

Light efficiency:

78 Lumen/Watt

Color temperature:

3062 K

Light quality:

CRI:92.9, R_g:90.4, R_f:100.5

P: 2 / V: - / F: 2

Output: 2420 lm

Peak: 4839 cd

Power: 30.8 W

Voltage: 120 V

Current: 0.257 A

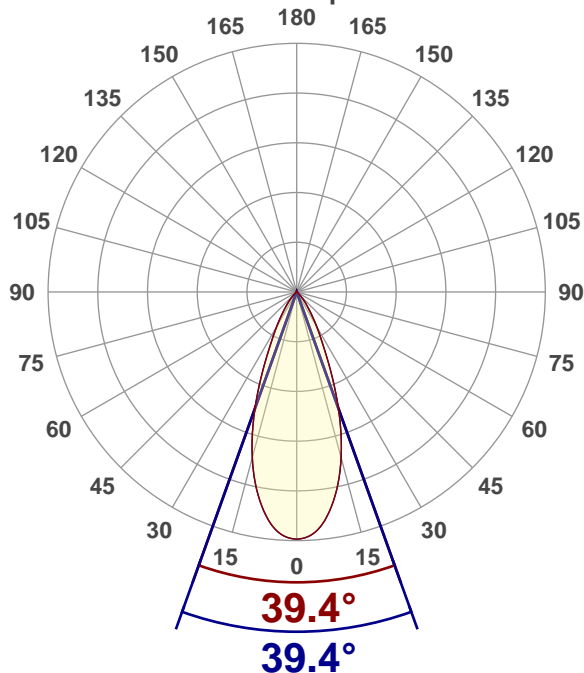
PF: 0.9

THD: n/a %



Angular Distribution

0° and 90° plane



Product name:

S4R7WS-D30MC-xx1-xxx

Test Date:

2021-04-12

Beam Angle (50% of the brightness of the centre):

39.4°

Field Angle (10% of the brightness of the centre):

68.1°

Cut Off Angle (2.5% of the brightness of the centre):

86.9°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3255 lx	302 fc	2.9 ft / 0.9 m
8 ft / 2.4 m	814 lx	76 fc	5.7 ft / 1.7 m
12 ft / 3.7 m	362 lx	34 fc	8.6 ft / 2.6 m
16 ft / 4.9 m	203 lx	19 fc	11.5 ft / 3.5 m
20 ft / 6.1 m	130 lx	12 fc	14.3 ft / 4.4 m

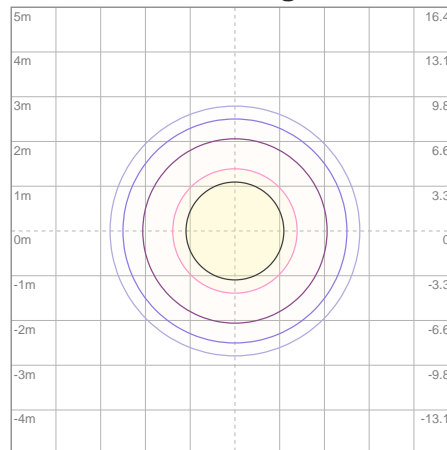
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1989	82.19%
0-40	2267	93.68%
0-60	2368	97.85%
60-90	24.6	1.02%
70-100	15.8	0.65%
90-120	9.39	0.39%
0-90	2393	98.88%
90-180	26.6	1.10%
0-180	2420	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	520 lx
3%	15.60 lx
5%	26.00 lx
10%	52.00 lx
30%	156.00 lx
50%	260.00 lx

