



ALL TOGETHER BRILLIANT

Light efficiency:

95 Lumen/Watt

Light quality:

CRI: 85,0

Color temperature:

2714 K

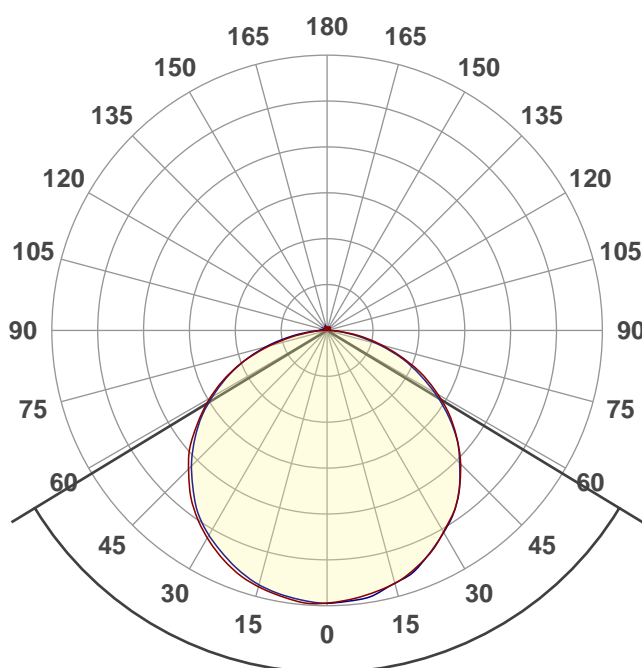
Output: 500 lm

Peak: 163 cd

Power: 5,3 W

24,0V @ 0,220A

6 PLANES



Beam angle

117,4°

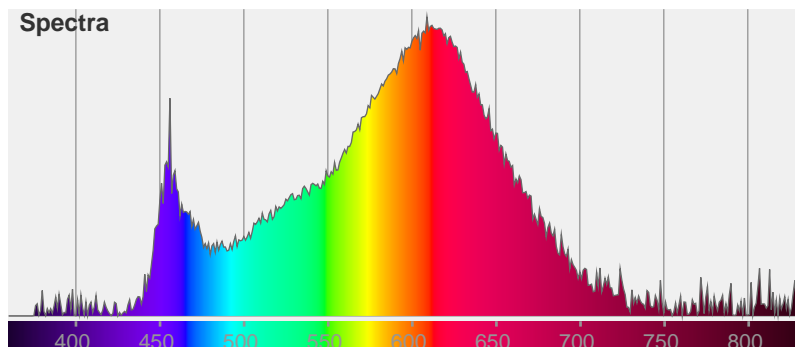
Color

CIE1931

x: 0,449

y: 0,393

Spectra



No photo

Product name:

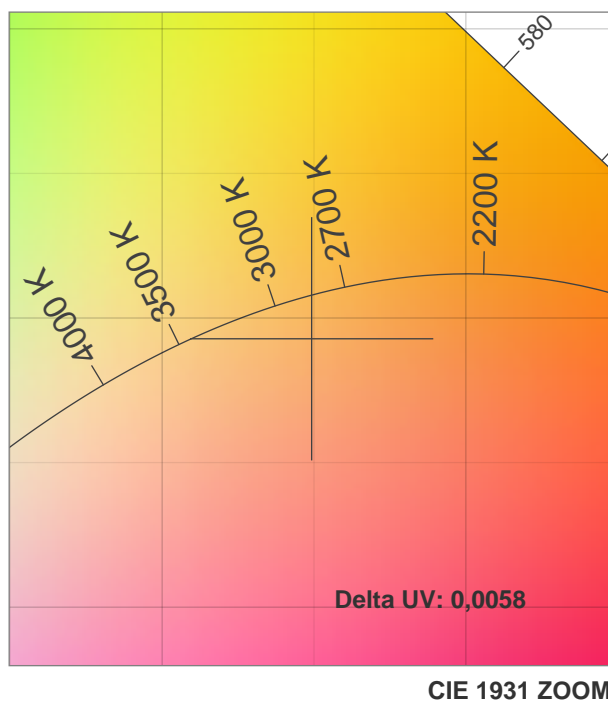
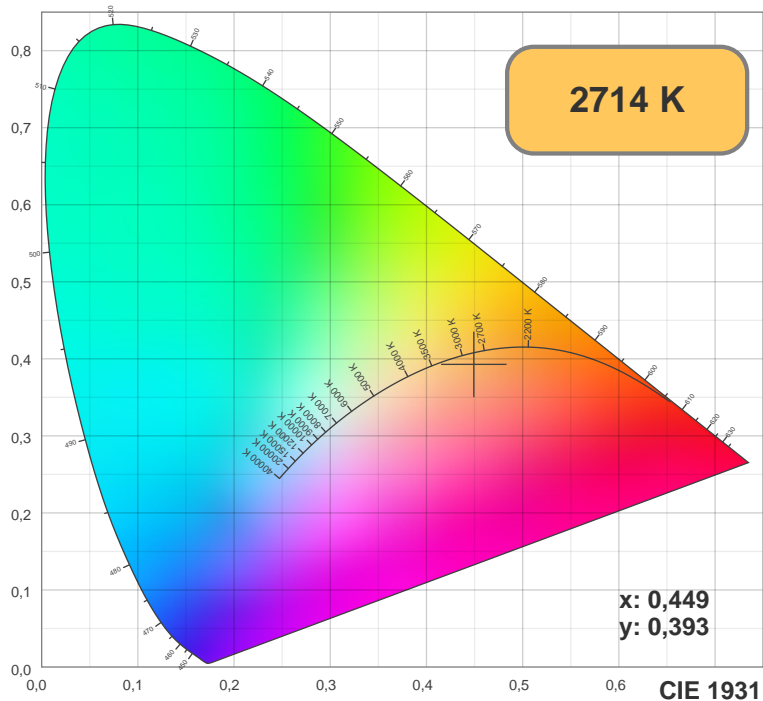
PS3030+6 (Weiss)

