



Light quality:

CRI: 92,4

Color temperature:

3129 K

Output: 730 lm

Peak: 379 cd

Power: 13,0 W

24,0V @ 0,540A



Product name:

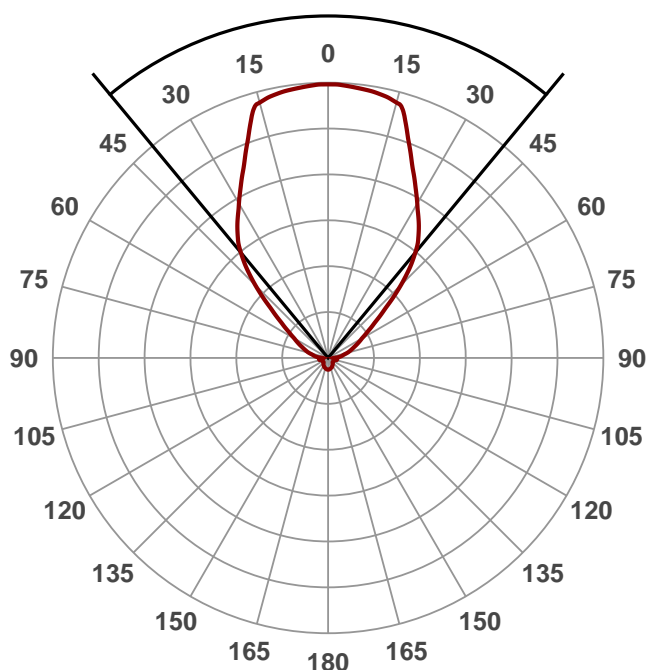
BLOC MP 13W 3000K - 300mm

Date and time:

6-5-2017 10:37:06

Beam angle

79,2°



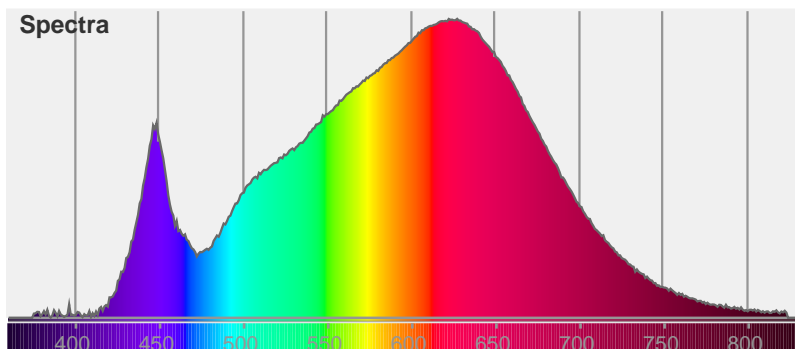
Color

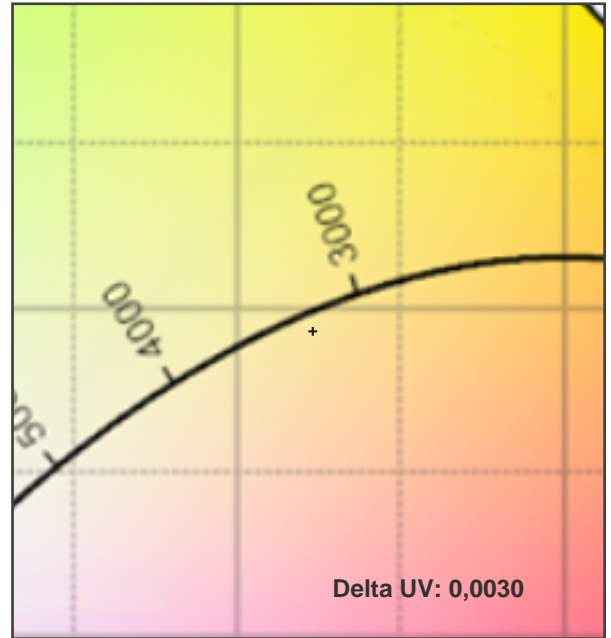
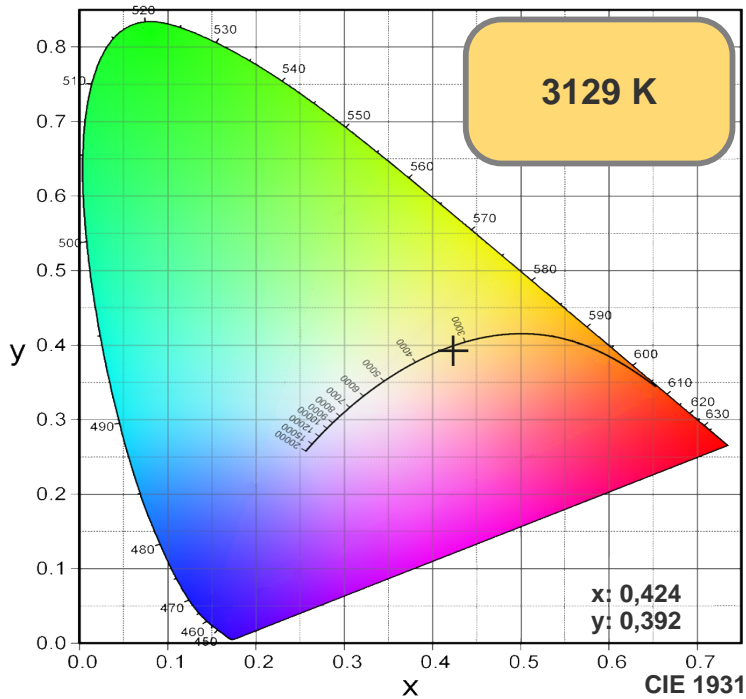
CIE1931