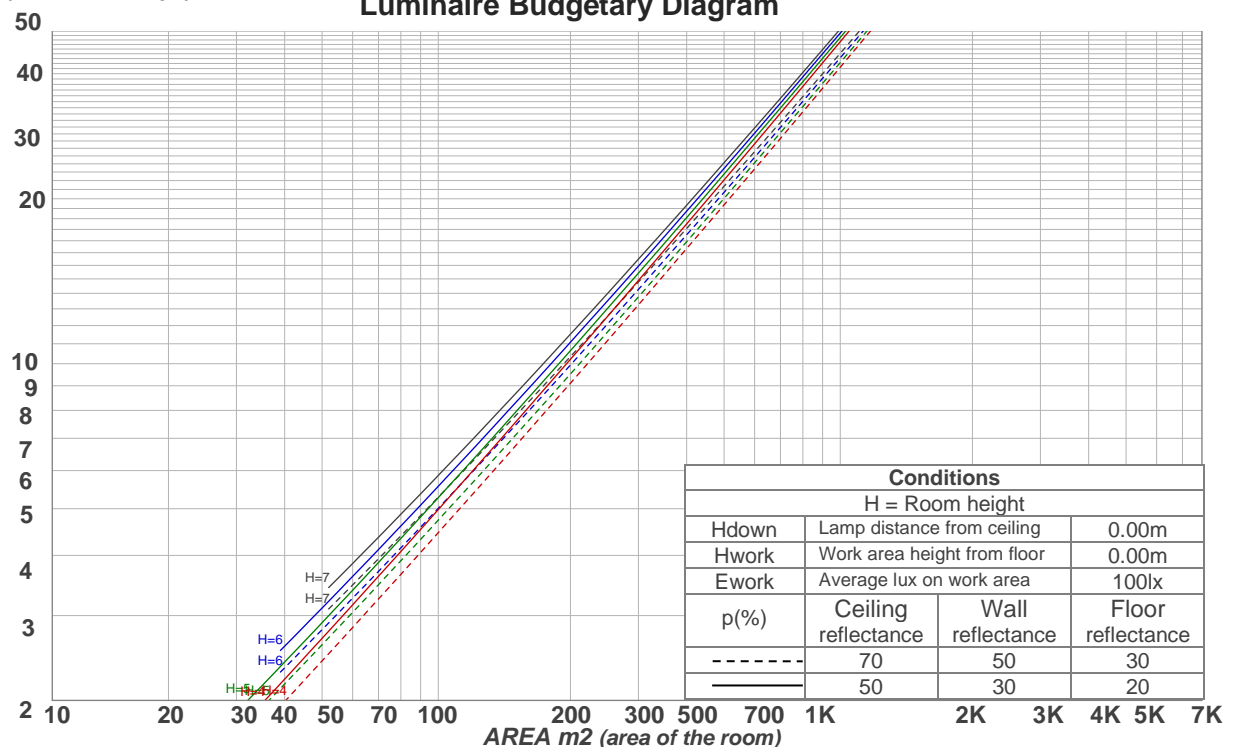
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	99	98	97	96	95	93
2	109	104	101	98	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	92	89	86	89	87	85	83
4	100	93	88	84	98	92	87	84	89	86	82	87	84	81	85	83	80	79
5	95	88	83	79	94	87	82	79	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	78	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)

