

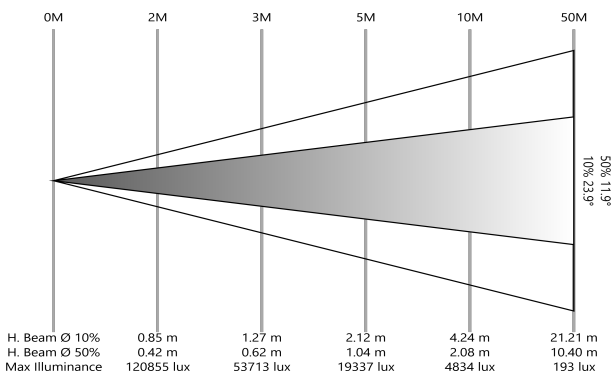
Photometric Report



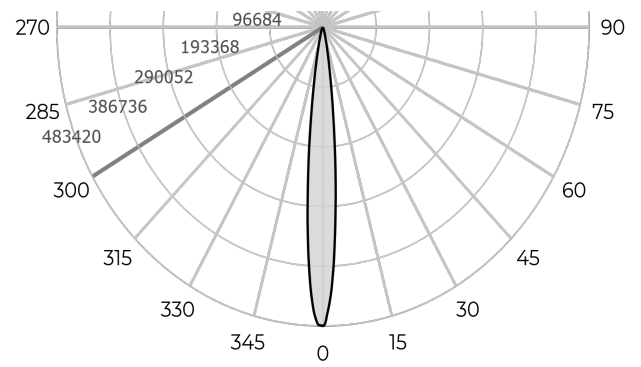
Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg CTC at 240 Peak Preliminary
Measurement Date	30/08/2025
Power Consumption	784.0 W
Light Output	32 225 lm
Field Angle H.	23.9 deg
Beam Angle H.	11.9 deg
Field Angle V.	23.9 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	483 421 cd
Color Temperature	7 399 K
CRI	80
CQS	88
TLCI	78
TM30 Rf/Rg	83/112
PPF	488.36 $\mu\text{mol/s}$



