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FSL3-GYP-S-2W30K

Photometric Testing Report

Light efficiency:

71 Lumen/Watt

Color temperature:

3135 K

Light quality:

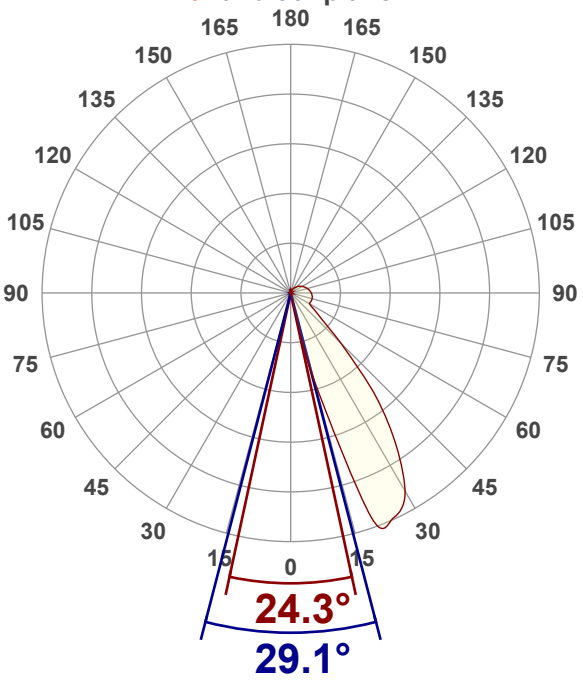
CRI:92.4, R_g:98.1, R_f:90.6
R9: 56.2 / P: 2 / V: - / F: 3

Output:	**122 lm**
Peak:	289 cd
Power:	1.7 W
Voltage:	24.0 V
Current:	0.072 A
PF:	1.0
THD:	0 %



Angular Distribution

0° and 90° plane



Product name:
FSL3-GYP-S-2W30K

Test Date:
2026-09-17

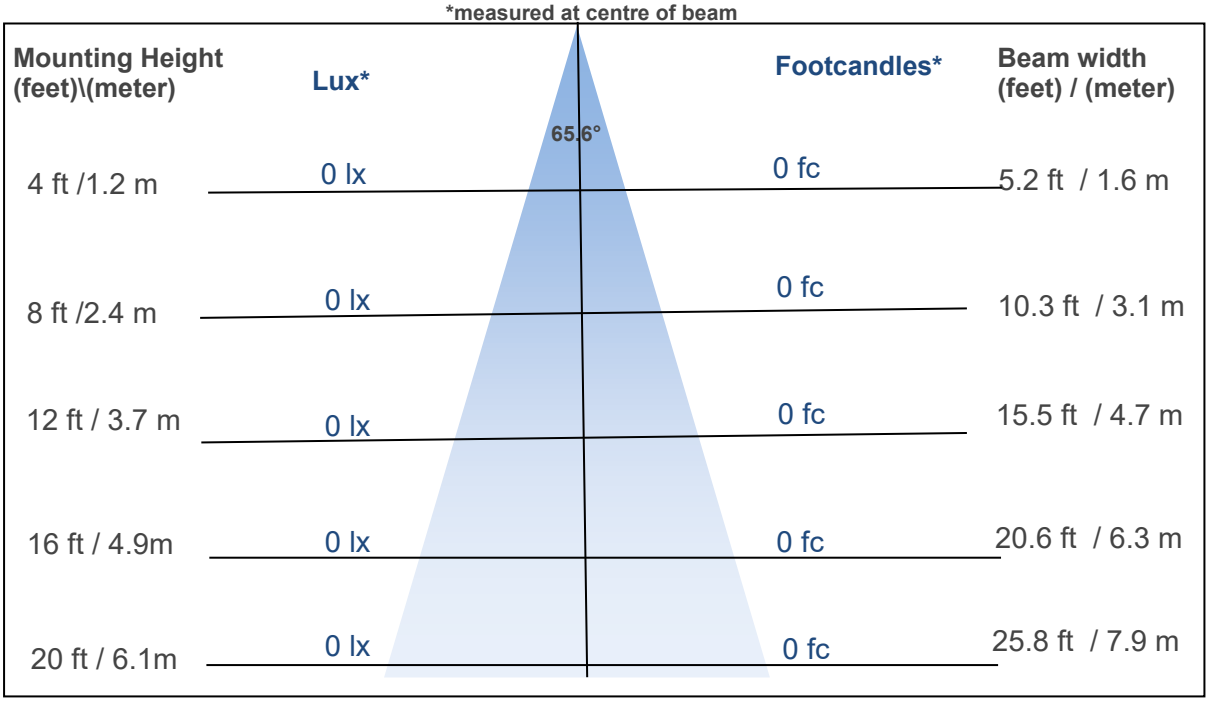
Beam Angle (50% of the brightness of the centre):
65.6°