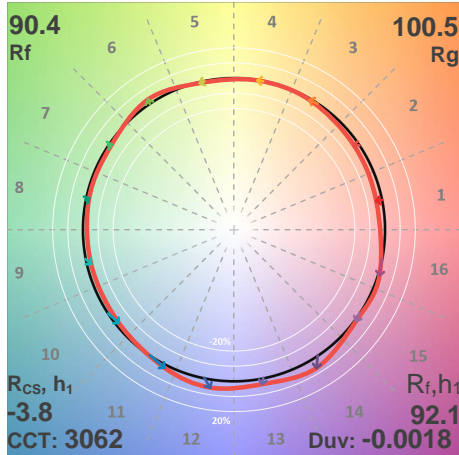
Luminaire Budgetary Diagram



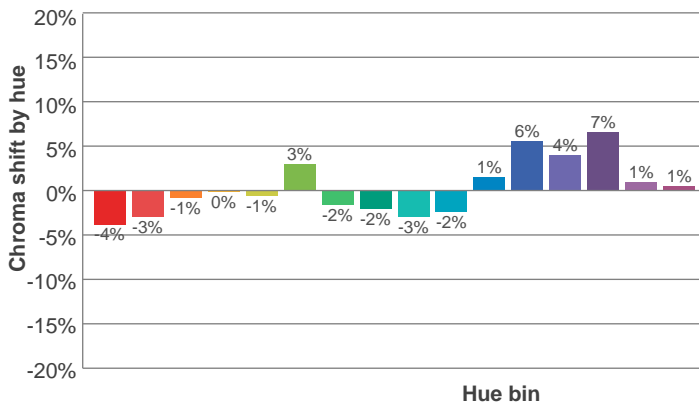
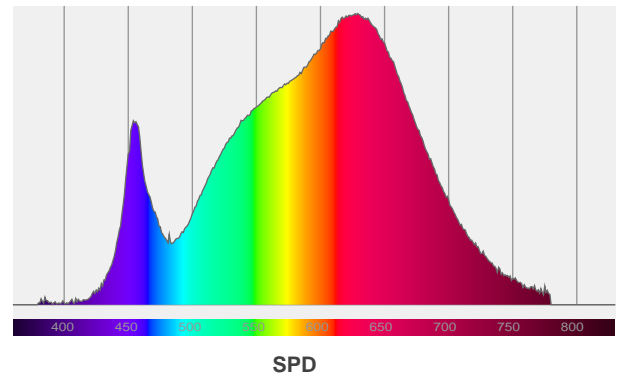
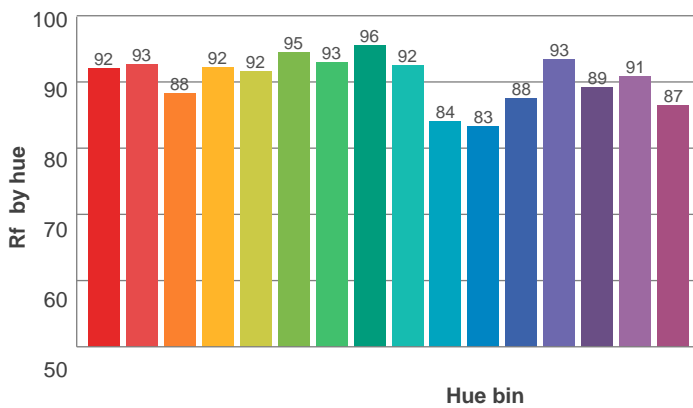
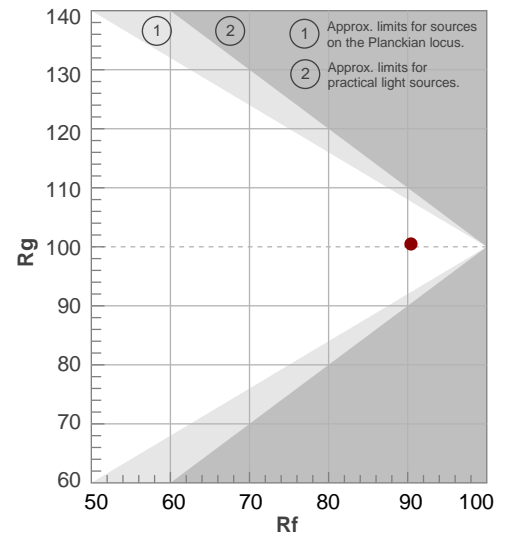
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	0%
2	93	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	92	-1%	3%
6	95	3%	-1%
7	93	-2%	-2%
8	96	-2%	-2%
9	92	-3%	4%
10	84	-2%	9%
11	83	1%	13%
12	88	6%	5%
13	93	4%	-1%
14	89	7%	-5%
15	91	1%	-5%
16	87	1%	-11%