x: 0,424

y: 0,392

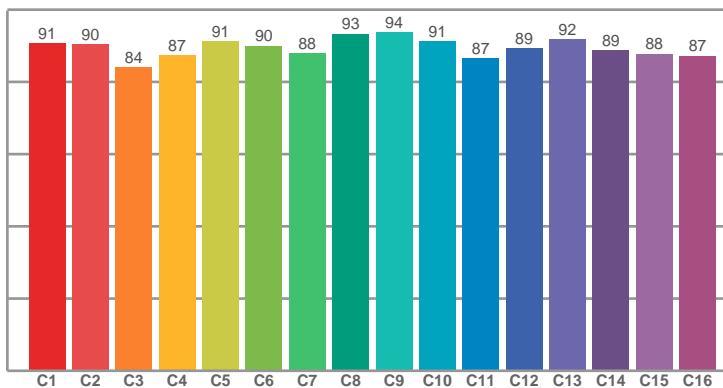
Spectra



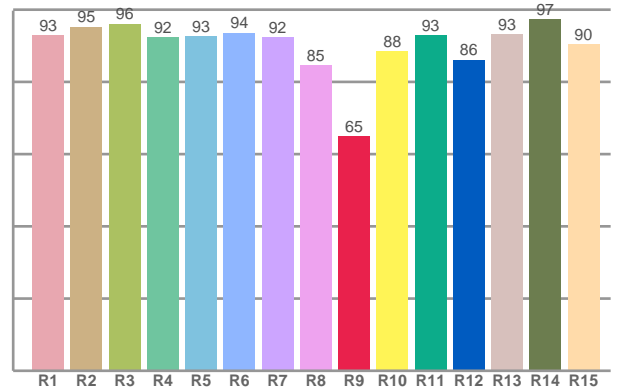


COLOR

TM30: 89,5



CRI: 92,4 (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
92,81	95,24	96,09	92,35	92,68	93,57	92,24	84,60	64,96	88,46	92,91	86,10	93,24	97,38	90,47

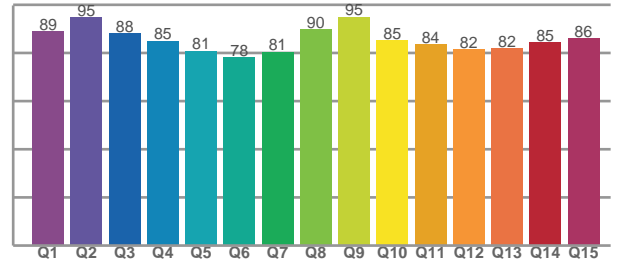
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,70	90,39	84,03	87,38	91,22	89,98	87,94	93,25	93,74	91,25	86,55	89,22	91,85	88,62	87,73	87,16

