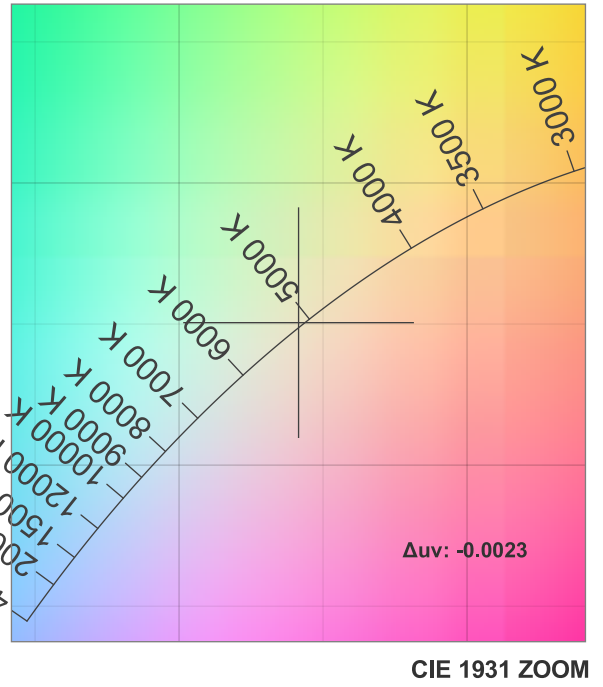
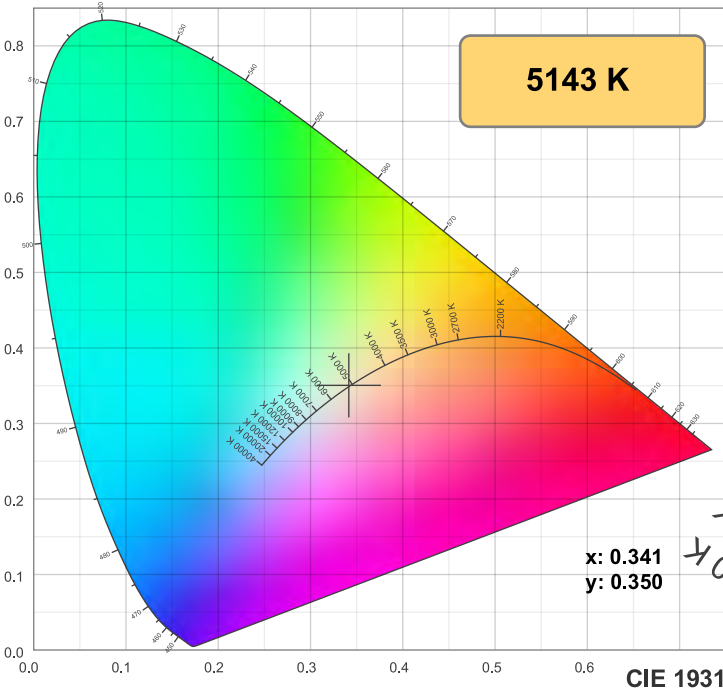
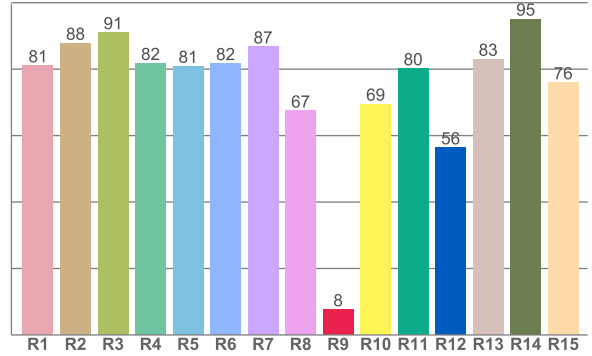
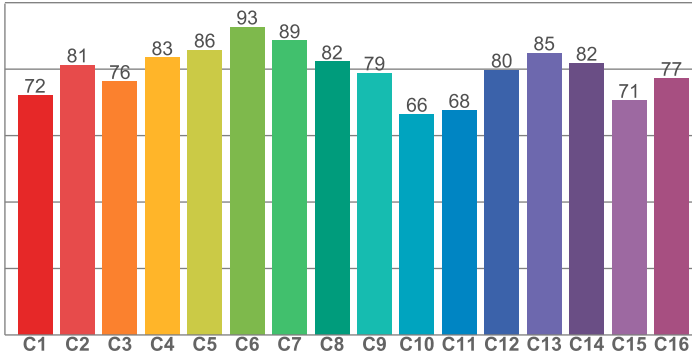


Color details



TM30: 79.6

CRI: 82.3 (R1-R8)



CRIR 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
81.0	87.8	91.0	81.7	80.9	81.7	86.7	67.4	7.6	69.5	80.1	56.3	83.0	95.1	75.9

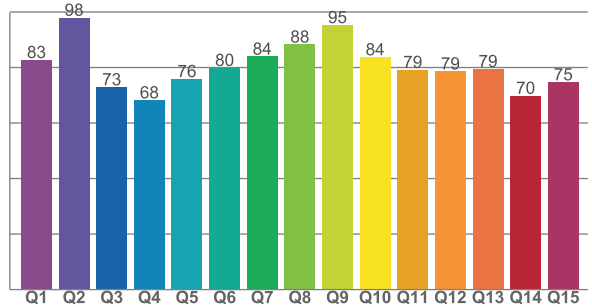
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72.1	81.2	76.3	83.4	85.7	92.7	88.5	82.2	78.8	66.4	67.6	79.7	84.9	81.8	70.6	77.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.7	98.0	72.9	68.2	75.9	79.9	83.9	88.3	95.3	83.7	79.2	78.6	79.5	69.9	74.7

