

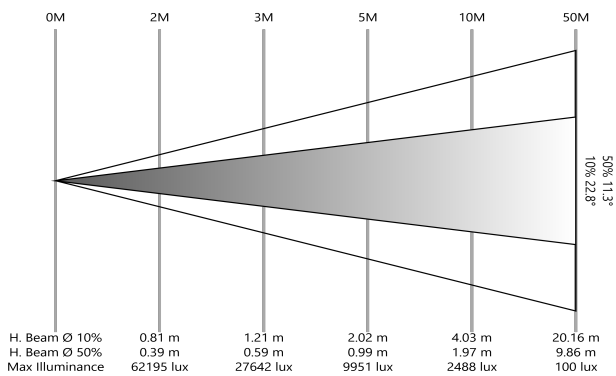
Photometric Report



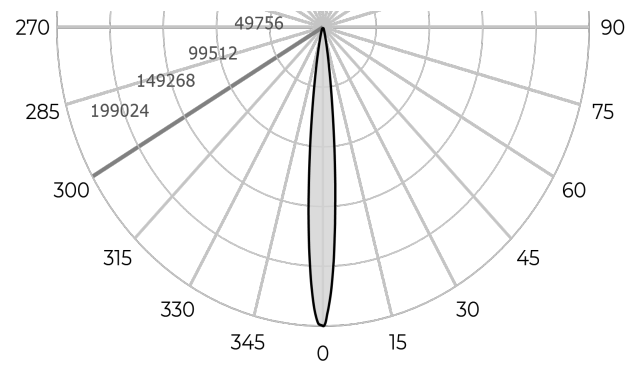
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg CTC at 255 Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	403.0 W
Light Output	15 401 lm
Field Angle H.	22.8 deg
Beam Angle H.	11.3 deg
Field Angle V.	22.8 deg
Beam Angle V.	11.3 deg
Center Beam Intensity	248 780 cd
Color Temperature	9 484 K
CRI	81
CQS	89
TLCI	78
TM30 Rf/Rg	83/110
PPF	256.36 $\mu\text{mol/s}$



