

Light efficiency:

74 Lumen/Watt

Light quality:

CRI: 94.5

Color temperature:

4999 K

Output: 1151 lm

Peak: 389 cd

Power: 15.5 W

Voltage: 118 V

Current: 0.133 A

PF: 0.98

THD: 18.31 %



Product name:

SLM6-16W-CCT-WHBK - 5000K

Driver Used:

Test Date:

2020-02-18

Beam Angle:

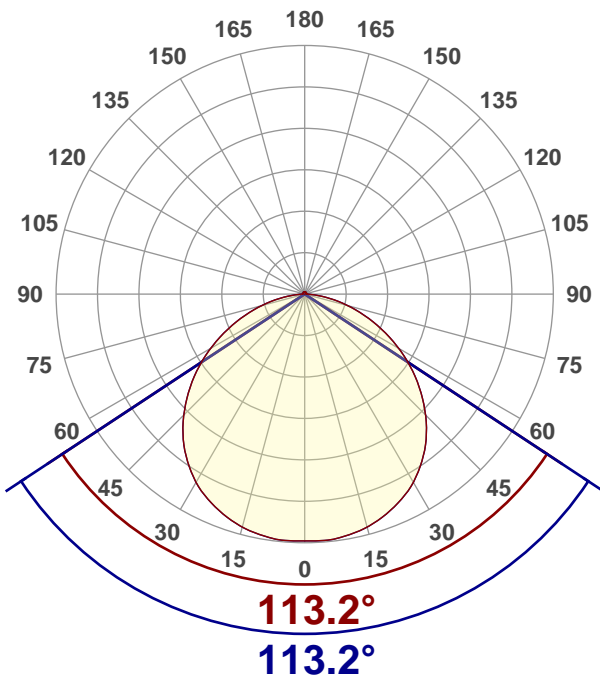
113.2°

Field Angle:

161.1°

Cut Off Angle:

174.1°



Beam details

*measured at center of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	262 lx	24 fcd	12.1 ft / 3.7 m
8 ft / 2.4 m	65 lx	6 fcd	24.3 ft / 7.4 m
12 ft / 3.7 m	29 lx	3 fcd	36.4 ft / 11.1 m
16 ft / 4.9 m	16 lx	2 fcd	48.5 ft / 14.8 m
20 ft / 6.1 m	10 lx	1 fcd	60.6 ft / 18.5 m

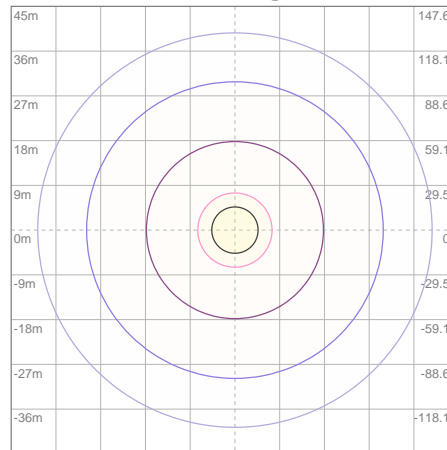
Beam center

Light planning Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	309	26.85%
0-40	510	44.31%
0-60	901	78.28%
60-90	230	19.98%
70-100	98.0	8.51%
90-120	9.13	0.79%
0-90	1131	98.26%
90-180	19.9	1.73%
0-180	1151	100.00%

ISO lux diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	42 lx
3%	1.26 lx
5%	2.10 lx
10%	4.20 lx
30%	12.60 lx
50%	21.00 lx

