

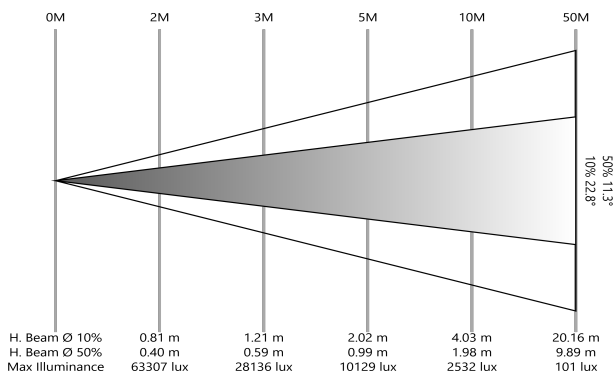
Photometric Report



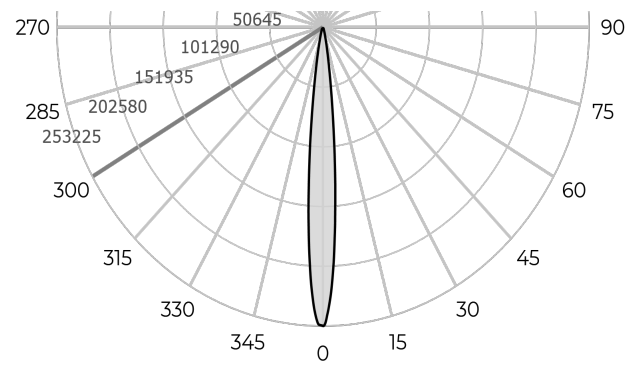
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg CTC at 175 Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	402.0 W
Light Output	15 704 lm
Field Angle H.	22.8 deg
Beam Angle H.	11.3 deg
Field Angle V.	22.8 deg
Beam Angle V.	11.3 deg
Center Beam Intensity	253 228 cd
Color Temperature	5 624 K
CRI	80
CQS	89
TLCI	77
TM30 Rf/Rg	84/112
PPF	249.53 $\mu\text{mol/s}$



