

Light efficiency:

81 Lumen/Watt

Color temperature:

3055 K

Light quality:

CRI:93.0, R_g:90.4, R_f:100.2

P: 2 / V: - / F: 2

Output: 1884 lm

Peak: 3769 cd

Power: 23.2 W

Voltage: 120 V

Current: 0.193 A

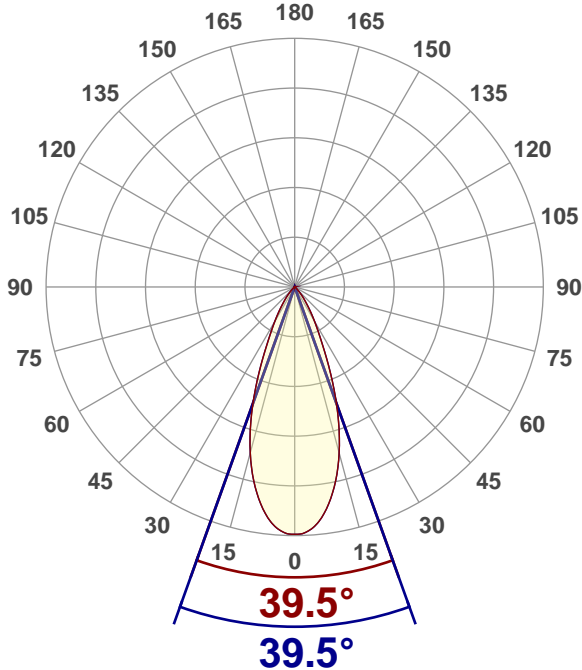
PF: 0.9

THD: n/a %



Angular Distribution

0° and 90° plane



Product name:

S4R7WS-C30MC-xx1-xxx

Test Date:

2021-04-12

Beam Angle (50% of the brightness of the centre):
39.5°Field Angle (10% of the brightness of the centre):
68°Cut Off Angle (2.5% of the brightness of the centre):
86.6°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2536 lx	236 fc	2.9 ft / 0.9 m
8 ft / 2.4 m	634 lx	59 fc	5.7 ft / 1.7 m
12 ft / 3.7 m	282 lx	26 fc	8.6 ft / 2.6 m
16 ft / 4.9m	158 lx	15 fc	11.5 ft / 3.5 m
20 ft / 6.1m	101 lx	9 fc	14.3 ft / 4.4 m

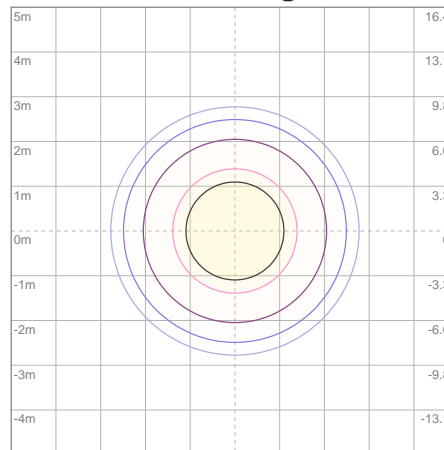
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1549	82.22%
0-40	1764	93.63%
0-60	1839	97.61%
60-90	20.9	1.11%
70-100	15.0	0.80%
90-120	9.84	0.52%
0-90	1859	98.67%
90-180	24.8	1.32%
0-180	1884	100.00%

ISO Lux Diagram



Lux at center:	405 lx
3%	12.15 lx
5%	20.25 lx
10%	40.50 lx
30%	121.50 lx
50%	202.50 lx