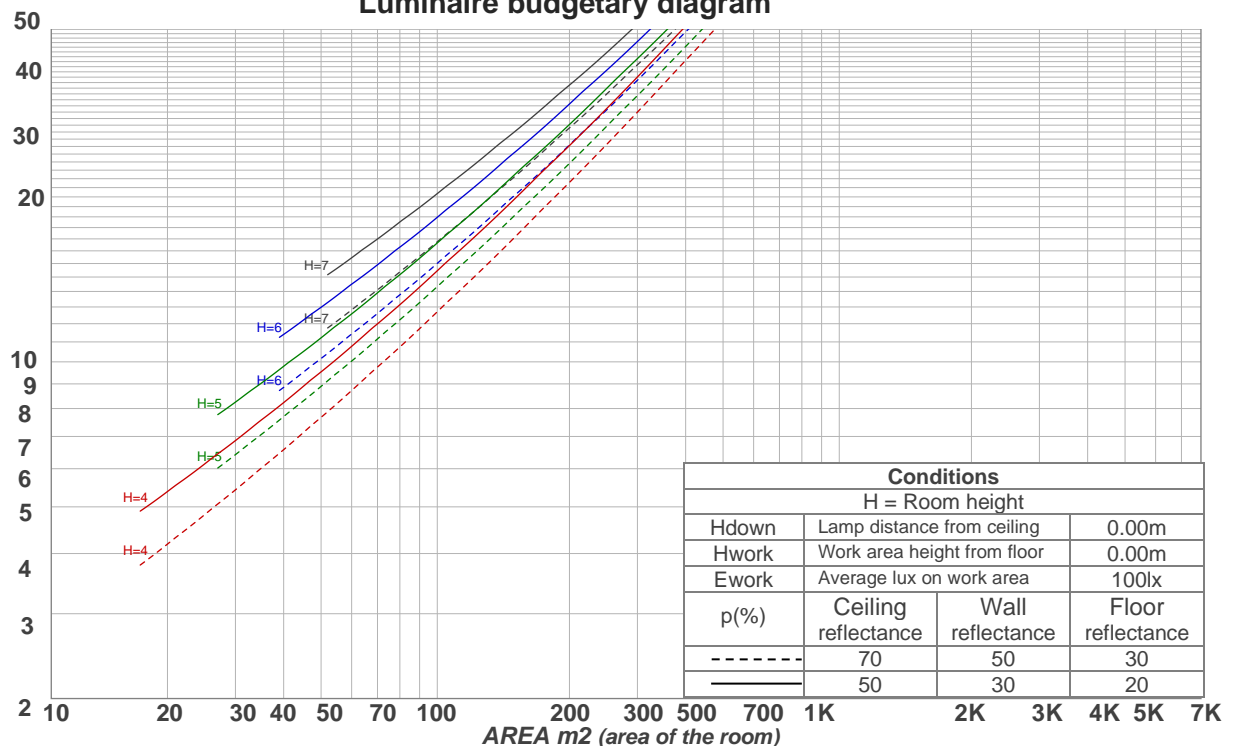
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	108	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	82
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	74	68	63	71	66	61	69	64	60	58
4	82	70	62	55	80	69	61	54	66	59	53	64	57	53	61	56	52	49
5	76	63	54	47	73	62	53	47	59	52	46	57	51	45	55	49	45	43
6	70	56	48	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	45	39	35	33
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

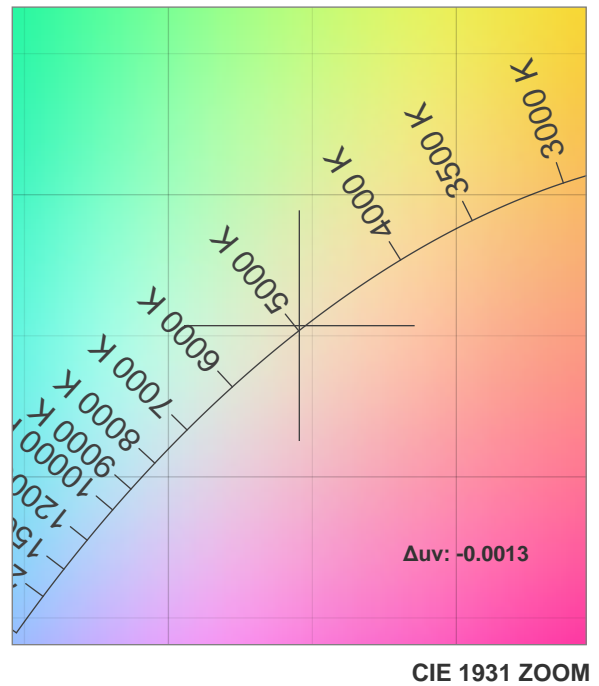
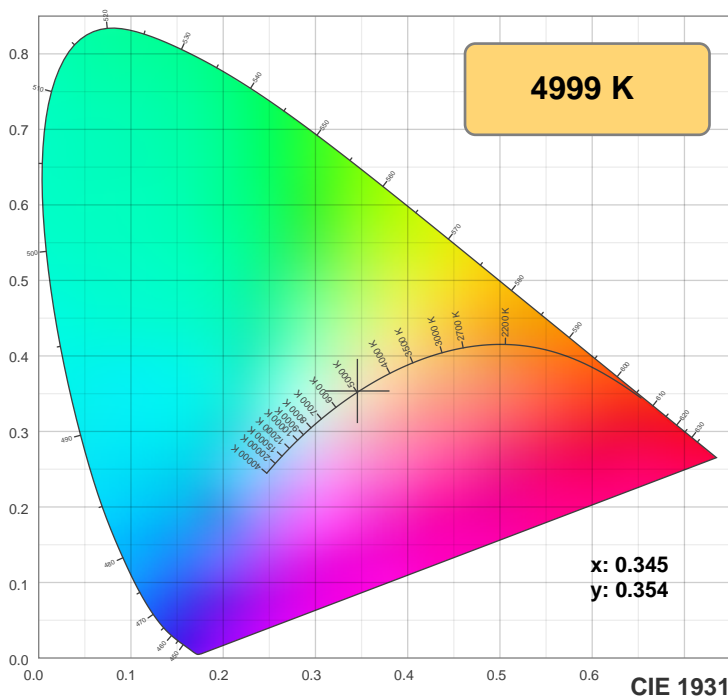
LAMPS (number of lamps)

