

Effizienz:

**101 Lumen/Watt**

Farbwiedergabeindex:

**CRI: 86,5**

Farbtemperatur:

**4164 K**

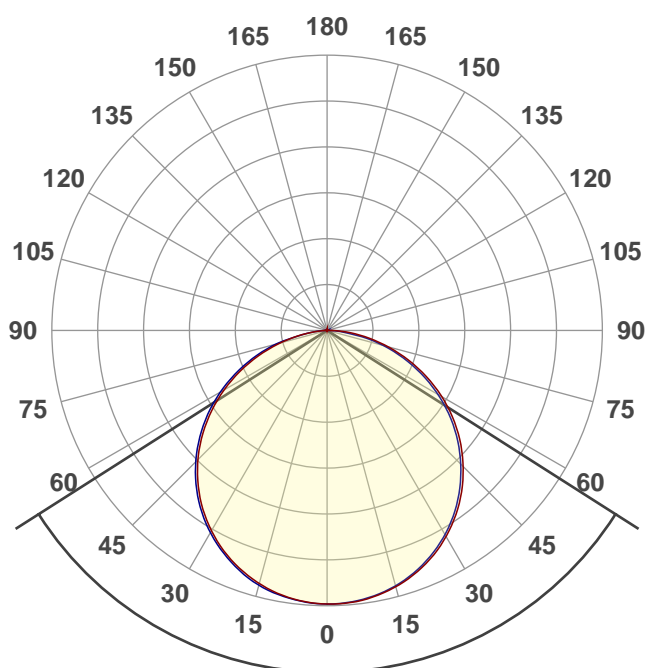
**Lichtstrom: 2341 lm**

**Lichtstärke: 794 cd**

**Leistung: 23,1 W**

**Power-Faktor: 0,58**

2 PLANES



Abstrahlwinkel

**115°**

Farbe

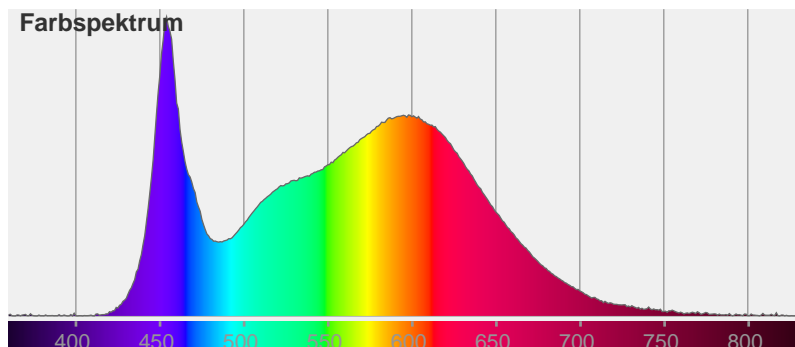


CIE1931

x: 0,370

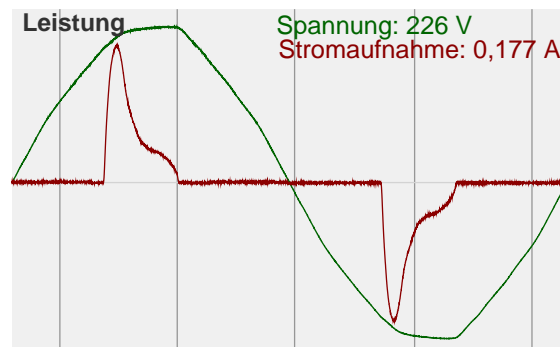
y: 0,356

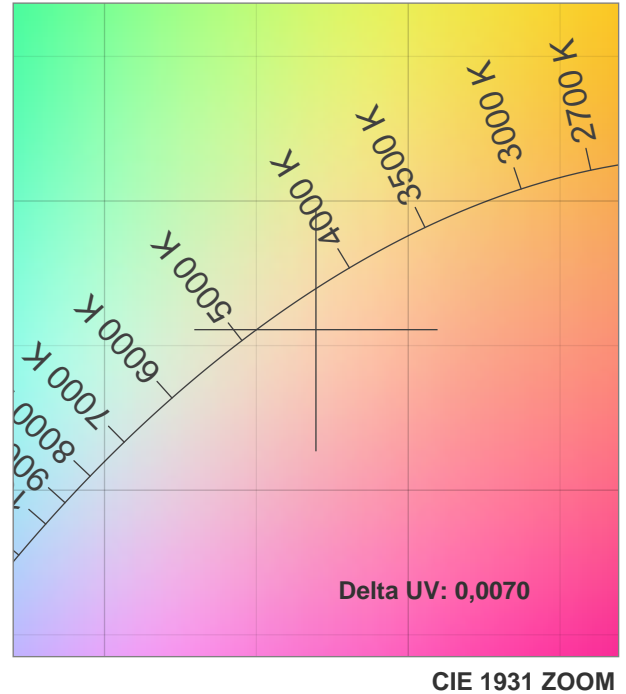
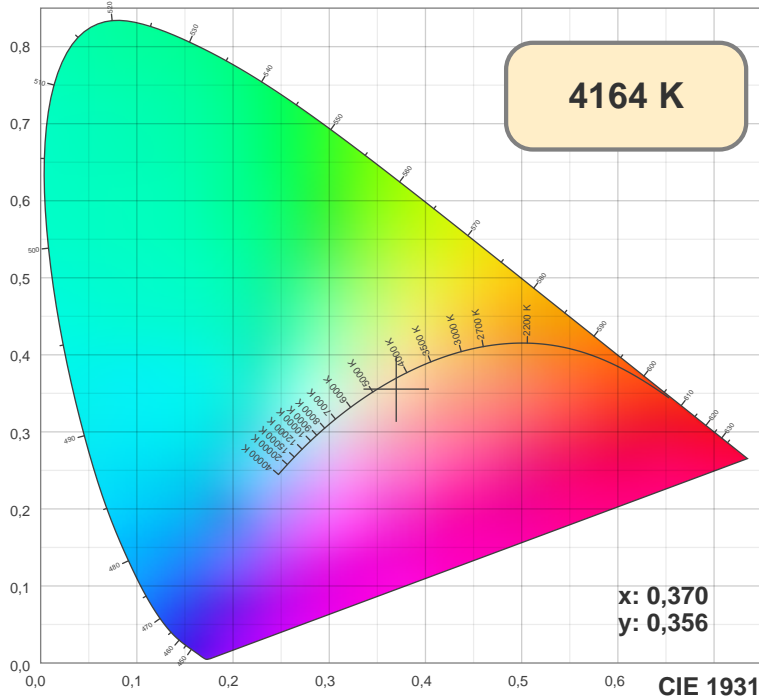
Farbspektrum



