

Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

0 K

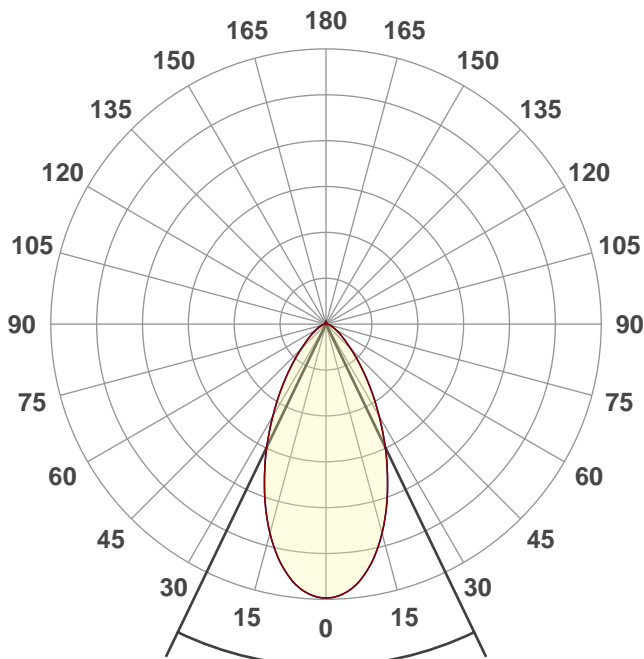
Output: 209 lm

Peak: 219 cd

Power: 3.2 W

12.6V @ 0.250A

2 PLANES



Beam angle

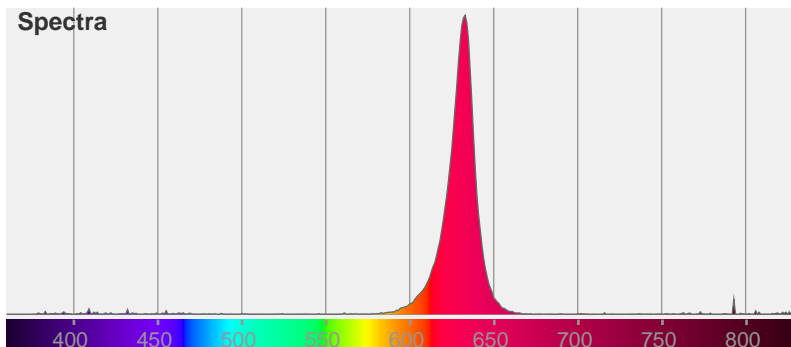
51.4°

Color



CIE1931
x: 0.689
y: 0.299

Spectra



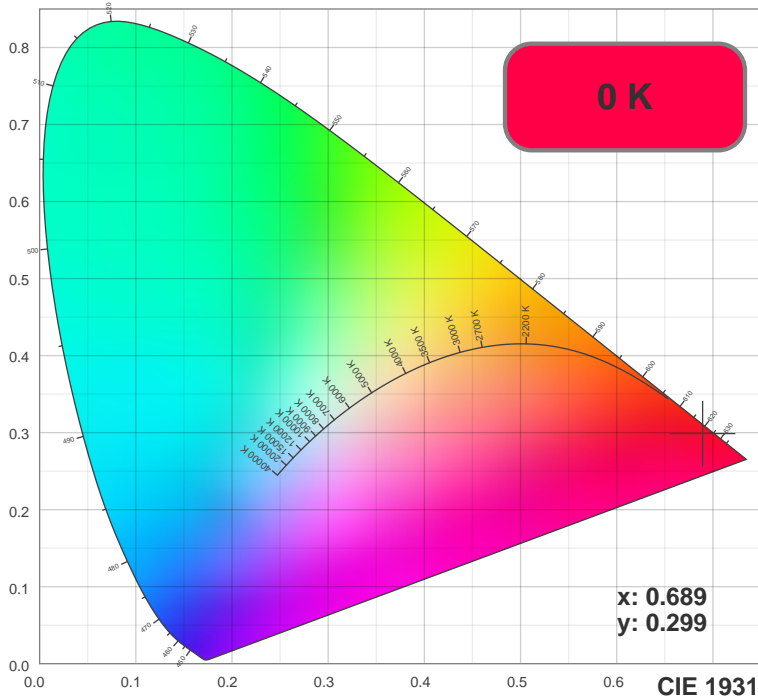
Product name:
CAT-HP-RED-40D

Date and time:
10/12/2020 3:11:33 PM

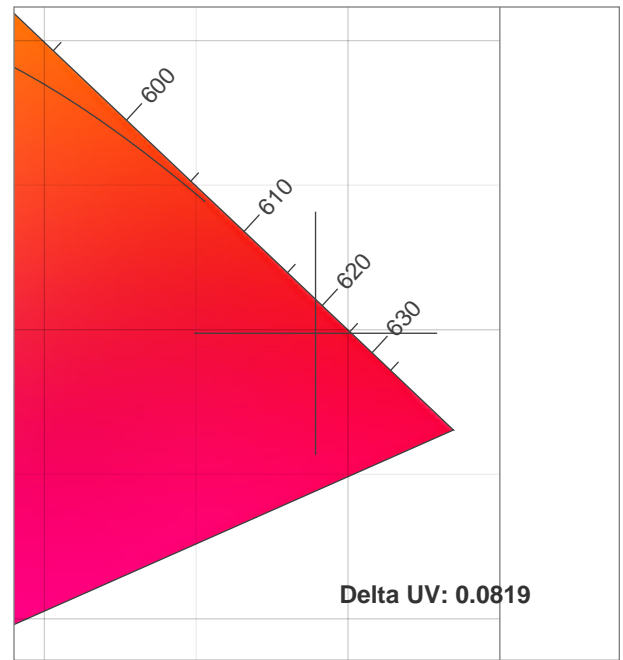
Item number:
CAT-HP-RED-40D

Operator:
HUNZA

Additional information:
**CATENARY MOUNT HIGH
POWER - 250MA 12.6 VOLT -
IP66 - RED - 40 DEGREE -
SOLID POWDERCOATED
ALUMINIUM**



