

Light quality:

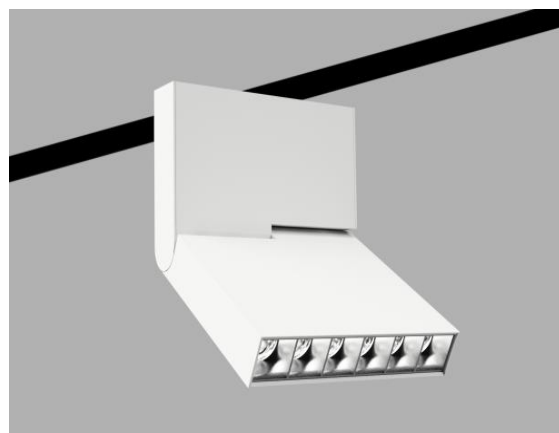
CRI: 93,0

Color temperature:

2743 K

Output: 536 lm
Peak: 2044 cd

Power: 9,6 W
24,0V @ 0,400A

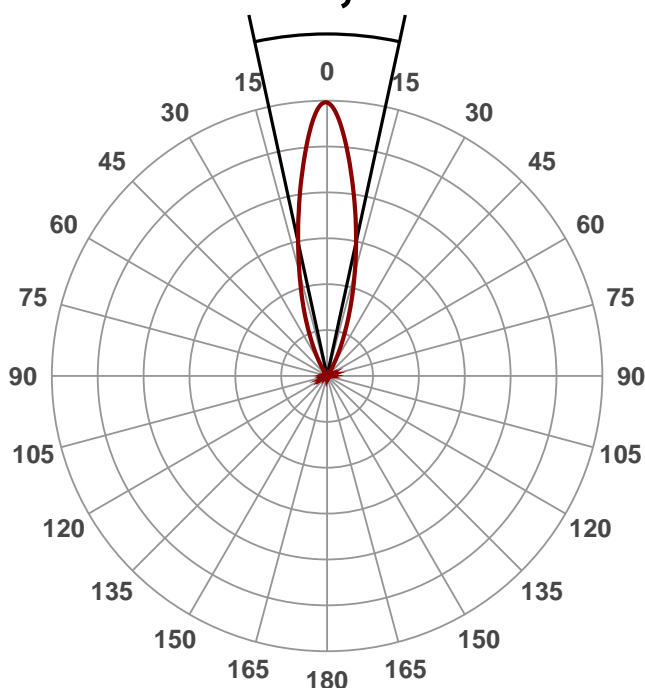


Product name:
**turn plus 25deg 9,6W 2700K
tina-M**

Date and time:
23-1-2017 16:23:11

Beam angle

24,5°

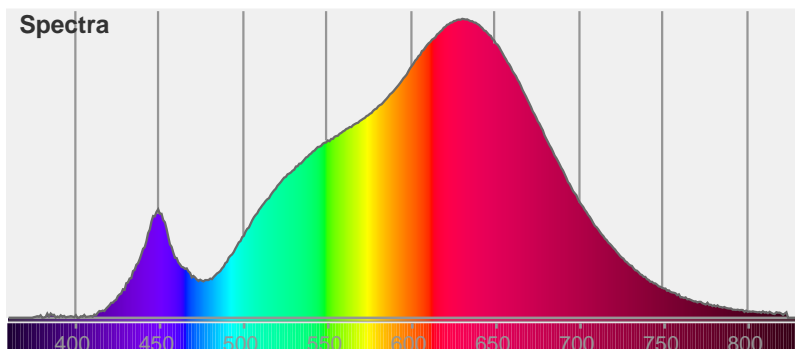


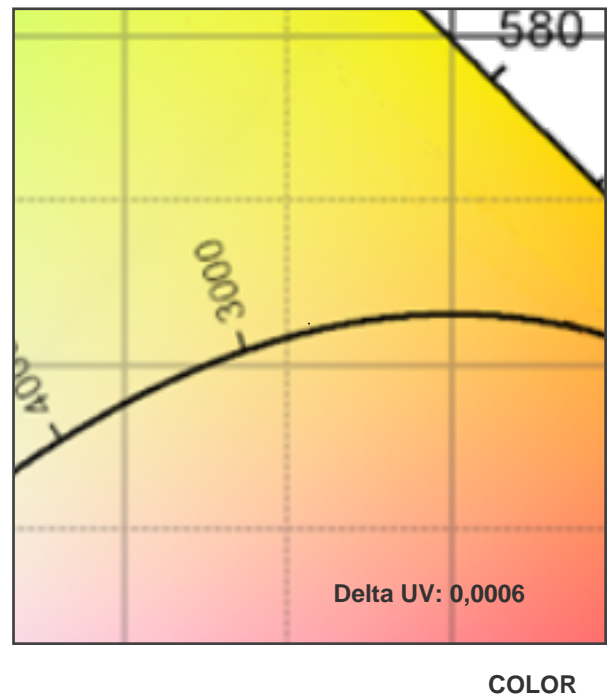
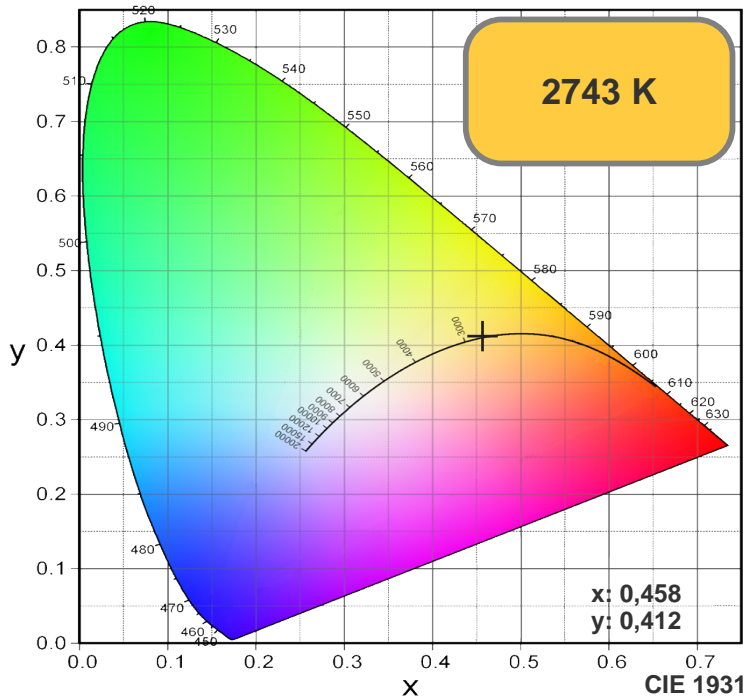
Color



