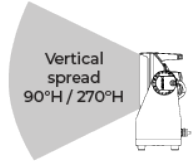


Photometric Report

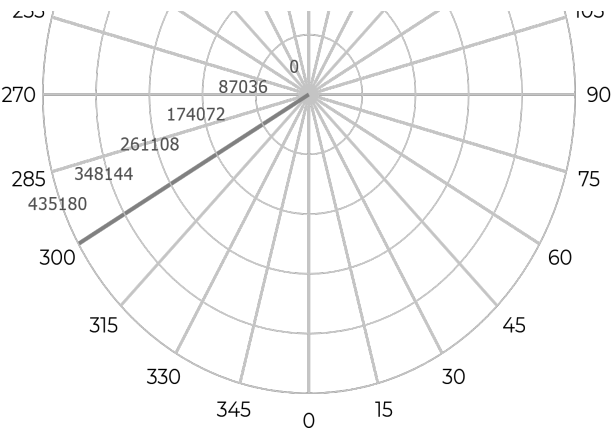


Manufacturer	SGM
Luminaire	Palco 6 RGBL 10deg Yellow Peak Preliminary
Measurement Date	30/08/2025
Power Consumption	719.0 W
Light Output	33 435 lm
Field Angle H.	23.9 deg
Beam Angle H.	11.9 deg
Field Angle V.	23.9 deg
Beam Angle V.	11.9 deg
Center Beam Intensity	500 748 cd
Color Temperature	3 440 K
CRI	82
CQS	56
TLCI	39
TM30 Rf/Rg	81/85
PPF	429.98 µmol/s



Lux Diagram

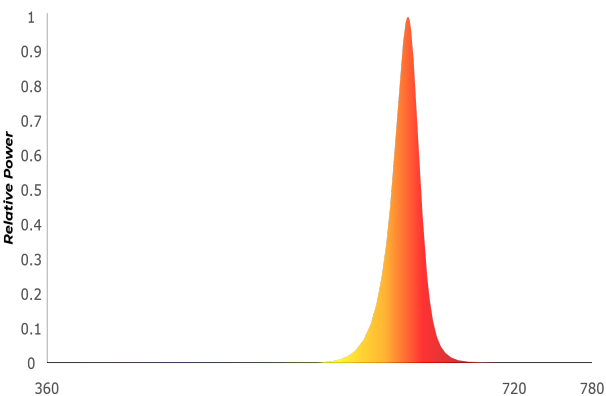
Polar Distribution



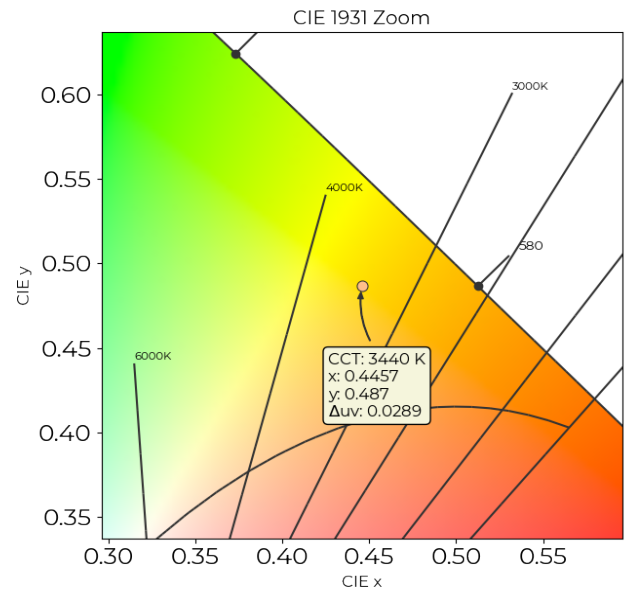
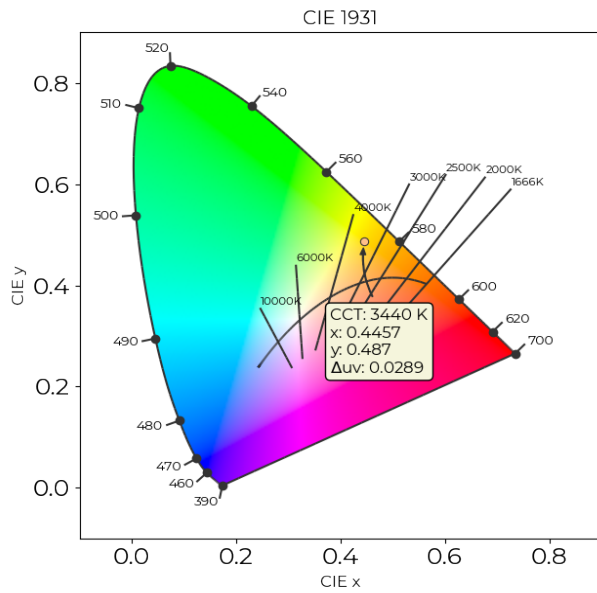
Beam Profile



Spectral Distribution



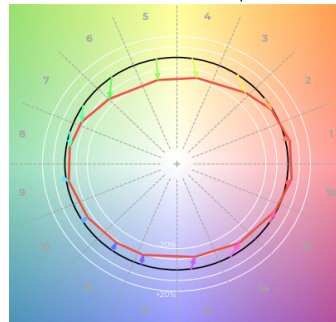
Photometric Report



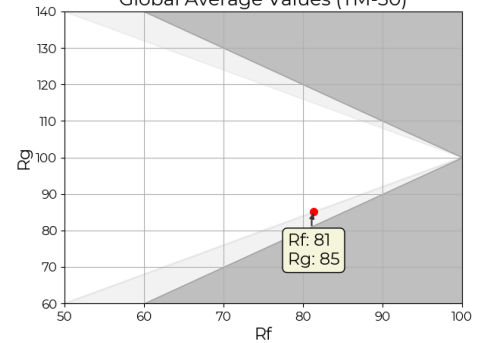
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	90	4%	-3%
2	78	-1%	-12%
3	66	-10%	-15%
4	71	-17%	-8%
5	77	-19%	3%
6	69	-16%	14%
7	76	-8%	14%
8	76	-3%	14%
9	94	-2%	2%
10	90	-6%	0%
11	86	-8%	-1%
12	87	-9%	0%
13	85	-10%	5%
14	82	-6%	14%
15	84	-2%	11%
16	89	4%	5%

Color Vector Graphics



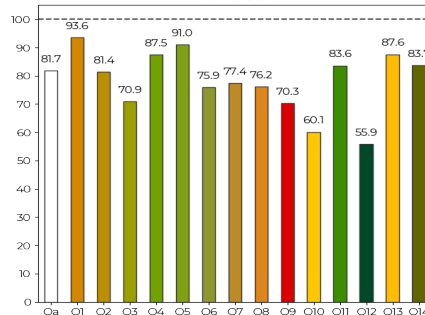
Global Average Values (TM-30)



TLCI-2012: 39

Sector	Lightness	Chroma	Hue
Red	0	0	1
Red/Yellow	0	4	6
Yellow	-1	9	2
Yellow/Green	-2	9	-6
Green	-1	3	-5
Green/Cyan	-2	4	-7
Cyan	0	0	-2
Cyan/Blue	0	2	4
Blue	3	5	1
Blue/Magenta	2	3	1
Magenta	0	2	-3
Magenta/Red	0	0	-6

CRI: 82



Color Quality Scale (CQS): 56