Lux Diagram

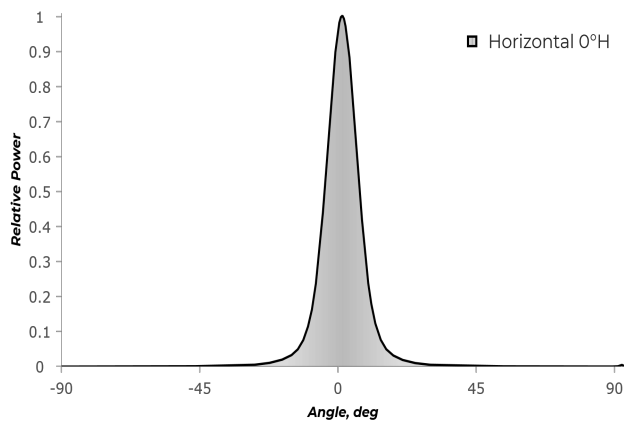


Polar Distribution

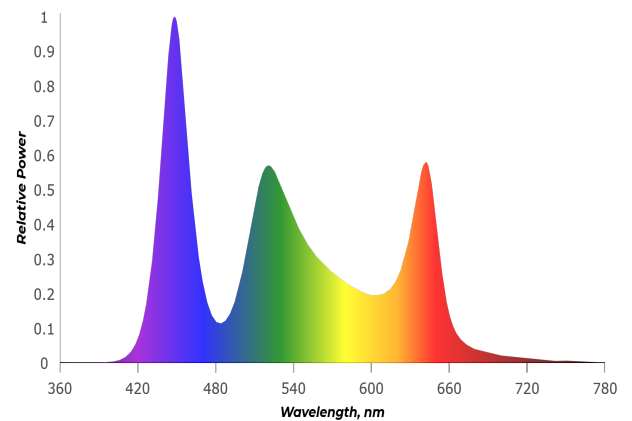


□ Horizontal 0°H

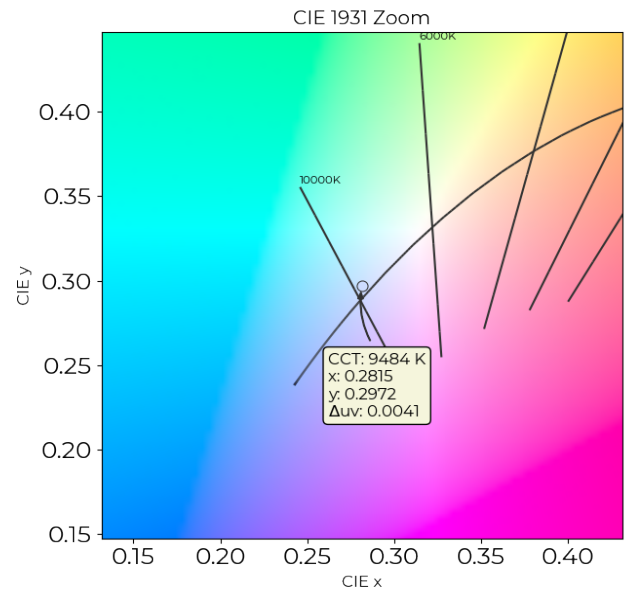
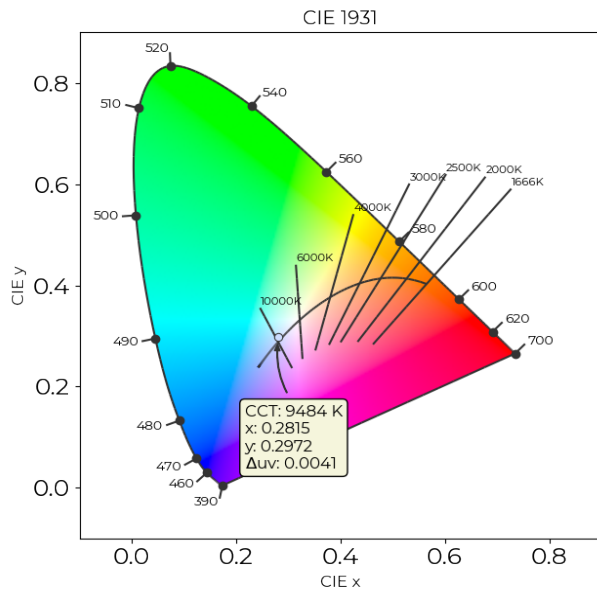
Beam Profile



Spectral Distribution



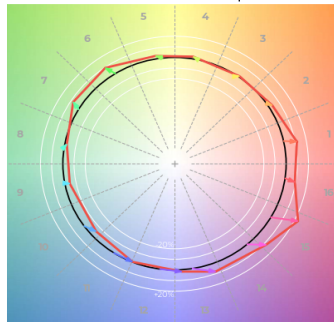
Photometric Report



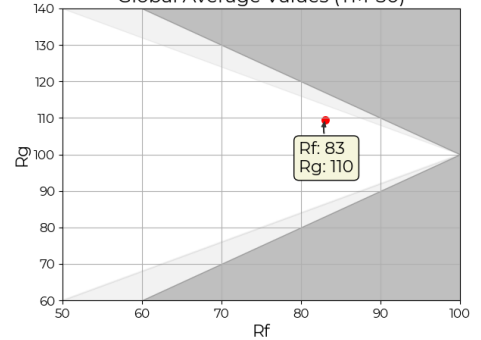
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	78	12%	-3%
2	89	3%	-5%
3	94	1%	-1%
4	88	2%	5%
5	85	3%	6%
6	84	10%	4%
7	86	8%	-3%
8	86	-2%	-3%
9	91	-4%	1%
10	84	-6%	10%
11	64	-2%	19%
12	75	-1%	20%
13	75	7%	20%
14	76	10%	14%
15	74	22%	11%
16	81	9%	-2%

Color Vector Graphics



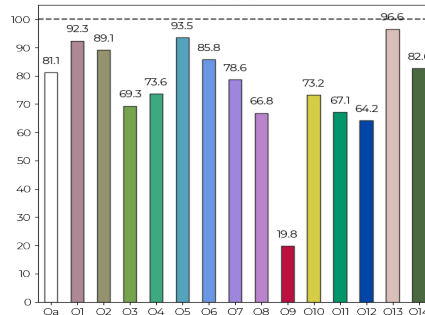
Global Average Values (TM-30)



TLCI-2012: 78

Sector	Lightness	Chroma	Hue
Red	-2	-1	0
Red/Yellow	0	-1	0
Yellow	0	-1	0
Yellow/Green	0	-2	-1
Green	-1	-2	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: 81



Color Quality Scale (CQS): 89