Date and time:

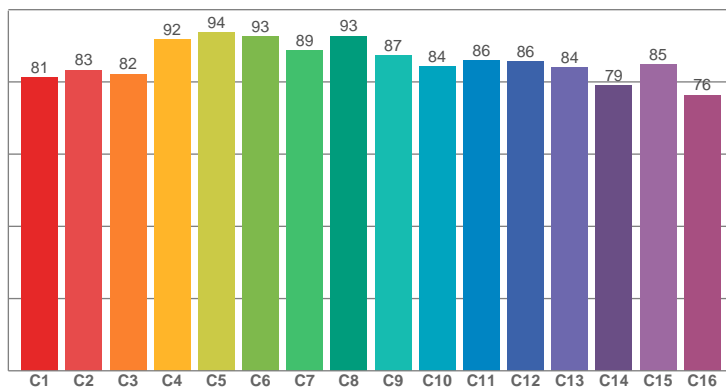
06.02.2018 09:52:05

Item number:

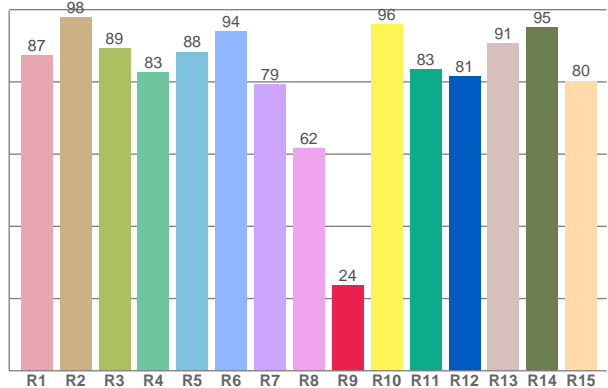
PS3030+6 (Weiss)



TM30: 85,8



CRI: 85,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
87,23	97,90	89,23	82,66	88,28	94,02	79,26	61,62	23,63	95,87	83,43	81,46	90,61	95,09	80,27

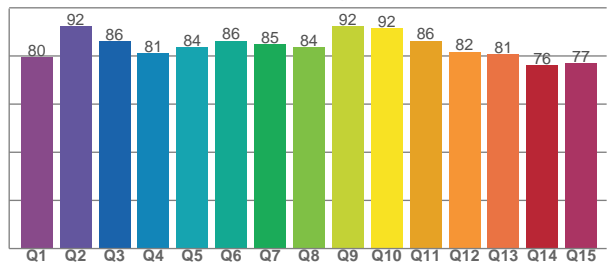
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81,30	83,35	82,21	91,71	93,67	92,51	88,80	92,70	87,31	84,29	85,87	85,73	84,08	79,06	84,84	76,36

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,56	92,40	86,24	81,19	83,82	86,38	84,94	83,79	92,36	91,56	86,33	81,80	80,72	76,29	76,97

