

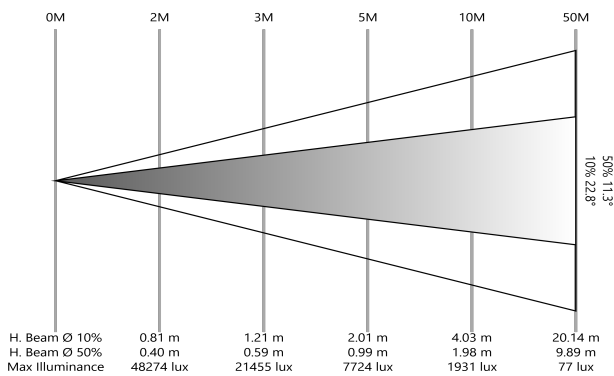
Photometric Report



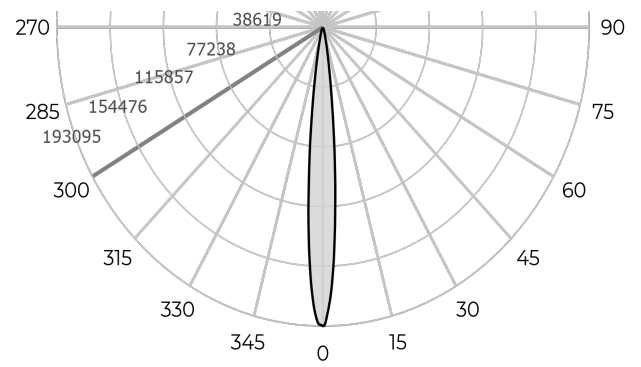
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg CTC at 25 Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	305.0 W
Light Output	11 962 lm
Field Angle H.	22.8 deg
Beam Angle H.	11.3 deg
Field Angle V.	22.8 deg
Beam Angle V.	11.3 deg
Center Beam Intensity	193 098 cd
Color Temperature	2 547 K
CRI	79
CQS	81
TLCI	76
TM30 Rf/Rg	85/109
PPF	200.05 $\mu\text{mol/s}$