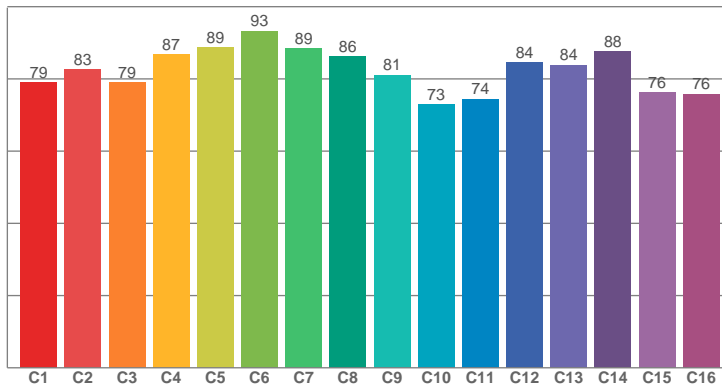
Leistung

Spannung: 226 V  
Stromaufnahme: 0,177 A

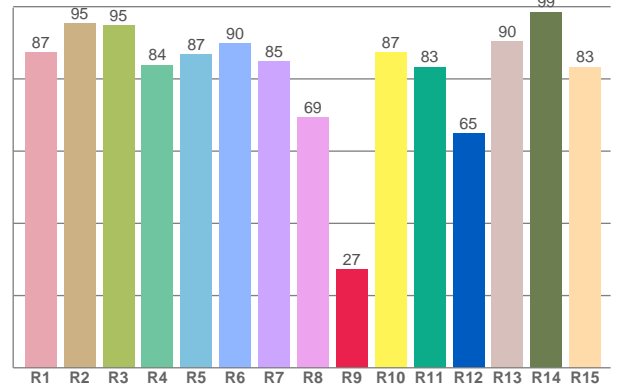




TM30: 82,2



CRI: 86,5 (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
87,41	95,34	94,90	83,88	86,74	89,76	84,75	69,43	27,18	87,34	83,34	64,98	90,41	98,52	83,34

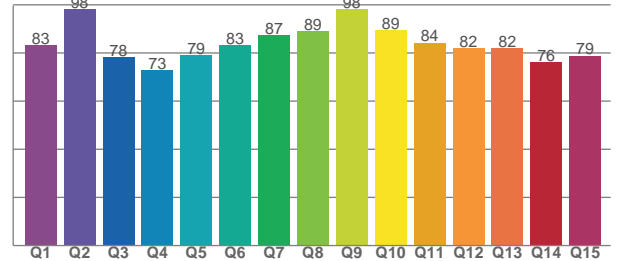
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,05	82,55	79,00	86,79	88,68	93,31	88,51	86,30	81,06	72,87	74,46	84,48	83,86	87,69	76,31	75,84

