

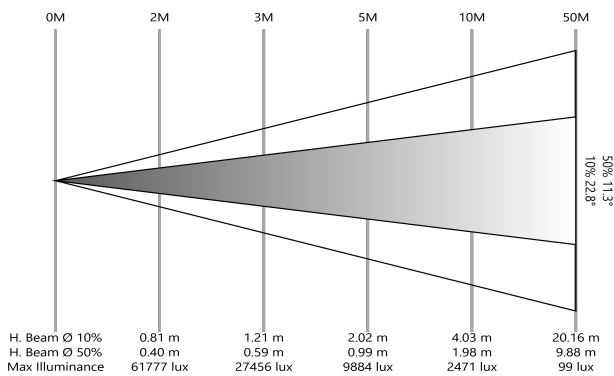
Photometric Report



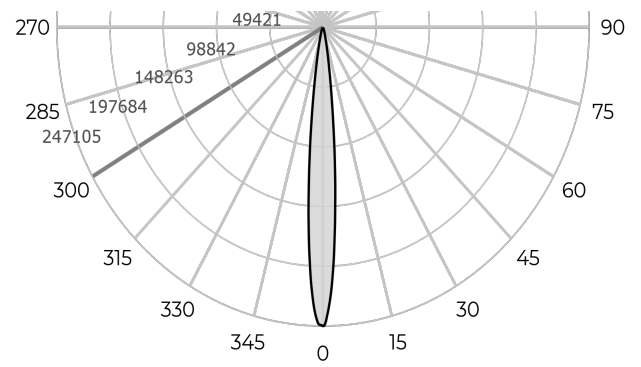
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg CTC at 240 Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	402.0 W
Light Output	15 307 lm
Field Angle H.	22.8 deg
Beam Angle H.	11.3 deg
Field Angle V.	22.8 deg
Beam Angle V.	11.3 deg
Center Beam Intensity	247 108 cd
Color Temperature	7 959 K
CRI	80
CQS	88
TLCI	74
TM30 Rf/Rg	83/110
PPF	252.23 $\mu\text{mol/s}$