CQS: 83,4

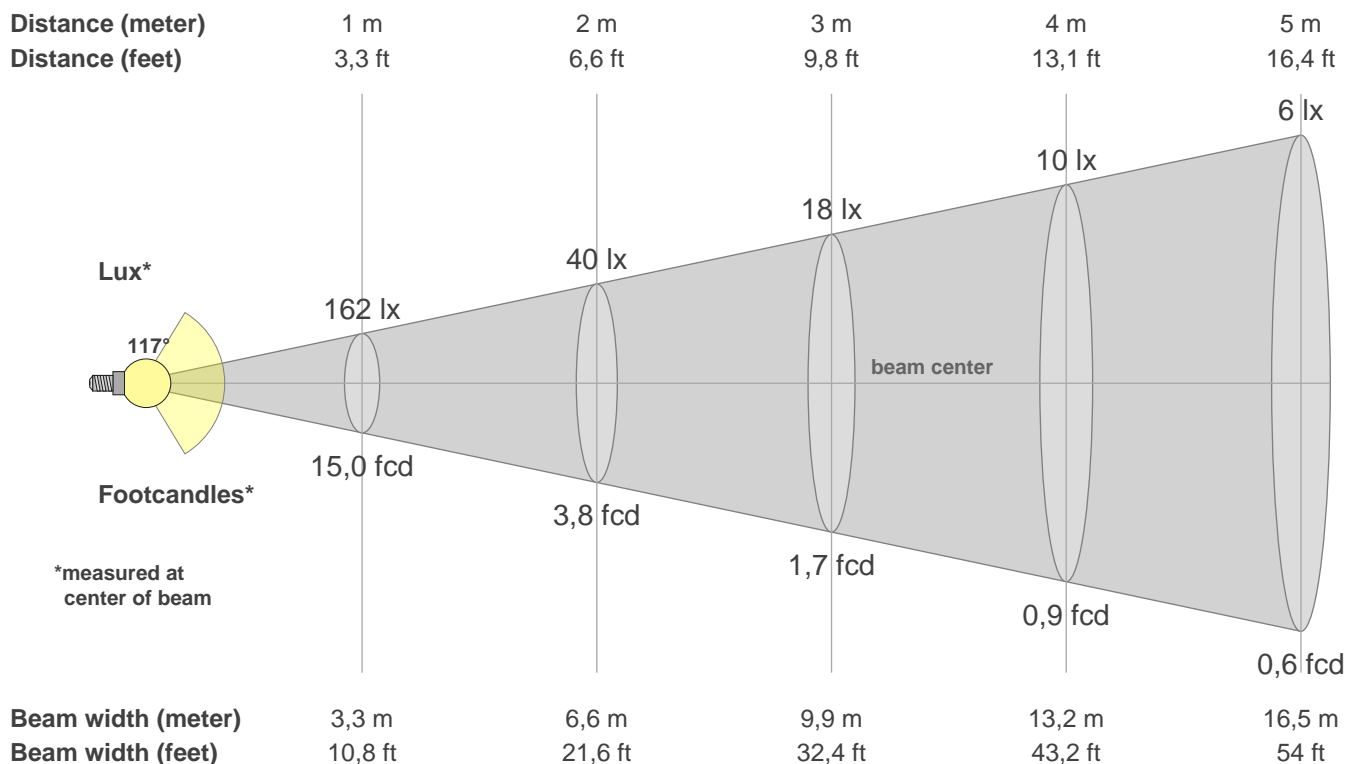


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2714 K	85,0	23,6	85,8	96,3	83,4	0,4	0,4	0,3	0,3	-0,0058

Beam details

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Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
162	160	158	156	151	146	138	131	122	112	101	89	76	63	48	34	21	9	2	1
100%	99%	98%	96%	93%	90%	86%	81%	76%	69%	62%	55%	47%	39%	30%	21%	13%	6%	2%	1%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
162	161	160	156	152	145	139	131	122	111	101	88	74	60	46	31	18	7	2	1
100%	100%	99%	96%	94%	90%	86%	81%	76%	69%	62%	54%	46%	37%	29%	19%	11%	5%	1%	1%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
162	162	160	158	154	149	142	135	126	116	106	93	80	67	52	36	21	9	3	2
100%	100%	99%	97%	95%	92%	88%	83%	78%	72%	65%	58%	50%	41%	32%	22%	13%	6%	2%	1%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
162	161	159	156	152	146	140	133	124	114	103	92	79	66	52	38	23	12	4	2
100%	100%	98%	97%	94%	91%	87%	82%	77%	70%	64%	57%	49%	41%	32%	23%	15%	7%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,4°	163,5°	177,3°	75,6%	50,7%