Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 97,5

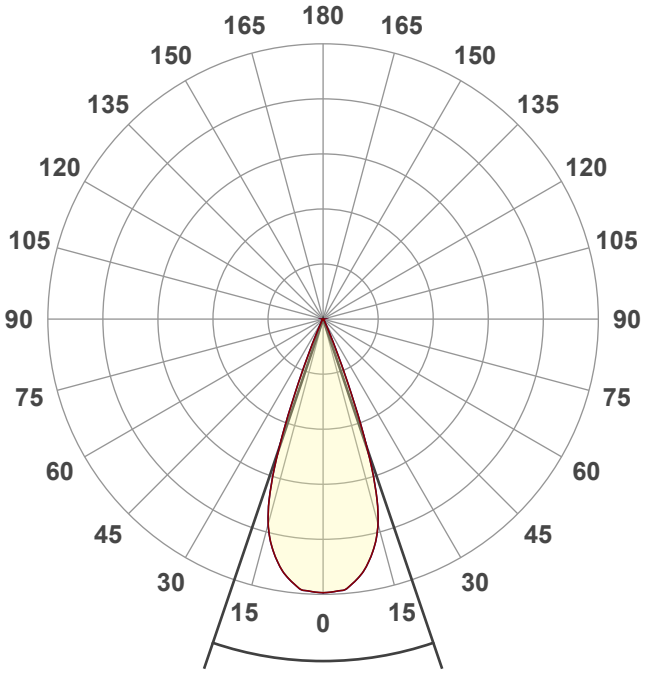
Color temperature:

4000 K

Output: 7660 lm
Peak: 22659 cd

Power: 140,9 W
PF: 0,96

18 PLANES



Beam angle

37,6°

No photo

Product name:

MT-150 Pos2 4000 K

Date and time:

22-05-2026 15:24:15

Item number:

MT-150 28/42 50300001-A

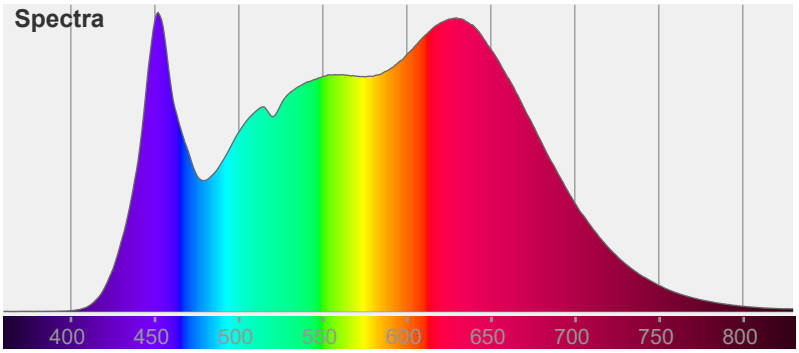
Operator:

AB

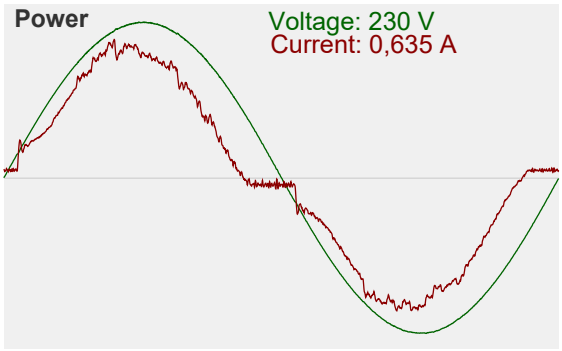
Color

CIE1931
x: 0,376
y: 0,364

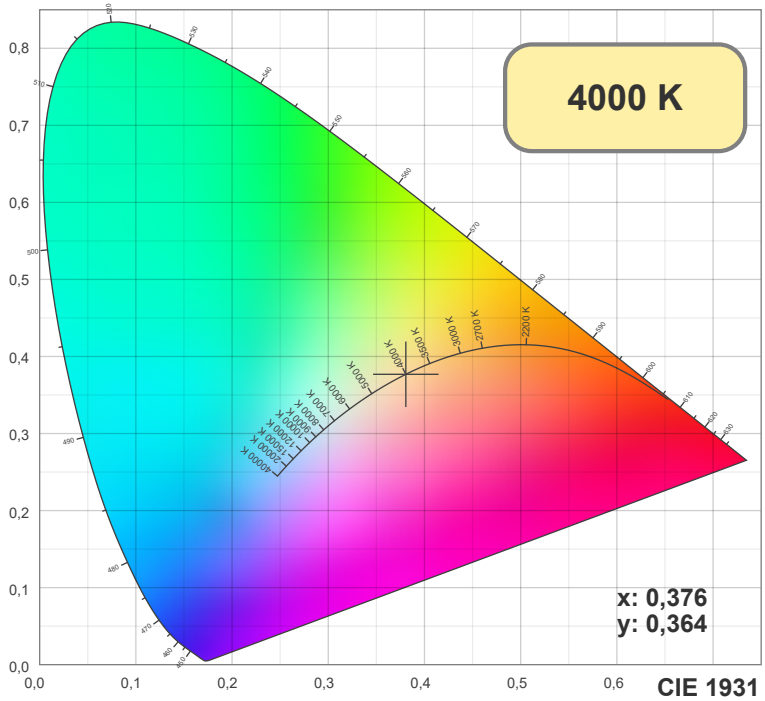
Spectra



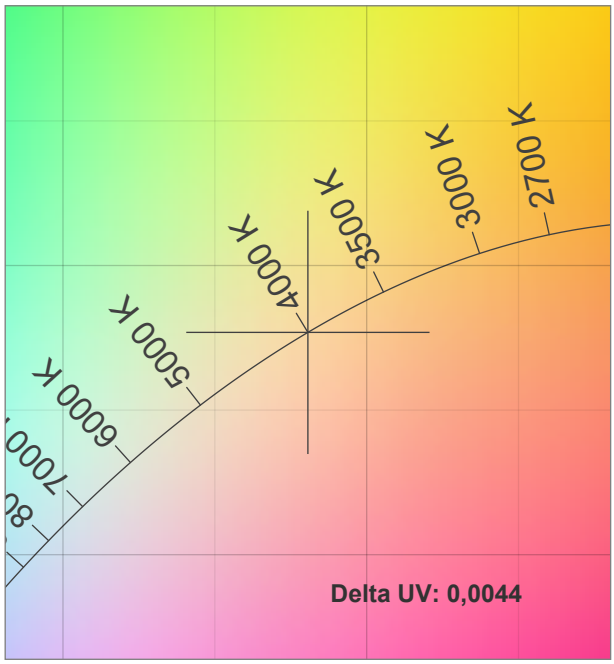
Power



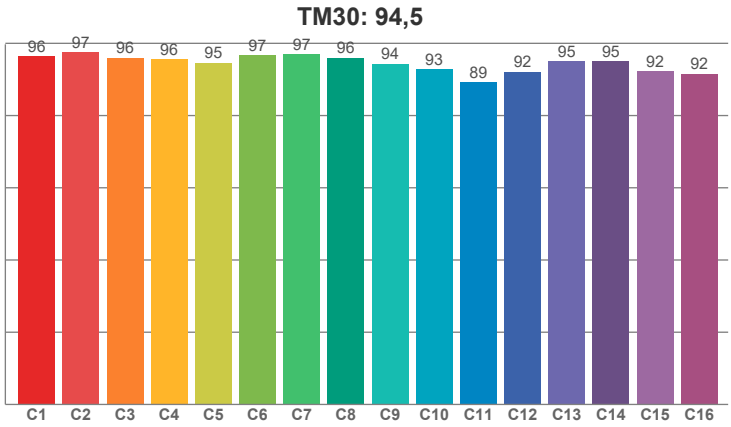
Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com

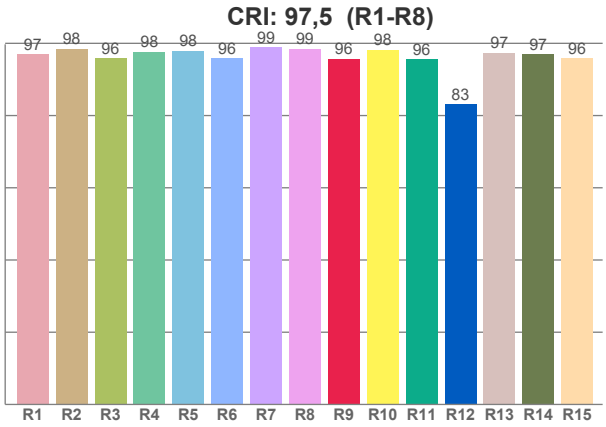


CIE 1931



CIE 1931 ZOOM





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

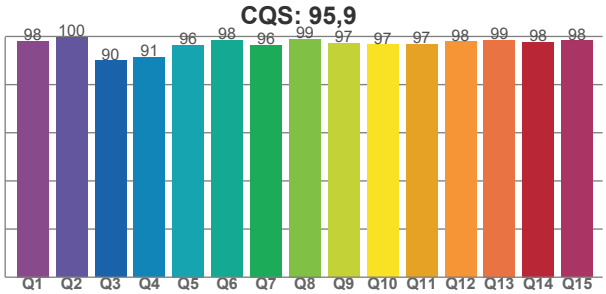
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,99	98,49	95,87	97,61	97,95	95,93	98,98	98,52	95,75	98,17	95,53	83,19	97,35	96,96	95,85

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
96,42	97,46	96,01	95,65	94,62	96,67	96,99	96,00	94,30	92,77	89,28	92,15	94,99	95,08	92,19	91,56