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

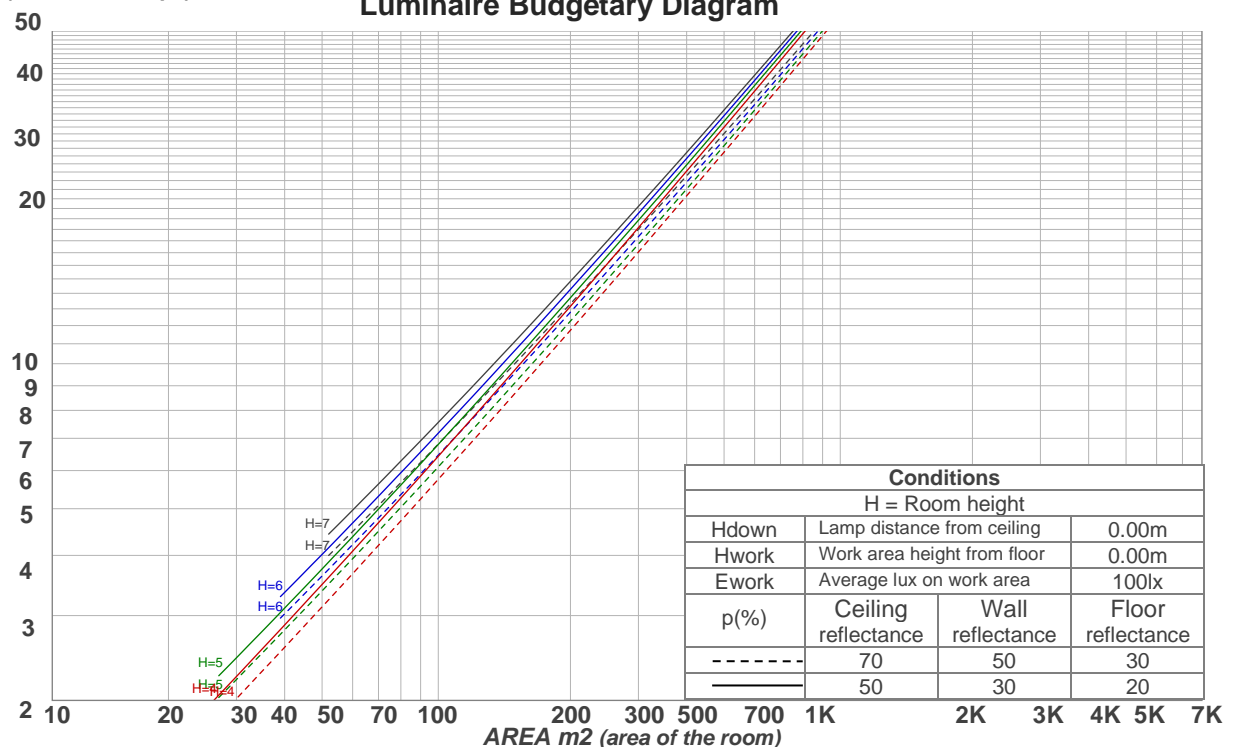
Mounting height: 3.05 meters (10 feet)

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	101	101	101	99
1	114	111	109	107	111	109	107	105	104	103	101	101	99	98	97	96	95	93
2	109	104	101	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	94	90	102	97	93	89	94	91	88	91	89	86	89	87	85	83
4	100	93	88	84	98	92	87	83	89	85	82	87	84	81	85	83	80	79
5	95	88	83	79	94	87	82	78	85	81	78	83	80	77	82	79	76	75
6	91	84	78	74	90	83	78	74	81	77	74	80	76	73	78	75	72	71
7	88	80	74	70	86	79	74	70	77	73	70	76	72	69	75	72	69	68
8	84	76	71	67	83	75	70	67	74	70	66	73	69	66	72	68	66	65
9	81	72	67	64	80	72	67	64	71	67	63	70	66	63	69	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59

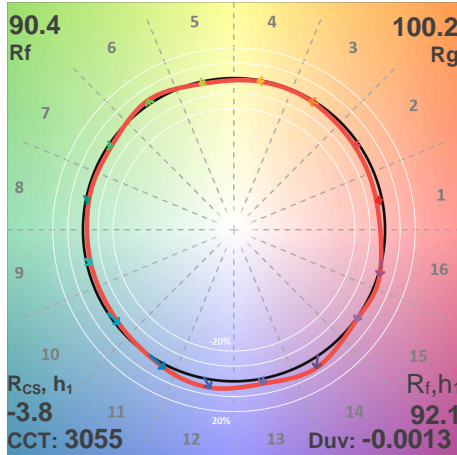
LAMPS (number of lamps)