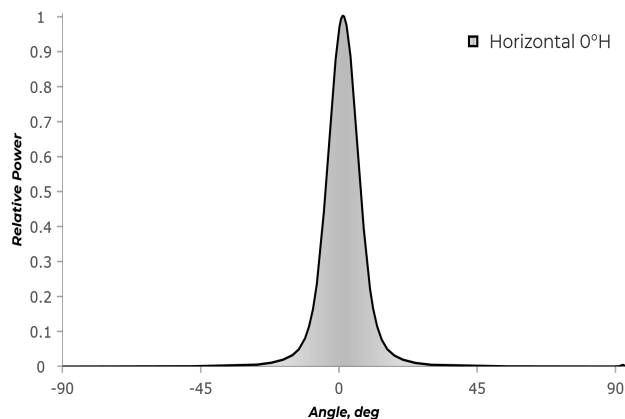
Lux Diagram



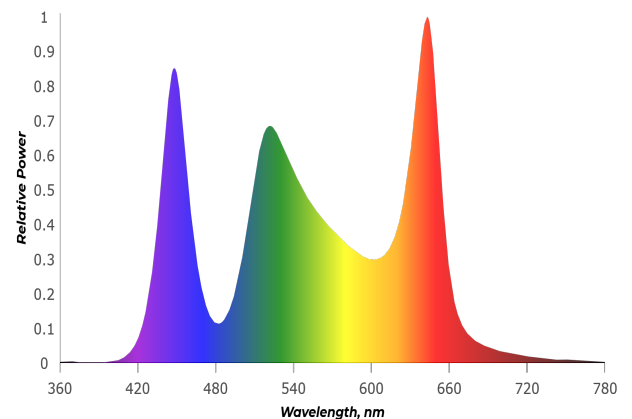
Polar Distribution



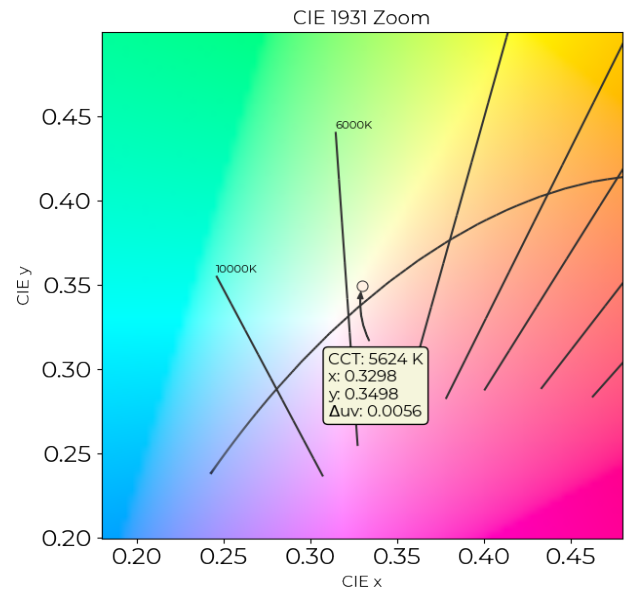
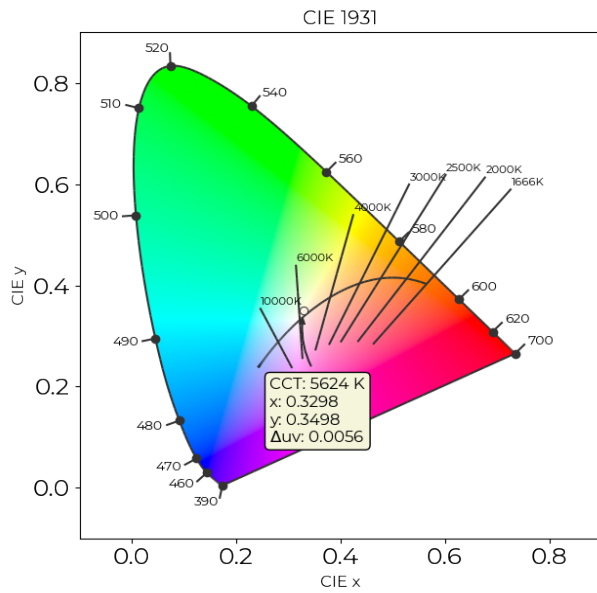
Beam Profile



Spectral Distribution



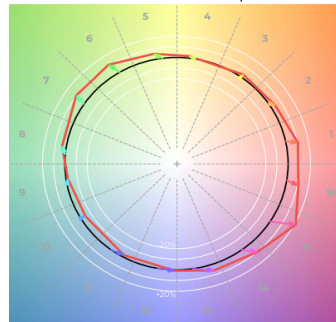
Photometric Report



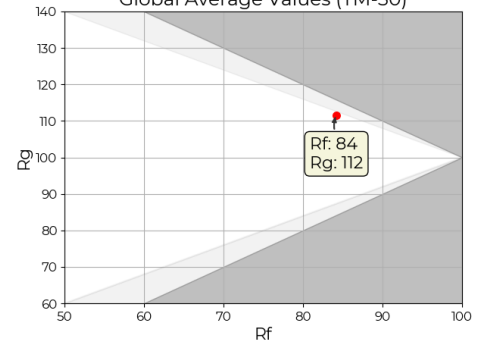
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	78	11%	-4%
2	89	4%	-5%
3	92	3%	-1%
4	90	2%	6%
5	85	6%	7%
6	82	11%	5%
7	83	10%	-3%
8	86	4%	-7%
9	92	-2%	-6%
10	91	-5%	1%
11	80	-2%	13%
12	78	-1%	16%
13	79	5%	19%
14	78	9%	11%
15	76	21%	10%
16	80	11%	-3%

Color Vector Graphics



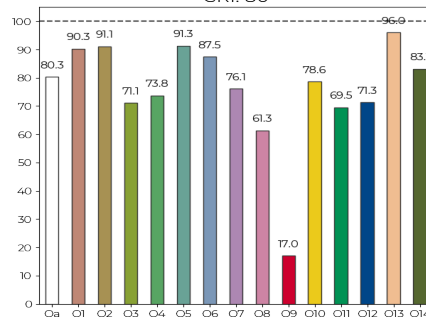
Global Average Values (TM-30)



TLCI-2012: 77

Sector	Lightness	Chroma	Hue
Red	-3	-2	0
Red/Yellow	0	0	0
Yellow	0	0	0
Yellow/Green	0	-2	-1
Green	0	-2	0
Green/Cyan	0	-3	4
Cyan	0	-1	3
Cyan/Blue	0	0	3
Blue	0	-2	-1
Blue/Magenta	0	-1	0
Magenta	-1	-2	-1
Magenta/Red	-3	-2	0

CRI: 80



Color Quality Scale (CQS): 89