TM30: 0.0



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CQS Q values

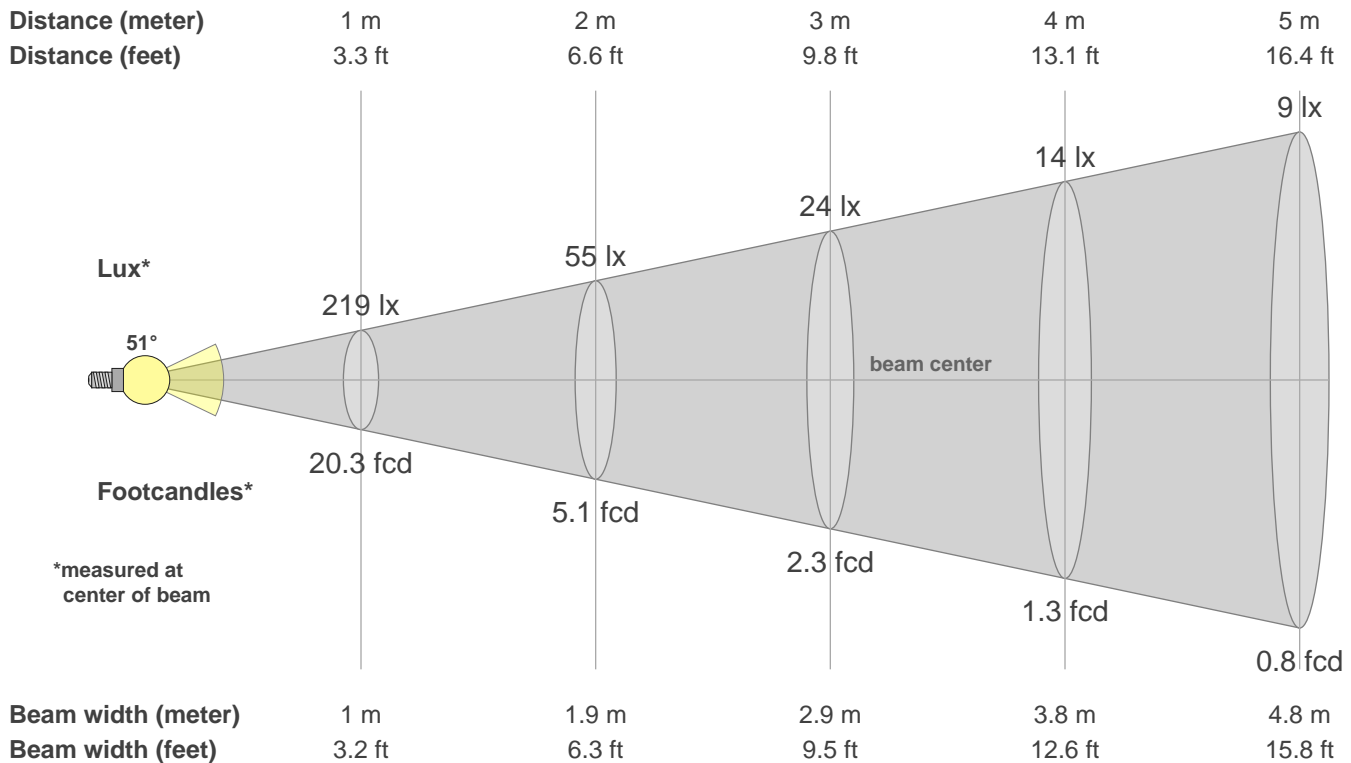
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
0 K	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.5	0.3	NaN



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°
219	218	215	211	205	198	189	178	167	156	144	131	119	108	96	85	75	66	57	49
100%	100%	98%	97%	94%	90%	86%	82%	77%	71%	66%	60%	55%	49%	44%	39%	34%	30%	26%	23%

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°
219	218	215	211	205	198	189	178	167	156	144	131	119	108	96	85	75	66	57	49
100%	100%	98%	97%	94%	90%	86%	82%	77%	71%	66%	60%	55%	49%	44%	39%	34%	30%	26%	23%

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°
219	218	215	211	205	198	189	178	167	156	144	131	119	108	96	85	75	66	57	49
100%	100%	98%	97%	94%	90%	86%	82%	77%	71%	66%	60%	55%	49%	44%	39%	34%	30%	26%	23%

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°
219	218	215	211	205	198	189	178	167	156	144	131	119	108	96	85	75	66	57	49
100%	100%	98%	97%	94%	90%	86%	82%	77%	71%	66%	60%	55%	49%	44%	39%	34%	30%	26%	23%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51.4°	96.5°	135.6°	91.9%	81.6%