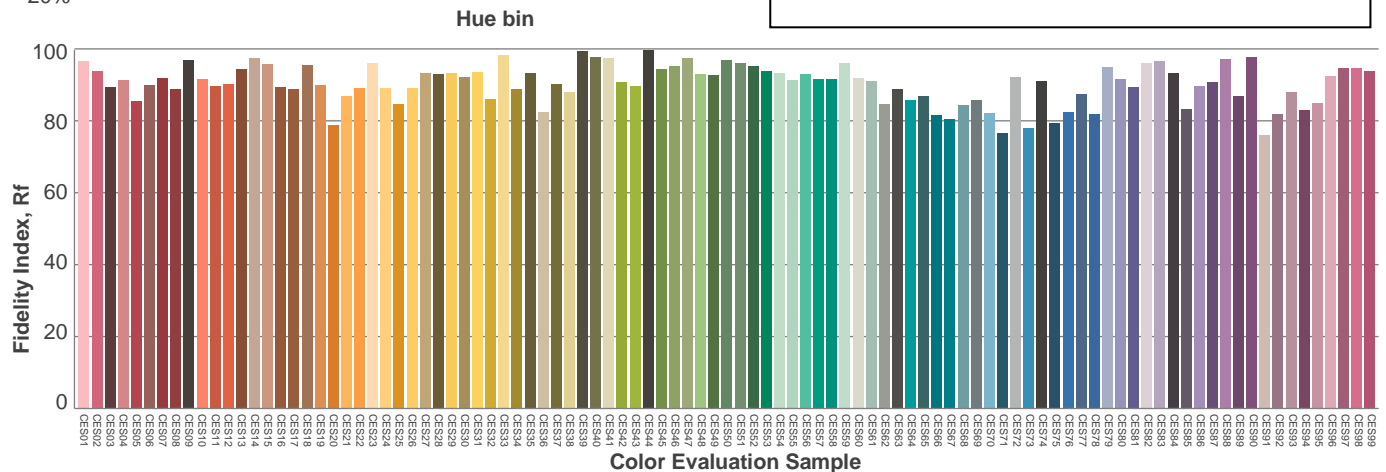
Red: 39.5%, Power=27.0mW

Blue: 9.3%, Power=15.4mW

Green: 23.8%, Power=30.4mW

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	17.9	18.5	18.1	18.7	18.9	17.9	18.5	18.1	18.7	18.9
	3H	17.7	18.4	18.1	18.6	18.8	17.7	18.4	18.1	18.6	18.8
	4H	17.8	18.4	18.2	18.7	18.9	17.8	18.4	18.2	18.7	18.9
	6H	17.9	18.4	18.2	18.7	19.1	17.9	18.4	18.2	18.7	19.1
	8H	17.9	18.4	18.2	18.8	19.2	17.9	18.4	18.2	18.8	19.2
	12H	17.9	18.4	18.3	18.8	19.2	17.9	18.4	18.3	18.8	19.2
4H	2H	17.6	18.3	18.0	18.5	18.8	17.6	18.3	18.0	18.5	18.8
	3H	17.7	18.2	18.0	18.6	19.0	17.7	18.2	18.0	18.6	19.0
	4H	17.7	18.2	18.1	18.6	19.1	17.7	18.2	18.1	18.6	19.1
	6H	17.8	18.3	18.3	18.7	19.0	17.8	18.3	18.3	18.7	19.0
	8H	17.9	18.3	18.4	18.7	19.1	17.9	18.3	18.4	18.7	19.1
	12H	18.0	18.3	18.5	18.7	19.2	18.0	18.3	18.5	18.7	19.2
8H	4H	17.6	18.1	18.2	18.5	18.8	17.6	18.1	18.2	18.5	18.8
	6H	17.8	18.2	18.4	18.6	19.2	17.8	18.2	18.4	18.6	19.2
	8H	18.0	18.3	18.6	18.8	19.4	18.0	18.3	18.6	18.8	19.4
	12H	18.2	18.4	18.8	18.9	19.6	18.2	18.4	18.8	18.9	19.6
12H	4H	17.6	18.0	18.1	18.4	18.9	17.6	18.0	18.1	18.4	18.9
	6H	17.9	18.1	18.4	18.7	19.3	17.9	18.1	18.4	18.7	19.3
	8H	18.0	18.3	18.6	18.8	19.4	18.0	18.3	18.6	18.8	19.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.8 / -3.2					3.8 / -3.2				
S = 1.5H		6.2 / -3.4					6.2 / -3.4				
S = 2.0H		8.1 / -3.8					8.1 / -3.8				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2420 lm total luminous flux											

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.