

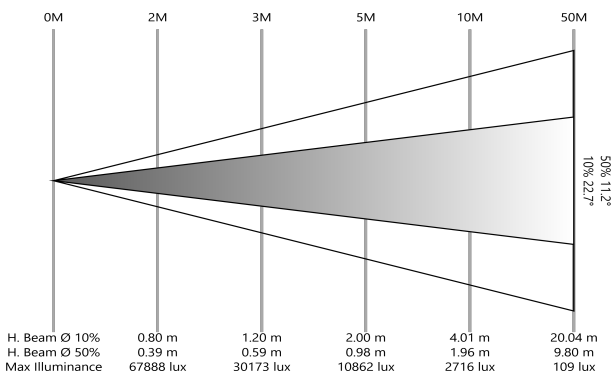
Photometric Report



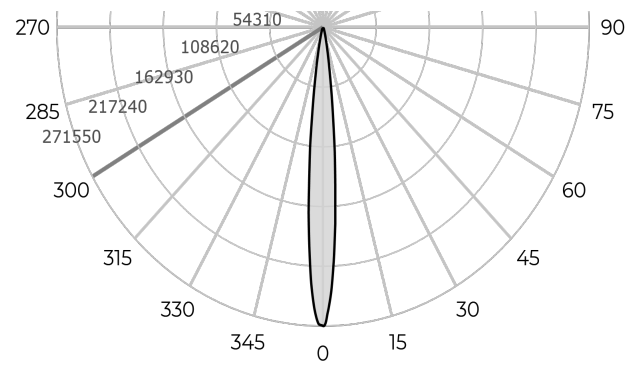
Manufacturer	SGM
Luminaire	Palco 3 RGBL 10deg Yellow Peak Preliminary
Measurement Date	22/08/2025
Power Consumption	400.0 W
Light Output	16 607 lm
Field Angle H.	22.7 deg
Beam Angle H.	11.2 deg
Field Angle V.	22.7 deg
Beam Angle V.	11.2 deg
Center Beam Intensity	271 553 cd
Color Temperature	3 722 K
CRI	79
CQS	52
TLCI	32
TM30 Rf/Rg	78/82
PPF	234.33 $\mu\text{mol/s}$