Luminaire Budgetary Diagram

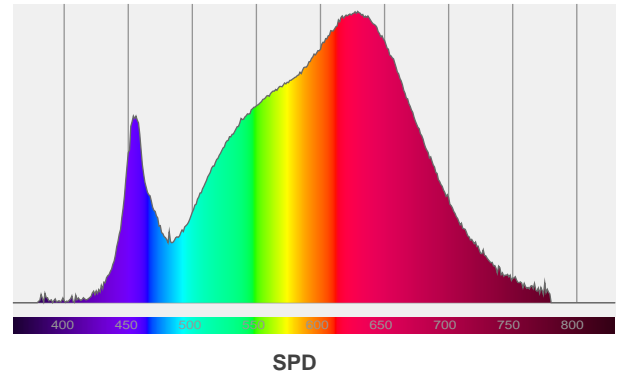
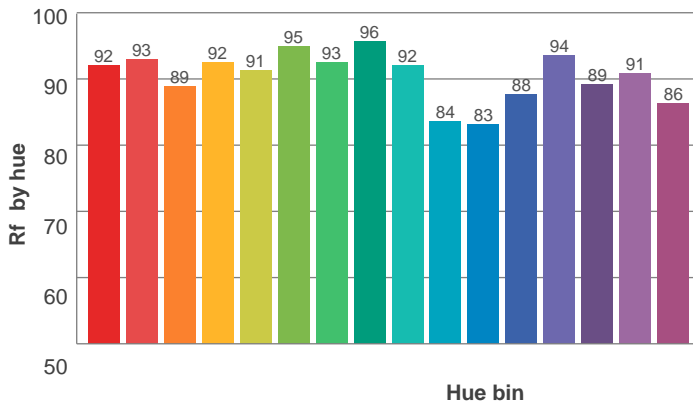
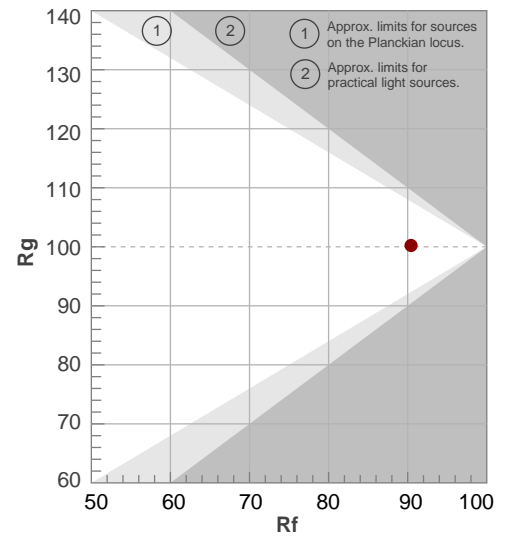


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	0%
2	93	-3%	2%
3	89	-1%	5%
4	92	-1%	3%
5	91	-1%	3%
6	95	3%	0%
7	93	-2%	-1%
8	96	-2%	-1%
9	92	-3%	4%
10	84	-2%	9%
11	83	2%	13%
12	88	6%	5%
13	94	4%	-2%
14	89	6%	-5%
15	91	1%	-5%
16	86	1%	-11%