Field Angle (10% of the brightness of the centre):
123.1°

Cut Off Angle (2.5% of the brightness of the centre):
172.5°

Beam Details

*measured at centre of beam



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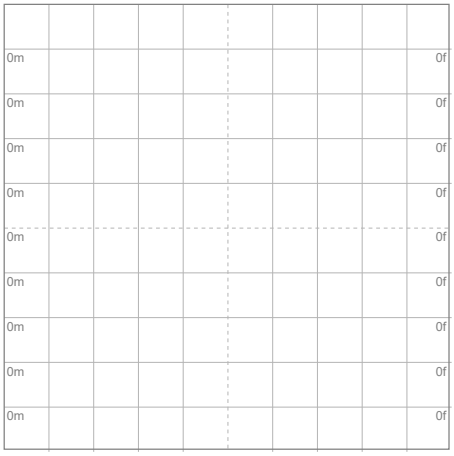
FSL3-GYP-S-2W30K

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	27.1	22.21%
0-40	48.8	40.00%
0-60	70.6	57.87%
60-90	23.9	19.59%
70-100	23.9	19.59%
90-120	19.4	15.90%
0-90	94.5	77.46%
90-180	27.7	22.70%
0-180	122	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	0 lx
3%	0.00 lx
5%	0.00 lx
10%	0.00 lx
30%	0.00 lx
50%	0.00 lx

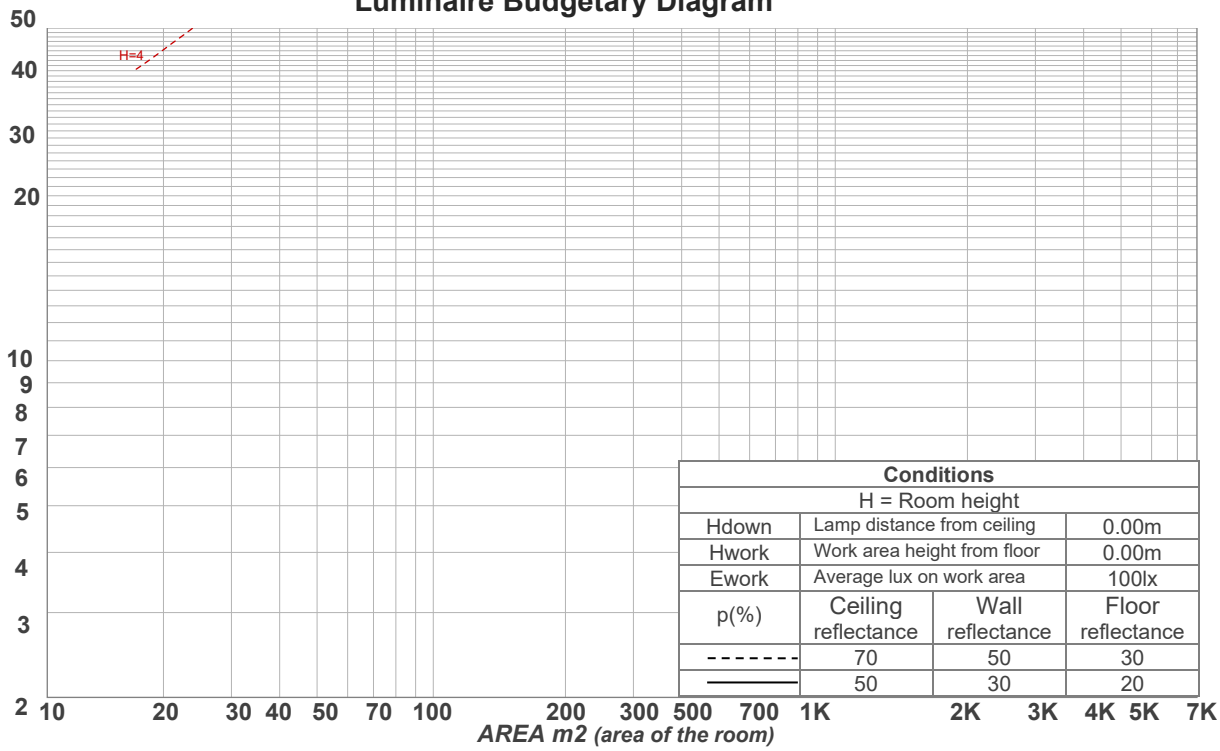
Conditions:
Number of planes: 32
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	114	114	114	114	108	108	108	108	99	99	99	90	90	90	81	81	81	77
1	102	97	92	87	97	92	88	84	84	80	77	76	73	71	69	67	65	61
2	93	84	77	71	88	80	74	69	73	68	64	66	62	59	60	57	54	51
3	85	74	66	60	80	71	63	58	65	59	54	59	54	50	54	50	46	43
4	78	66	57	51	74	63	55	49	58	51	46	53	47	43	48	44	40	37
5	72	59	50	44	68	57	48	42	52	45	40	48	42	37	44	39	35	32
6	66	53	44	38	63	51	43	37	47	40	35	43	37	33	40	35	31	28
7	61	48	39	34	58	46	38	33	43	36	31	39	33	29	36	31	27	25
8	57	44	35	30	54	42	34	29	39	32	27	36	30	26	33	28	24	22
9	53	40	32	26	50	38	31	26	35	29	24	33	27	23	30	25	22	20
10	49	36	29	24	47	35	28	23	33	26	22	30	25	21	28	23	20	18