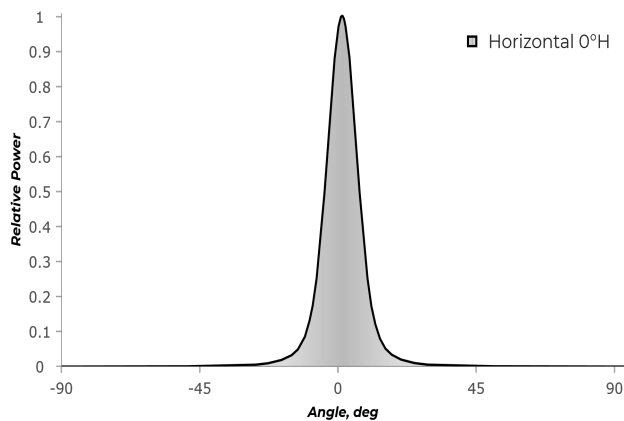
Lux Diagram



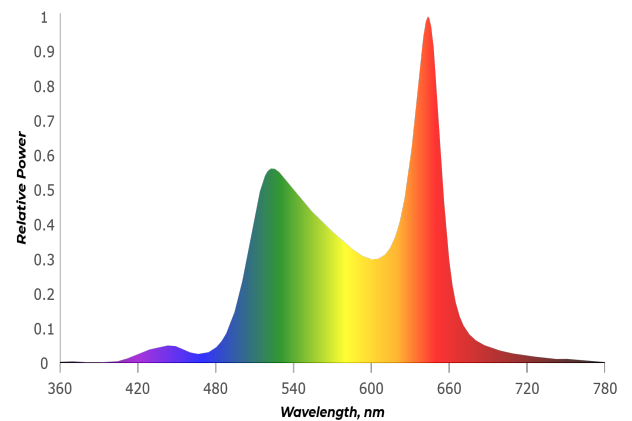
Polar Distribution



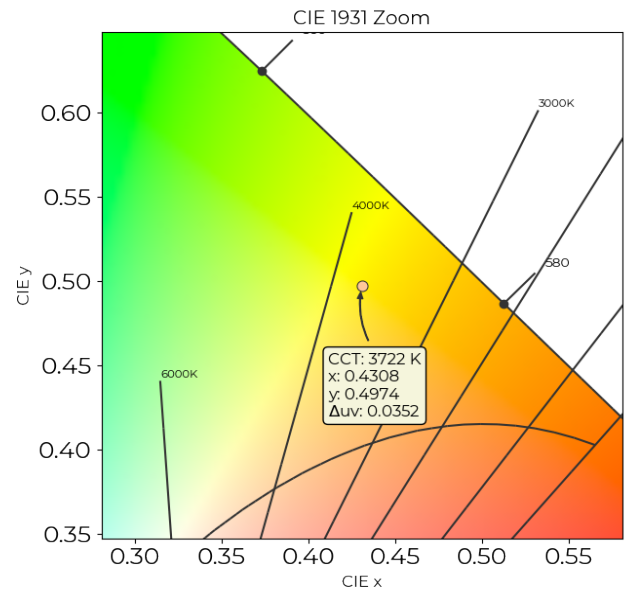
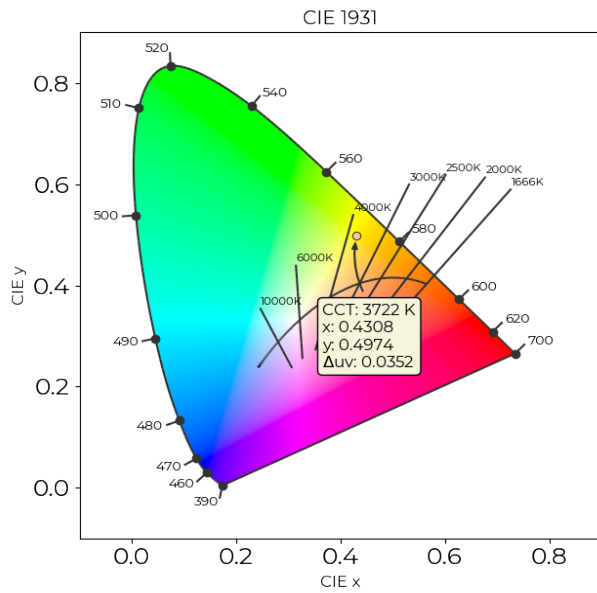
Beam Profile



Spectral Distribution



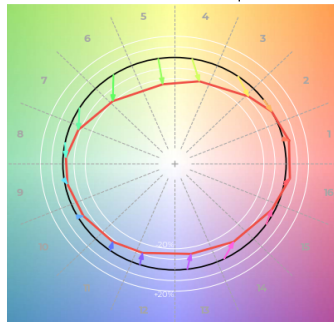
Photometric Report



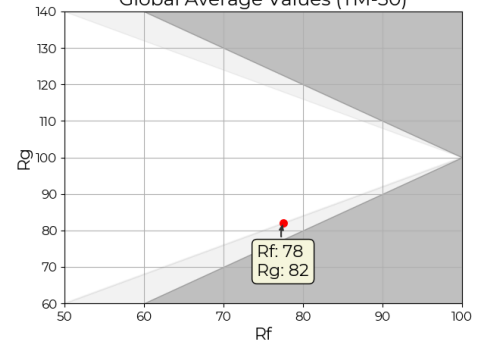
Local Average Values

Hue Bin	Rf	Chroma	Hue
1	89	5%	-2%
2	76	0%	-13%
3	61	-10%	-18%
4	66	-20%	-11%
5	68	-25%	1%
6	65	-20%	14%
7	70	-11%	18%
8	76	-4%	14%
9	89	-2%	5%
10	88	-5%	2%
11	87	-8%	-3%
12	81	-11%	0%
13	81	-13%	6%
14	80	-9%	16%
15	79	-3%	14%
16	86	4%	7%

Color Vector Graphics



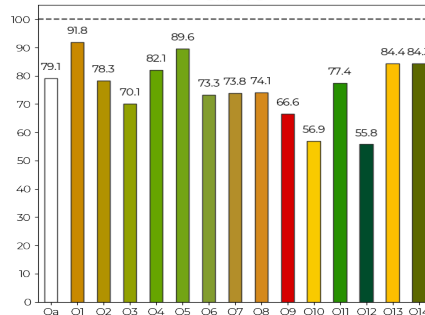
Global Average Values (TM-30)



TLCI-2012: 32

Sector	Lightness	Chroma	Hue
Red	0	0	2
Red/Yellow	0	6	8
Yellow	-1	10	3
Yellow/Green	-2	10	-7
Green	-1	3	-5
Green/Cyan	-2	5	-8
Cyan	-1	0	-4
Cyan/Blue	0	2	5
Blue	3	6	2
Blue/Magenta	2	4	1
Magenta	0	3	-5
Magenta/Red	0	1	-1

CRI: 79



Color Quality Scale (CQS): 52