CQS: 79.1



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
5143 K	82.3	7.6	79.6	94.0	79.1	0.341	0.350	0.209	0.322	-0.0023



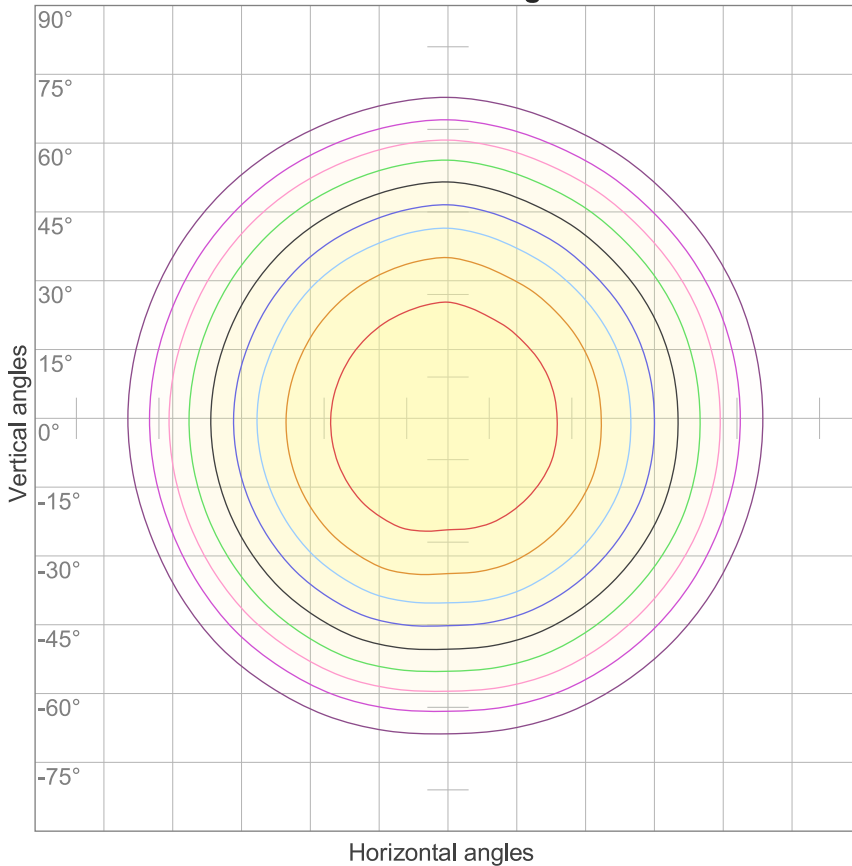
T 314.743.3067

F 314.972.6202

email: commercial-sales@superbrightleds.com

www.superbrightleds.com/

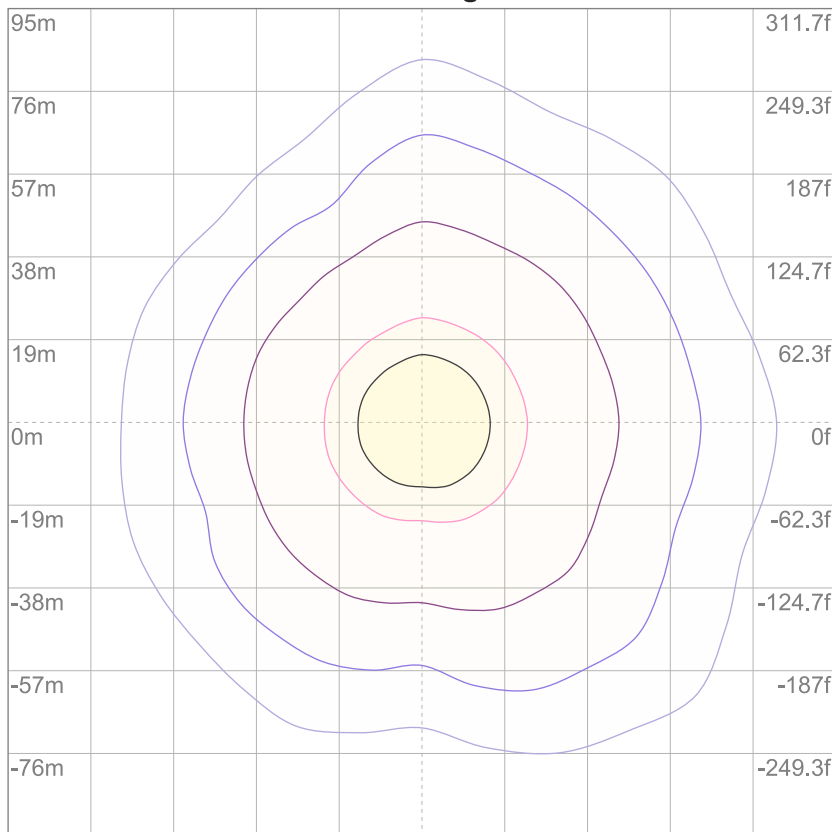
ISO Diagrams ISO candela diagram



- 10% 750 cd
- 20% 1500 cd
- 30% 2250 cd
- 40% 3001 cd
- 50% 3751 cd
- 60% 4501 cd
- 70% 5251 cd
- 80% 6001 cd
- 90% 6751 cd

Conditions:
 Number of c-planes: 16
 Candela at center: 7502 cd

ISO lux diagram



- 3% 2.25 lx
- 5% 3.75 lx
- 10% 7.50 lx
- 30% 22.5 lx
- 50% 37.5 lx

Conditions:
 Number of c-planes: 16
 Lux at center: 75.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