LAMPS (number of lamps)

Luminaire Budgetary Diagram



Conditions			
H = Room height			
Hdown	Lamp distance from ceiling		0.00m
Hwork	Work area height from floor		0.00m
Ework	Average lux on work area		100lx
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
- - - - - - -	70	50	30
———	50	30	20

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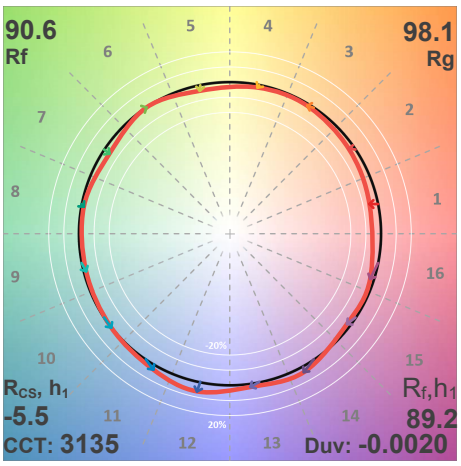
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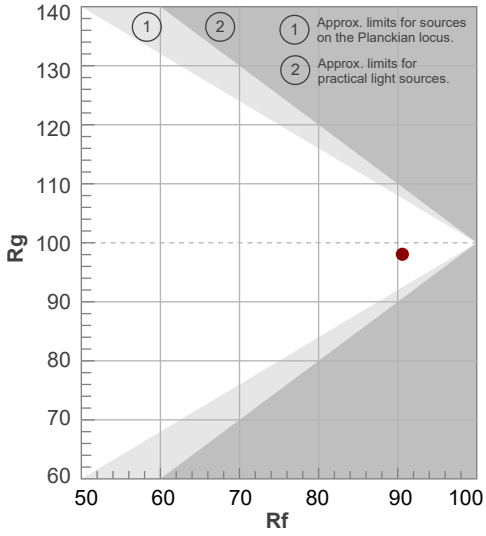
Liteline

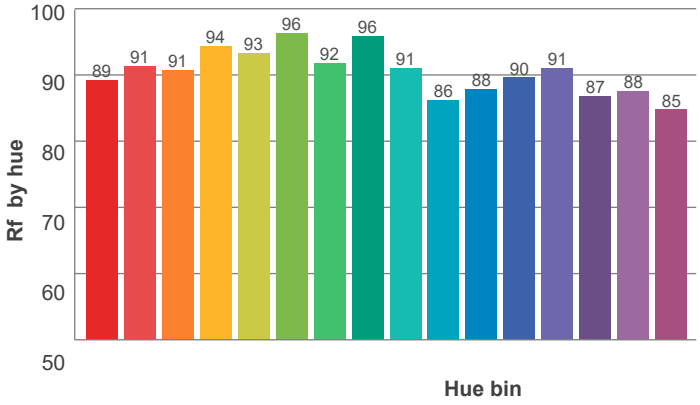
Photometric Testing Report

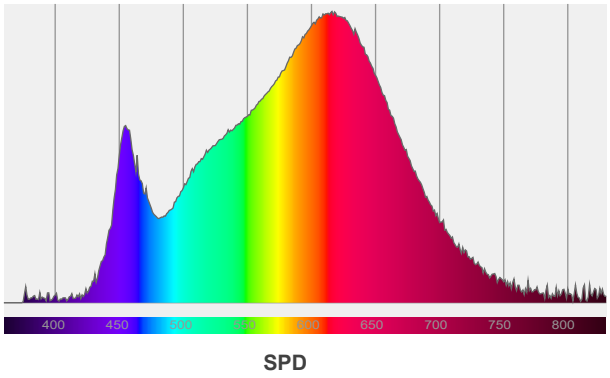
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **3**