CQS Q values

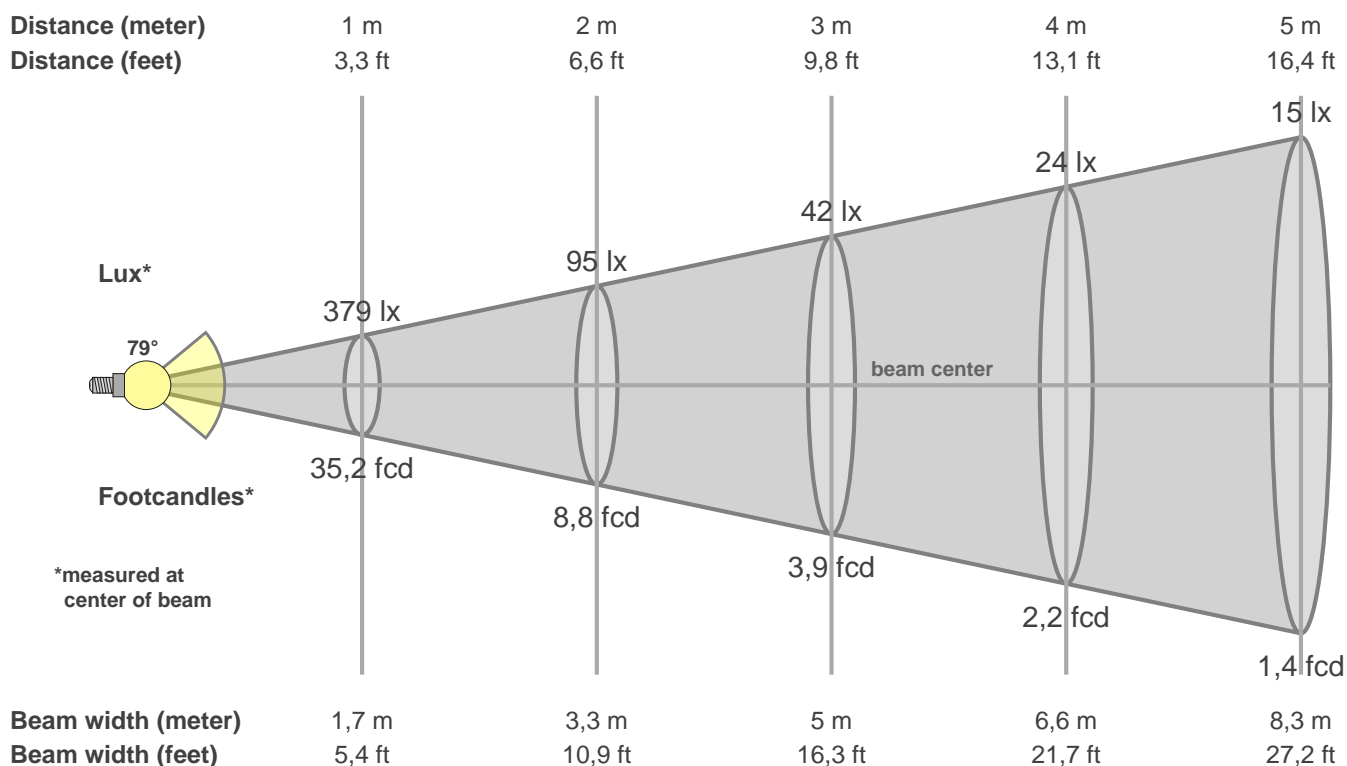
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89,23	94,84	88,37	85,15	80,98	78,28	80,58	90,06	95,05	85,29	83,59	81,57	82,06	84,65	86,15

CQS: 84,8



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3129 K	92,4	65,0	89,5	102,4	84,8	0,4	0,4	0,2	0,3	0,0030



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°
379	377	374	366	324	281	247	219	187	143	99	72	54	44	35	28	21	16	8	8
100%	99%	99%	97%	85%	74%	65%	58%	49%	38%	26%	19%	14%	12%	9%	7%	5%	4%	2%	2%

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°
379	377	374	366	324	281	247	219	187	143	99	72	54	44	35	28	21	16	8	8
100%	99%	99%	97%	85%	74%	65%	58%	49%	38%	26%	19%	14%	12%	9%	7%	5%	4%	2%	2%

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°
379	377	374	366	324	281	247	219	187	143	99	72	54	44	35	28	21	16	8	8
100%	99%	99%	97%	85%	74%	65%	58%	49%	38%	26%	19%	14%	12%	9%	7%	5%	4%	2%	2%

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°
379	377	374	366	324	281	247	219	187	143	99	72	54	44	35	28	21	16	8	8
100%	99%	99%	97%	85%	74%	65%	58%	49%	38%	26%	19%	14%	12%	9%	7%	5%	4%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79,2°	136,1°	360,0°	79,2%	63,6%