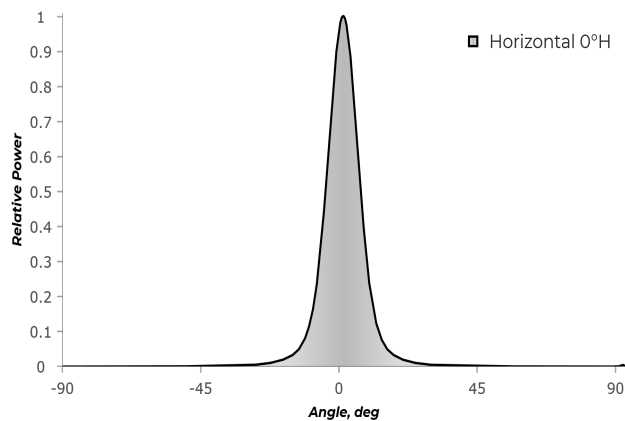
Lux Diagram



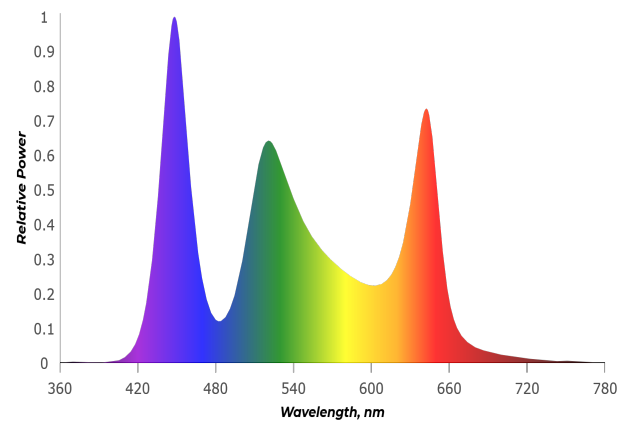
Polar Distribution



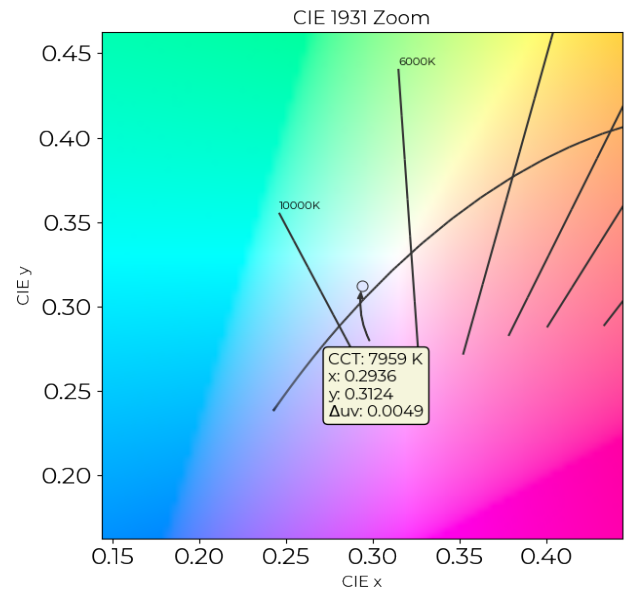
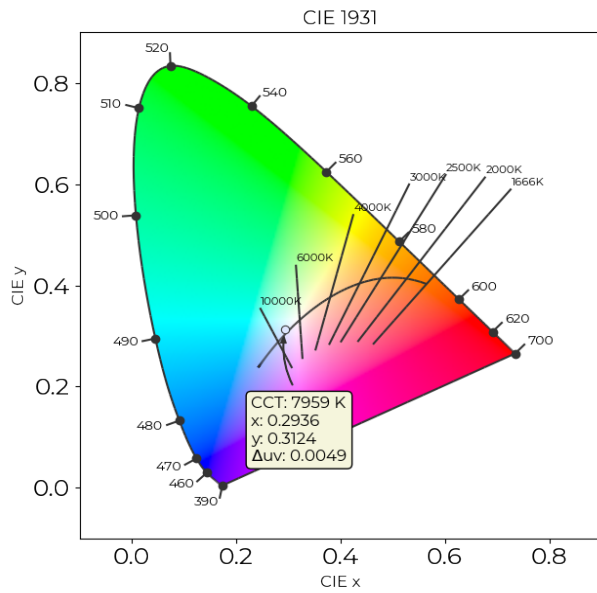
Beam Profile



Spectral Distribution



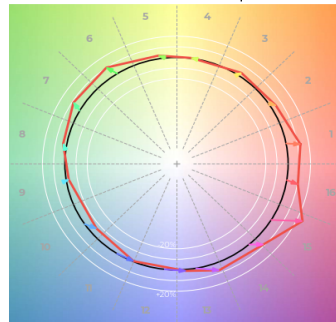
Photometric Report



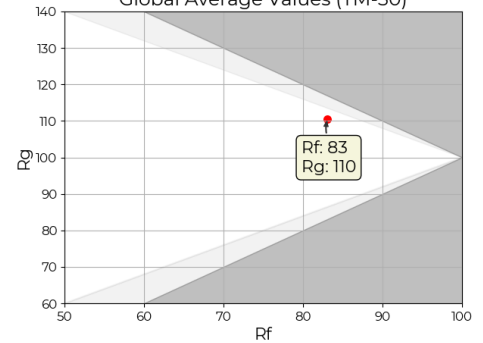
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	76	12%	-3%
2	86	4%	-6%
3	91	3%	-2%
4	91	0%	5%
5	86	3%	6%
6	83	10%	5%
7	84	9%	-3%
8	88	3%	-5%
9	93	-2%	-1%
10	85	-7%	9%
11	68	-2%	16%
12	75	-2%	19%
13	75	6%	20%
14	79	7%	11%
15	71	24%	15%
16	79	11%	-2%

Color Vector Graphics



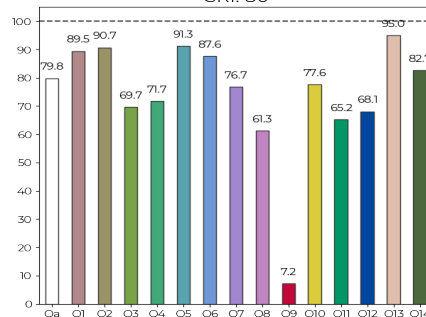
Global Average Values (TM-30)



TLCI-2012: 74

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

CRI: 80



Color Quality Scale (CQS): 88