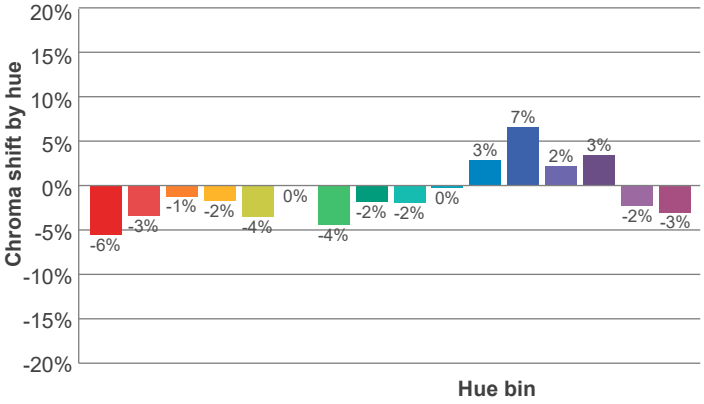


		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	89	-6%	1%
2	91	-3%	3%
3	91	-1%	4%
4	94	-2%	1%
5	93	-4%	1%
6	96	0%	0%
7	92	-4%	0%
8	96	-2%	1%
9	91	-2%	6%
10	86	0%	8%
11	88	3%	8%
12	90	7%	-1%
13	91	2%	-6%
14	87	3%	-10%
15	88	-2%	-7%
16	85	-3%	-11%









Red: 35%, Power=1.08mW

Blue: 10.6%, Power=0.89mW

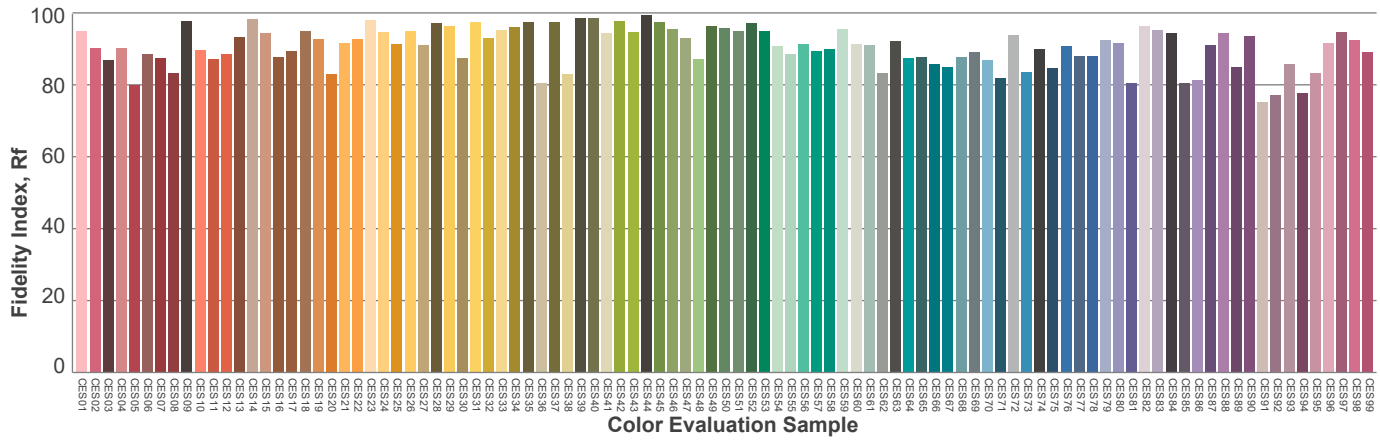
Green: 24.5%, Power=1.44mW

UVA: 0.3%, Power=0.01mW

Dominant Wavelength:584nm

1st Peak Wavelength: 616nm

2nd Peak Wavelength:455nm



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Glare Evaluation According to UGR

Corrected, comprehensive UGR table according to 117-1995, S/H ratio=0.25

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 H = mouting height above eye level 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
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				
Corrected glare indices referring to 122 lm total luminous flux										

UGR data could not be calculated due to missing/wrong symmetry. Go to Edit -> Photometric -> Corrections and select Correct asymmetry
UGR data could not be calculated due to missing/wrong symmetry. Go to Edit -> Photometric -> Corrections and select Correct asymmetry (UGR not defined for asymmetrical distributions)..

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