Luminaire budgetary diagram

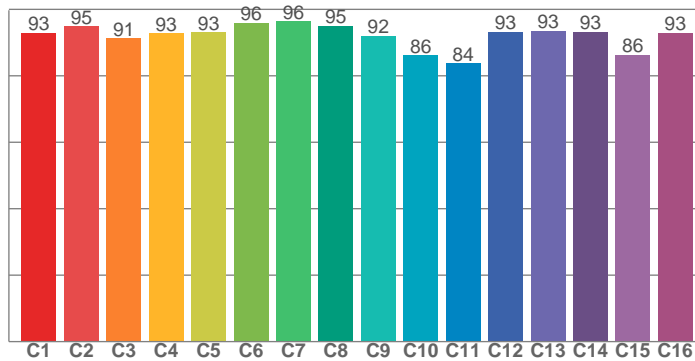


Color details

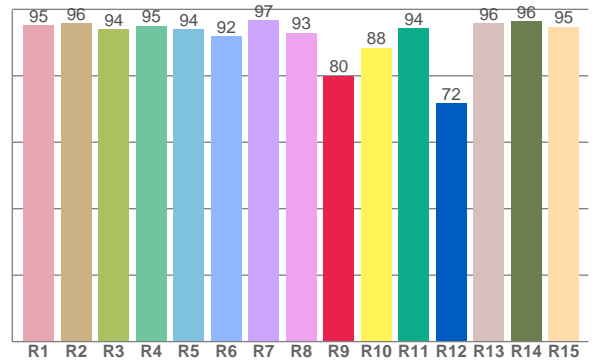
Photometric Testing Report



TM30: 91.8



CRI: 94.5 (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
95.3	95.8	94.0	95.0	94.0	91.9	96.8	92.9	80.1	88.4	94.3	71.7	95.7	96.4	94.8

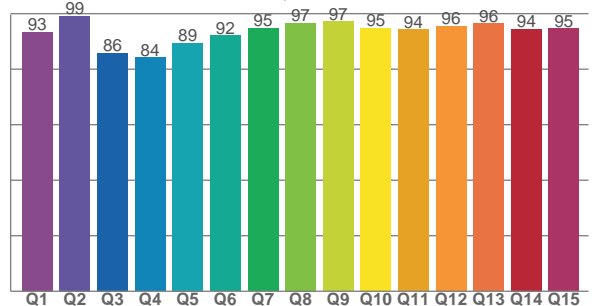
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.9	94.9	91.3	92.8	93.0	96.0	96.4	95.1	91.9	86.2	83.7	93.2	93.5	93.3	86.3	92.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.3	99.2	85.7	84.1	89.4	92.1	94.7	96.6	97.2	94.9	94.3	95.5	96.5	94.5	94.6

CQS: 92.4



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
4999 K	94.5	80.1	91.8	100.5	92.4	0.345	0.354	0.211	0.324	-0.0013

UGR Photometric Testing Report

Glare Evaluation According to UGR

p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p Floor	20	20	20	20	20	20	20	20	20	20
Room size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Standard table	n/a					n/a				
Correction summand	n/a					n/a				
Corrected glare indices referring to 1151 lm total luminous flux										

UGR data could not be calculated due to missing dimensions. Goto Edit->Photometric->Dimensions and set the fixture/lamp dimensions.

Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.