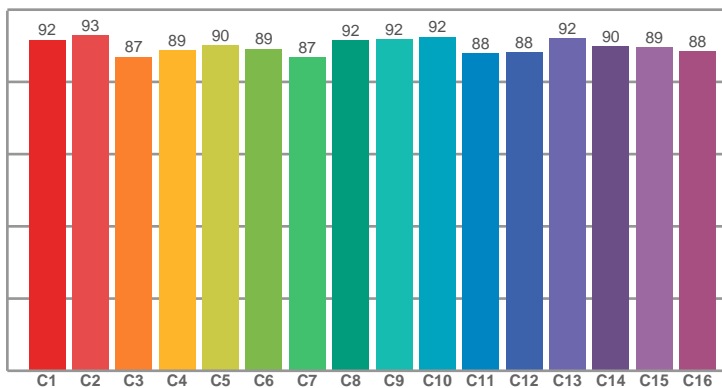
CIE1931
x: 0,458
y: 0,412

Spectra

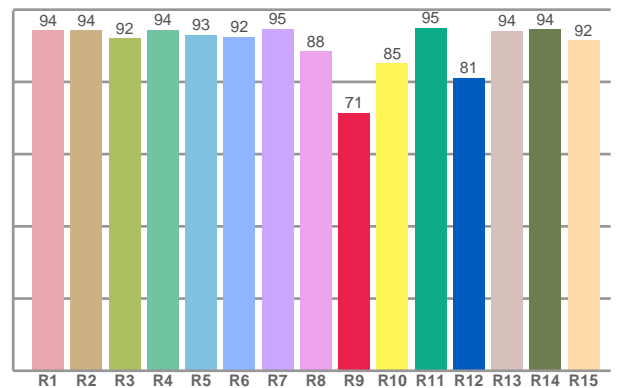




TM30: 90,0



CRI: 93,0 (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
94,34	94,32	92,12	94,39	92,98	92,48	94,67	88,38	71,37	85,11	94,95	81,11	94,10	94,50	91,54

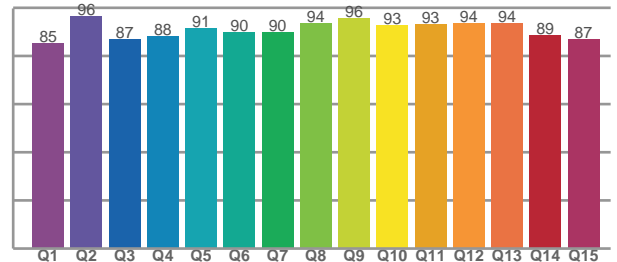
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,65	92,79	86,91	88,78	90,02	89,14	86,75	91,55	91,67	92,43	87,93	88,21	92,02	89,87	89,48	88,34