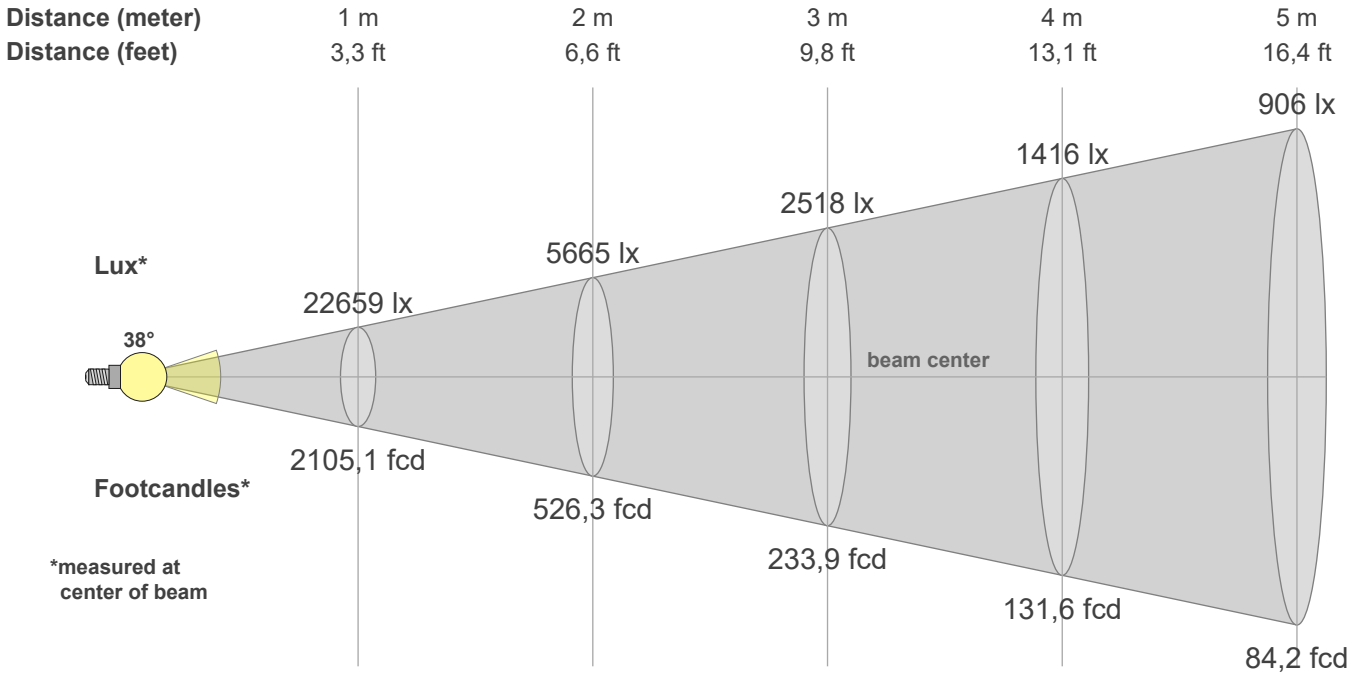
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,05	99,54	89,96	91,24	96,47	98,35	96,39	98,90	97,16	96,59	96,72	97,85	98,57	97,77	98,25



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4000 K	97,5	95,7	94,5	102,1	95,9	0,4	0,4	0,2	0,3	-0,0044



Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
22,7K	22,6K	22,5K	22,1K	21,5K	20,7K	19,7K	18,4K	16,4K	13,2K	8,5K	4,1K	1,7K	0,8K	0,5K	0,3K	0,3K	0,2K	0,1K	0,1K
100%	100%	99%	98%	95%	92%	87%	81%	72%	58%	37%	18%	8%	4%	2%	2%	1%	1%	1%	1%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
22,7K	22,6K	22,5K	22,1K	21,5K	20,7K	19,7K	18,4K	16,4K	13,2K	8,5K	4,1K	1,7K	0,8K	0,5K	0,3K	0,3K	0,2K	0,1K	0,1K
100%	100%	99%	98%	95%	92%	87%	81%	72%	58%	37%	18%	8%	4%	2%	2%	1%	1%	1%	1%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
22,7K	22,6K	22,5K	22,1K	21,5K	20,7K	19,7K	18,4K	16,4K	13,2K	8,5K	4,1K	1,7K	0,8K	0,5K	0,3K	0,3K	0,2K	0,1K	0,1K
100%	100%	99%	98%	95%	92%	87%	81%	72%	58%	37%	18%	8%	4%	2%	2%	1%	1%	1%	1%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
22,7K	22,6K	22,5K	22,1K	21,5K	20,7K	19,7K	18,4K	16,4K	13,2K	8,5K	4,1K	1,7K	0,8K	0,5K	0,3K	0,3K	0,2K	0,1K	0,1K
100%	100%	99%	98%	95%	92%	87%	81%	72%	58%	37%	18%	8%	4%	2%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
37,6°	46,8°	54,3°	100,0%	99,8%