CQS Q values

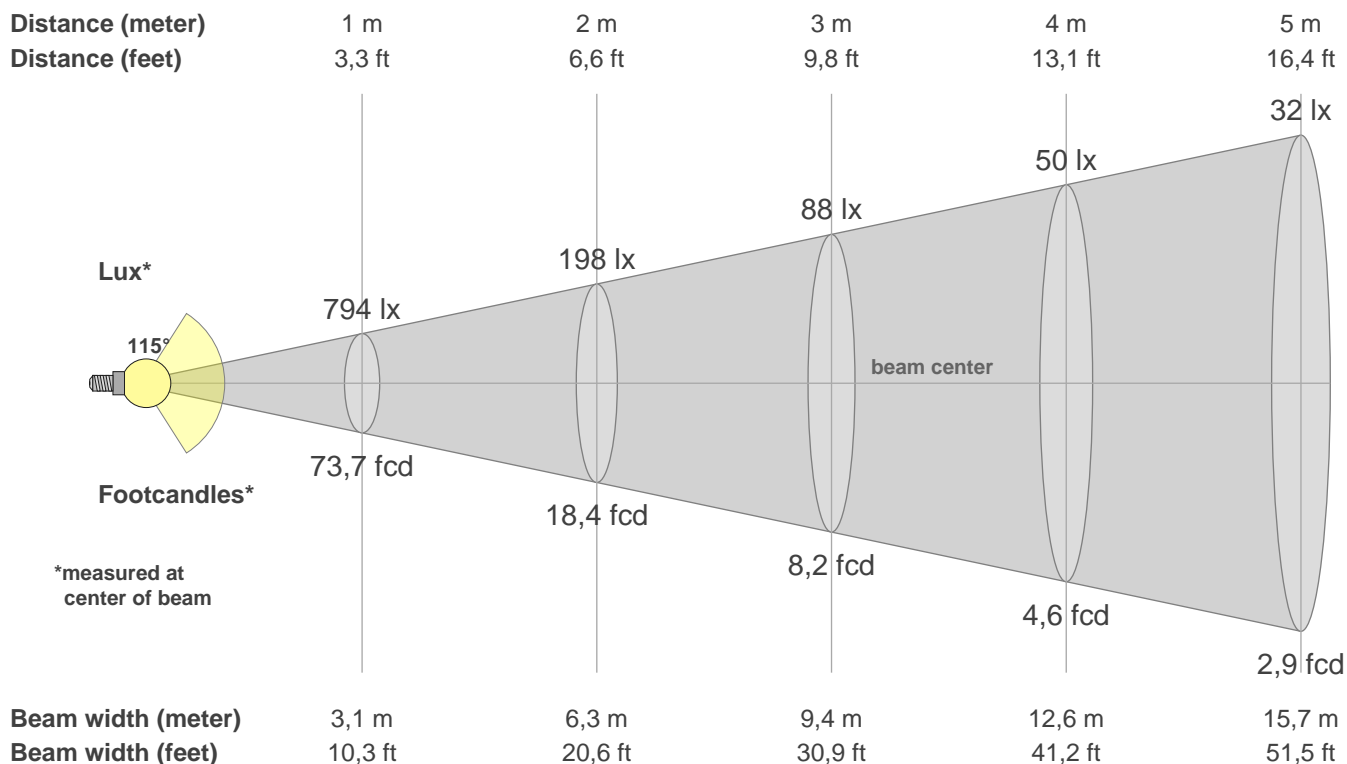
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,24	98,14	78,26	72,80	79,06	83,40	87,44	89,20	98,16	89,47	84,27	81,87	82,08	76,24	78,91

CQS: 82,7



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4164 K	86,5	27,2	82,2	95,5	82,7	0,4	0,4	0,2	0,3	-0,0070



## 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°
794	792	784	770	749	723	690	652	608	558	505	447	385	319	251	183	119	62	18	0
100%	100%	99%	97%	94%	91%	87%	82%	77%	70%	64%	56%	48%	40%	32%	23%	15%	8%	2%	0%

## 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°
794	791	782	767	746	718	684	645	599	549	494	435	371	305	237	169	100	39	9	0
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	55%	47%	38%	30%	21%	13%	5%	1%	0%

## 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°
794	789	778	760	736	707	671	630	582	530	472	410	345	277	209	142	80	29	2	0
100%	99%	98%	96%	93%	89%	85%	79%	73%	67%	60%	52%	43%	35%	26%	18%	10%	4%	0%	0%

## 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°
794	790	780	765	742	712	677	637	590	539	482	422	358	291	223	154	75	29	2	0
100%	100%	98%	96%	93%	90%	85%	80%	74%	68%	61%	53%	45%	37%	28%	19%	9%	4%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,0°	162,3°	175,0°	77,9%	52,6%