CQS Q values

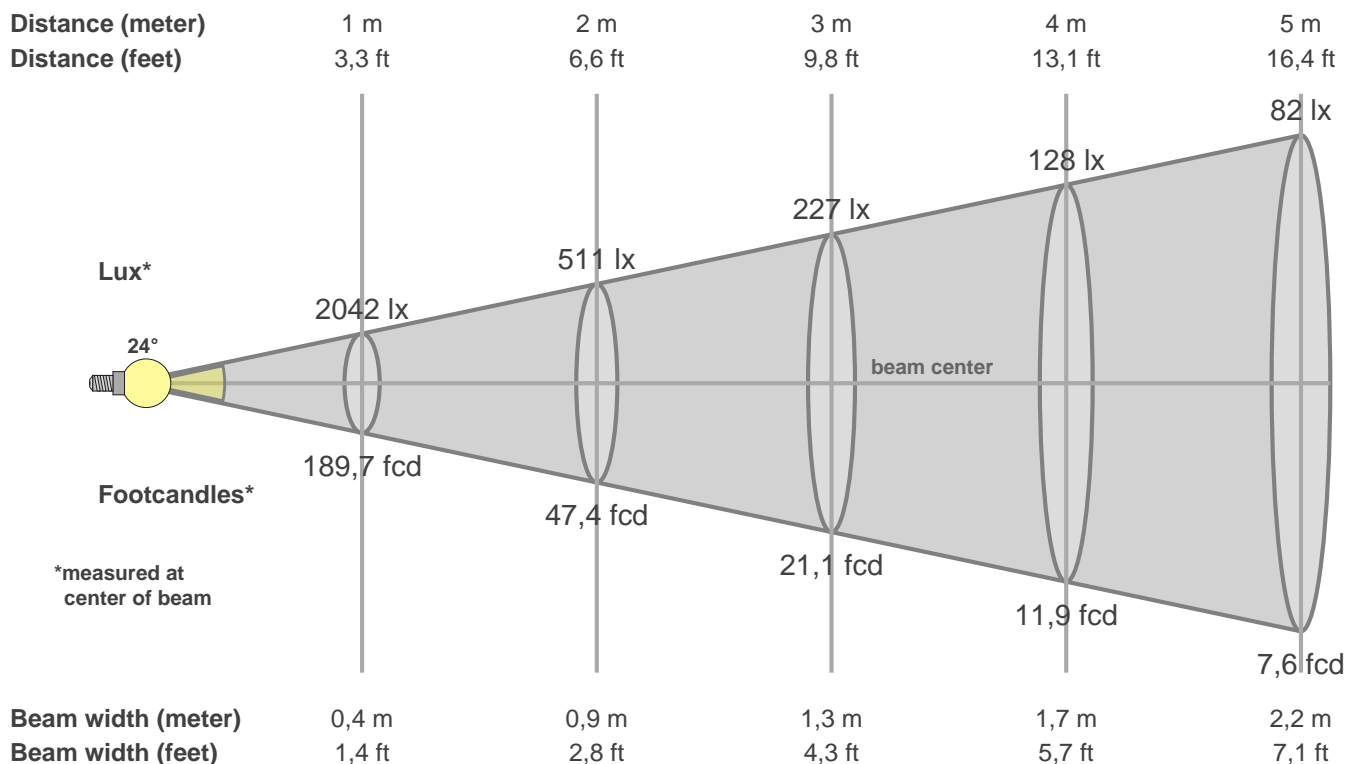
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85,45	96,50	86,88	88,36	91,48	89,77	90,01	93,52	95,63	92,86	93,19	93,60	93,70	88,79	87,07

CQS: 90,4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2743 K	93,0	71,4	90,0	102,6	90,4	0,5	0,4	0,3	0,4	0,0006



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°
2042	1997	1838	1633	1428	1226	1042	872	727	600	485	380	289	213	151	98	61	35	21	13
100%	98%	90%	80%	70%	60%	51%	43%	36%	29%	24%	19%	14%	10%	7%	5%	3%	2%	1%	1%

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°
2042	1997	1838	1633	1428	1226	1042	872	727	600	485	380	289	213	151	98	61	35	21	13
100%	98%	90%	80%	70%	60%	51%	43%	36%	29%	24%	19%	14%	10%	7%	5%	3%	2%	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°
2042	1963	1798	1603	1405	1220	1042	876	725	588	467	361	273	200	137	87	51	29	16	9
100%	96%	88%	79%	69%	60%	51%	43%	35%	29%	23%	18%	13%	10%	7%	4%	3%	1%	1%	0%

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°
2042	1963	1798	1603	1405	1220	1042	876	725	588	467	361	273	200	137	87	51	29	16	9
100%	96%	88%	79%	69%	60%	51%	43%	35%	29%	23%	18%	13%	10%	7%	4%	3%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,5°	52,1°	64,7°	93,9%	93,5%