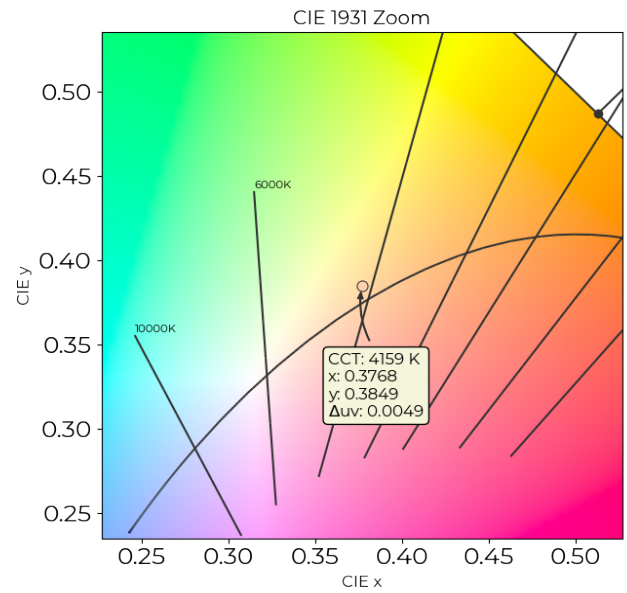
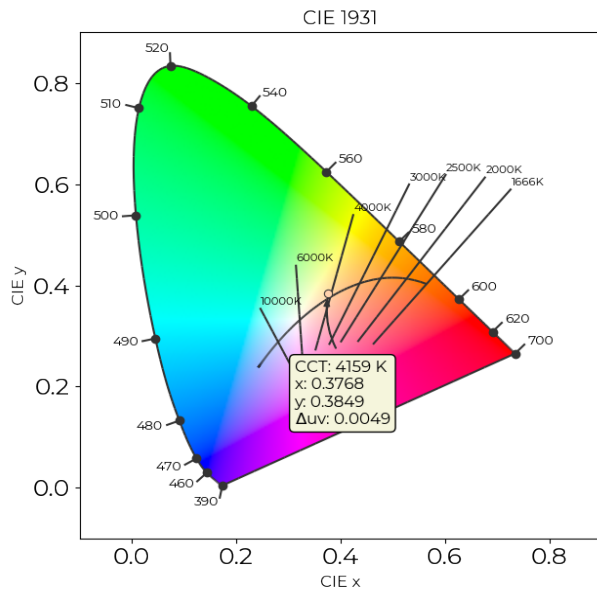
Beam Profile



Spectral Distribution



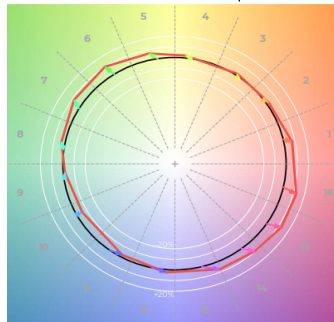
Photometric Report



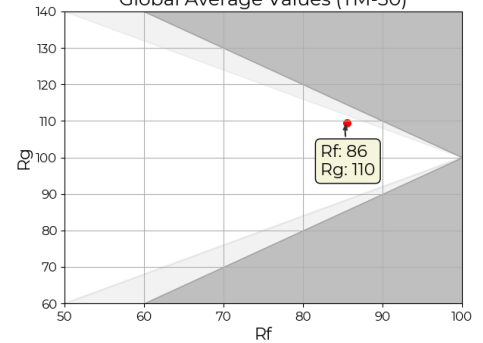
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	85	7%	-4%
2	90	2%	-4%
3	92	2%	1%
4	89	2%	7%
5	85	6%	7%
6	83	10%	3%
7	85	8%	-4%
8	87	4%	-7%
9	90	-2%	-6%
10	90	-6%	1%
11	82	-3%	12%
12	77	2%	14%
13	82	6%	16%
14	81	9%	8%
15	82	13%	5%
16	80	13%	-4%

Color Vector Graphics



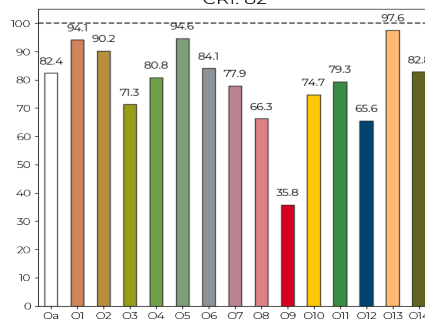
Global Average Values (TM-30)



TLCI-2012: 81

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

CRI: 82



Color Quality Scale (CQS): 90