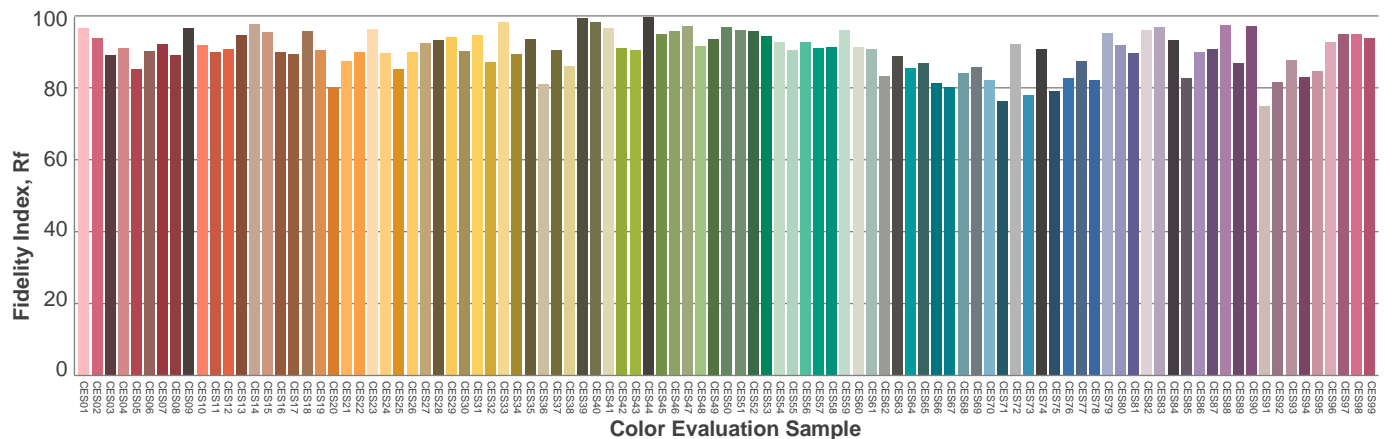
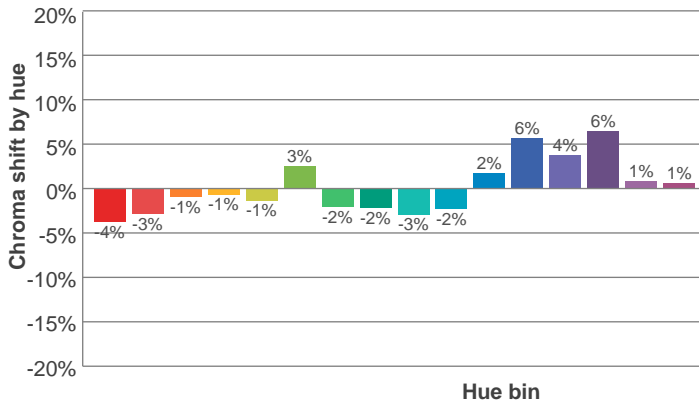
Red: 39.7%, Power=21.2mW

Blue: 9.3%, Power=11.9mW

Green: 24%, Power=23.7mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 454nm

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				
2H	2H	16.1	16.7	16.2	16.9	17.1	16.1	16.7	16.2	16.9	17.1
	3H	16.0	16.6	16.3	16.9	17.1	16.0	16.6	16.3	16.9	17.1
	4H	16.0	16.6	16.4	16.9	17.1	16.0	16.6	16.4	16.9	17.1
	6H	16.1	16.7	16.5	17.0	17.4	16.1	16.7	16.5	17.0	17.4
	8H	16.2	16.7	16.5	17.1	17.5	16.2	16.7	16.5	17.1	17.5
	12H	16.3	16.8	16.6	17.2	17.6	16.3	16.8	16.6	17.2	17.6
4H	2H	15.8	16.5	16.2	16.7	17.0	15.8	16.5	16.2	16.7	17.0
	3H	15.9	16.4	16.3	16.8	17.2	15.9	16.4	16.3	16.8	17.2
	4H	15.9	16.4	16.4	16.8	17.4	15.9	16.4	16.4	16.8	17.4
	6H	16.1	16.6	16.6	17.0	17.4	16.1	16.6	16.6	17.0	17.4
	8H	16.3	16.7	16.8	17.1	17.5	16.3	16.7	16.8	17.1	17.5
	12H	16.4	16.8	16.9	17.2	17.7	16.4	16.8	16.9	17.2	17.7
8H	4H	15.9	16.4	16.4	16.7	17.1	15.9	16.4	16.4	16.7	17.1
	6H	16.2	16.5	16.8	17.0	17.6	16.2	16.5	16.8	17.0	17.6
	8H	16.5	16.8	17.0	17.3	17.9	16.5	16.8	17.0	17.3	17.9
	12H	16.8	17.0	17.4	17.5	18.1	16.8	17.0	17.4	17.5	18.1
12H	4H	15.9	16.2	16.4	16.7	17.1	15.9	16.2	16.4	16.7	17.1
	6H	16.3	16.5	16.8	17.1	17.7	16.3	16.5	16.8	17.1	17.7
	8H	16.6	16.8	17.2	17.3	17.9	16.6	16.8	17.2	17.3	17.9
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.5 / -2.5					3.5 / -2.5				
S = 1.5H		5.9 / -2.8					5.9 / -2.8				
S = 2.0H		7.8 / -3.0					7.8 / -3.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1884 lm total luminous flux											