Lux Diagram

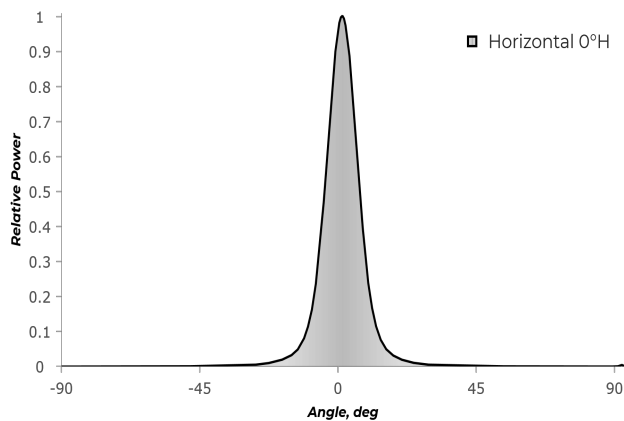


Polar Distribution

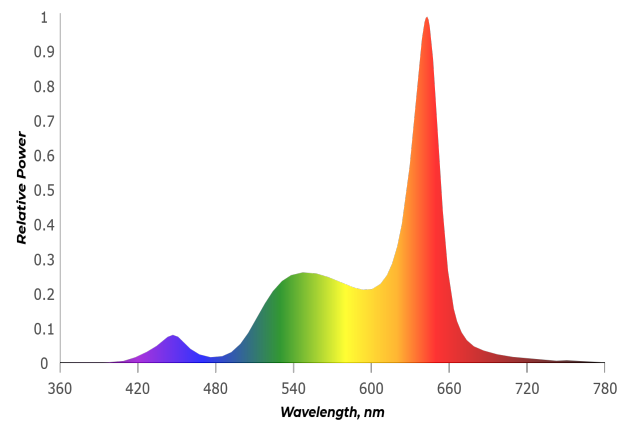


Horizontal 0°H

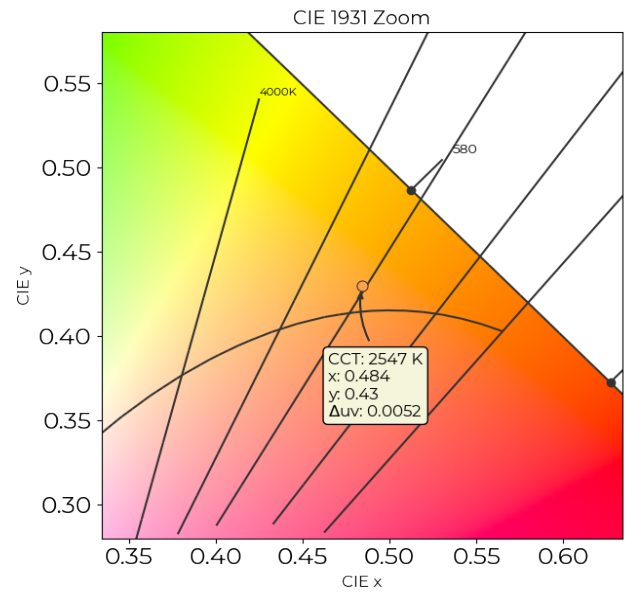
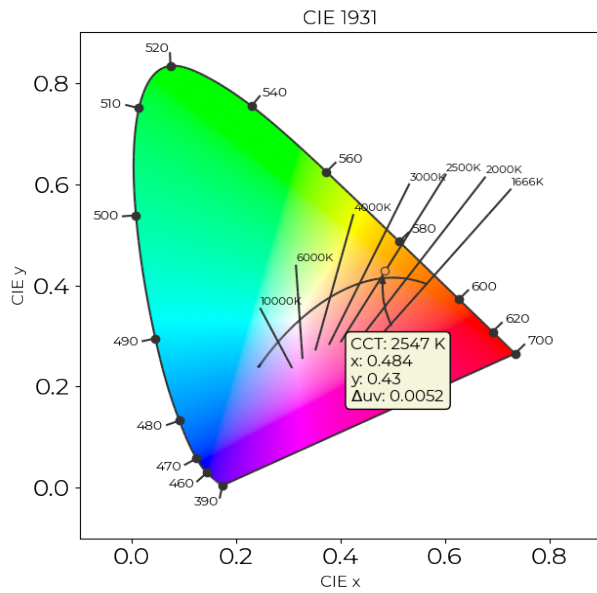
Beam Profile



Spectral Distribution



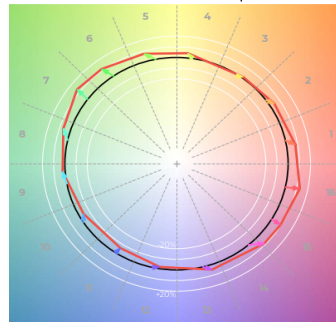
Photometric Report



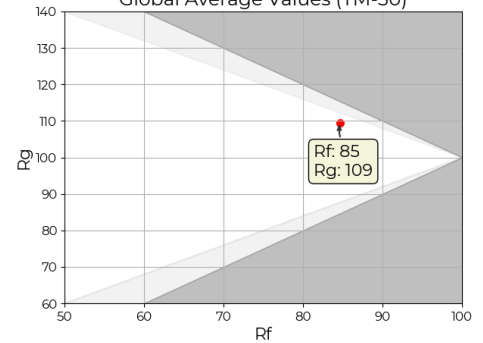
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	80	8%	-6%
2	84	4%	-7%
3	91	1%	-2%
4	89	4%	5%
5	85	7%	9%
6	81	11%	5%
7	79	13%	-3%
8	82	6%	-10%
9	79	2%	-12%
10	87	-5%	-6%
11	90	-6%	1%
12	86	-2%	6%
13	88	4%	8%
14	83	7%	13%
15	84	10%	0%
16	82	13%	1%

Color Vector Graphics



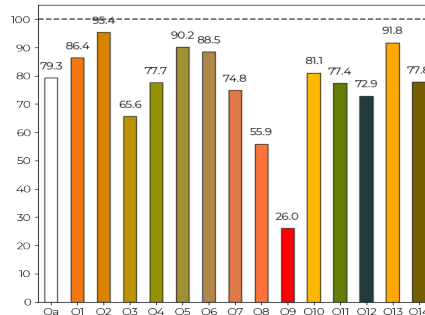
Global Average Values (TM-30)



TLCI-2012: 76

Sector	Lightness	Chroma	Hue
Red	-1	-1	0
Red/Yellow	0	0	1
Yellow	0	1	-1
Yellow/Green	0	0	-2
Green	-1	-1	-1
Green/Cyan	0	-1	2
Cyan	0	-2	5
Cyan/Blue	1	2	4
Blue	0	-1	-1
Blue/Magenta	2	-1	1
Magenta	0	-2	1
Magenta/Red	-2	-2	0

CRI: 79



Color Quality Scale (CQS): 81