Lux Diagram

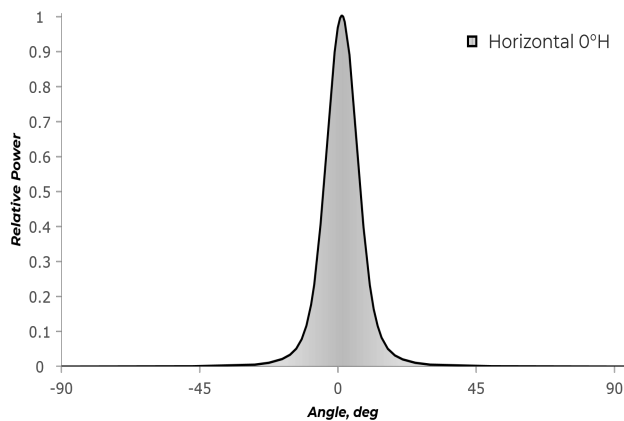


Polar Distribution

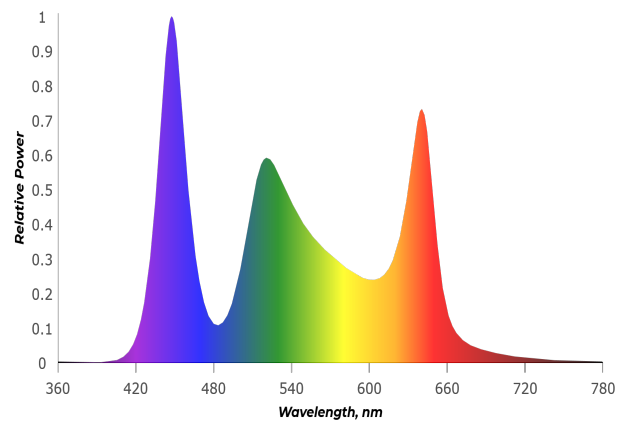


□ Horizontal 0°H

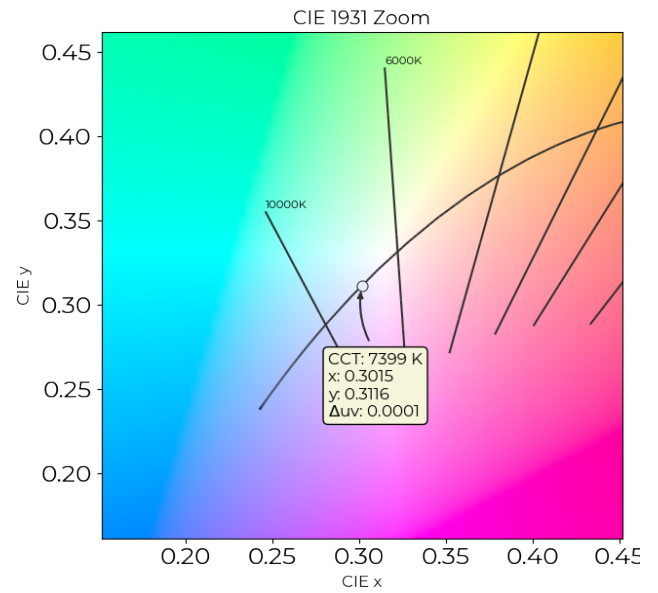
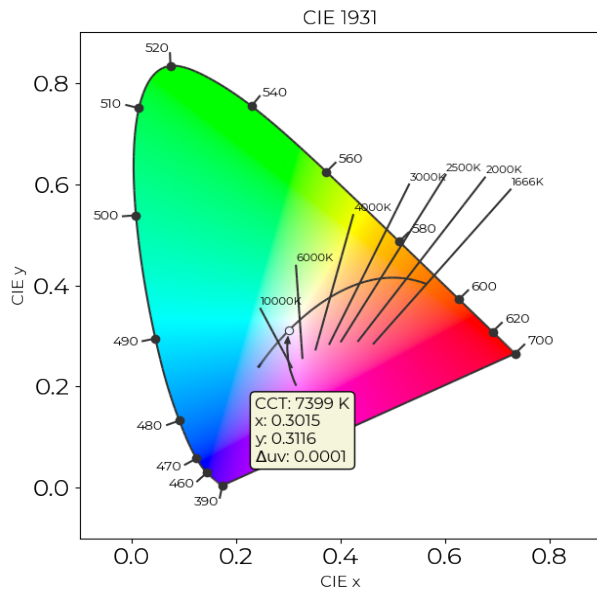
Beam Profile



Spectral Distribution



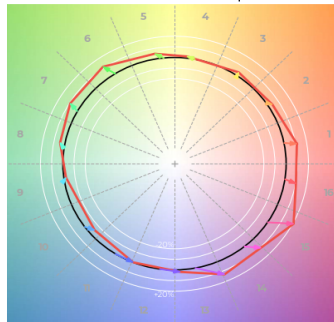
Photometric Report



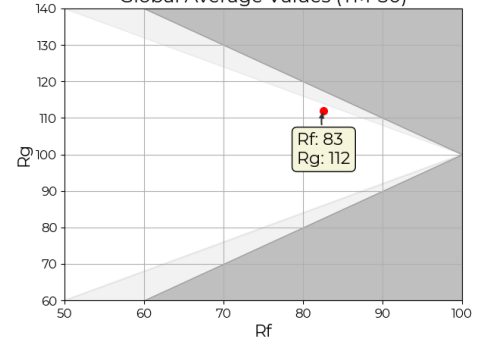
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	78	11%	-3%
2	89	4%	-4%
3	91	3%	0%
4	87	1%	8%
5	83	5%	7%
6	82	11%	5%
7	85	9%	-3%
8	88	4%	-5%
9	93	-2%	-2%
10	87	-6%	8%
11	65	-2%	18%
12	71	-1%	18%
13	75	11%	25%
14	77	9%	12%
15	73	20%	12%
16	80	10%	-2%

Color Vector Graphics



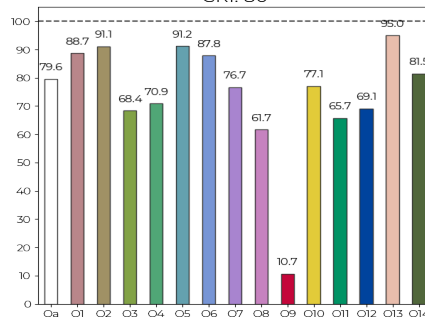
Global Average Values (TM-30)



TLCI-2012: 78

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

CRI: 80



Color Quality Scale (CQS): 88

