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FSL3-GYP-L-2W30K

Photometric Testing Report

Light efficiency:

74 Lumen/Watt

Color temperature:

3131 K

Light quality:

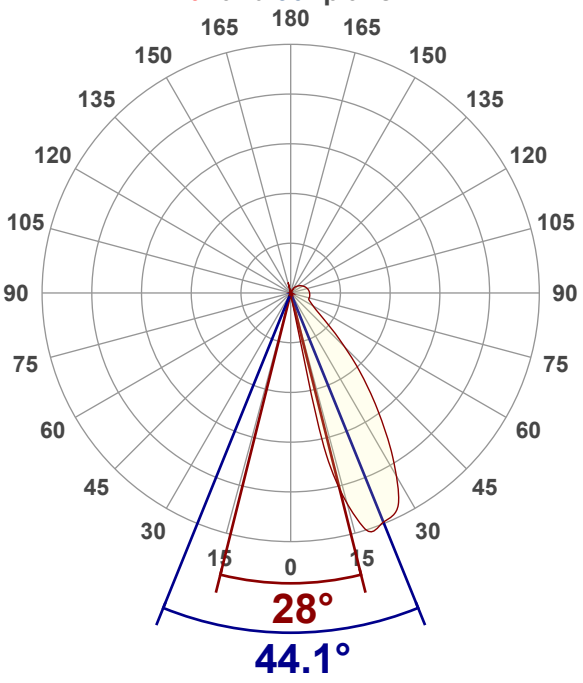
CRI:92.4, R_g:98.0, R_f:90.5
R9: 56.1 / P: 2 / V: - / F: 3

Output:	**129 lm**
Peak:	276 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-L-2W30K

Test Date:
2026-09-17

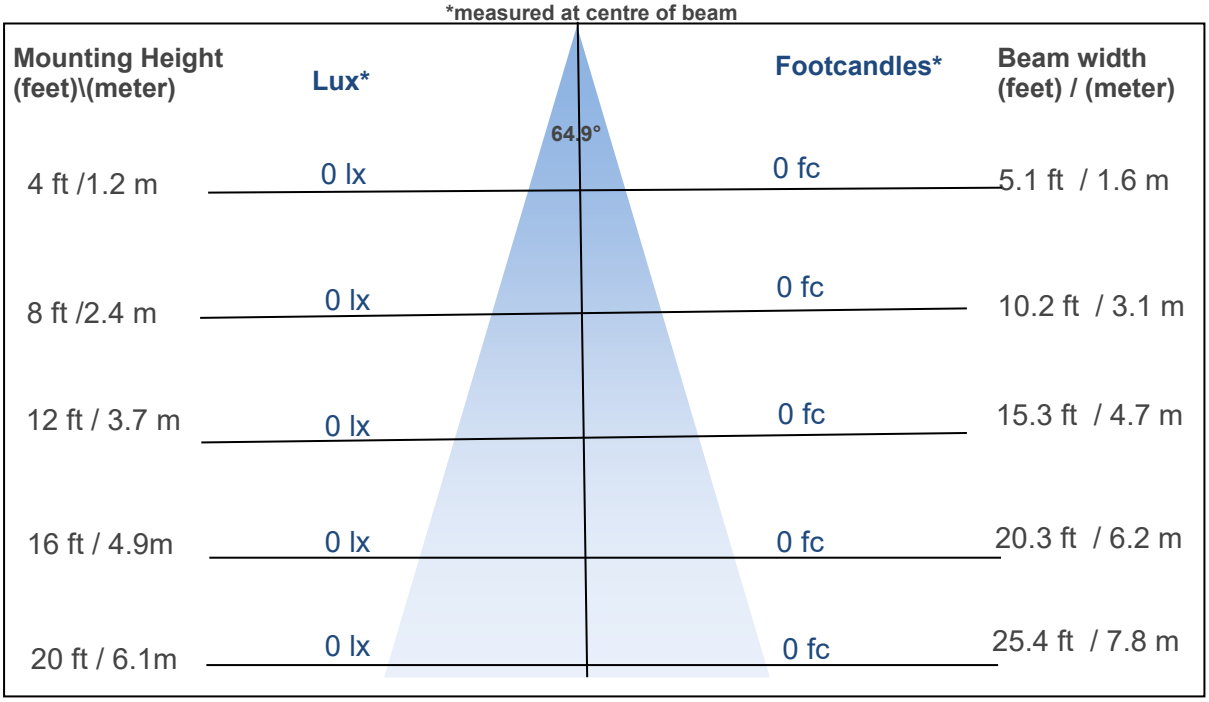
Beam Angle (50% of the brightness of the centre):
64.9°

Field Angle (10% of the brightness of the centre):
121.6°

Cut Off Angle (2.5% of the brightness of the centre):
173.7°

Beam Details

*measured at centre of beam



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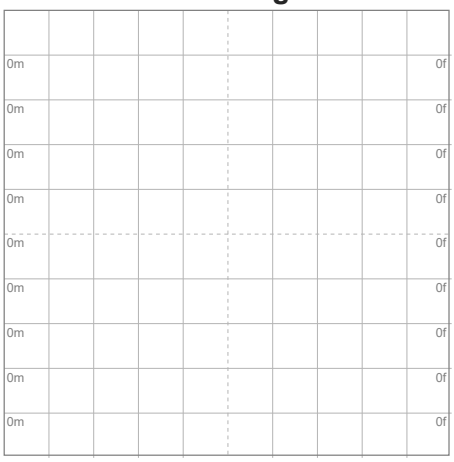
FSL3-GYP-L-2W30K

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	34.1	26.43%
0-40	54.6	42.33%
0-60	77.5	60.08%
60-90	22.8	17.67%
70-100	22.6	17.52%
90-120	19.6	15.19%
0-90	100	77.52%
90-180	28.4	22.02%
0-180	129	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

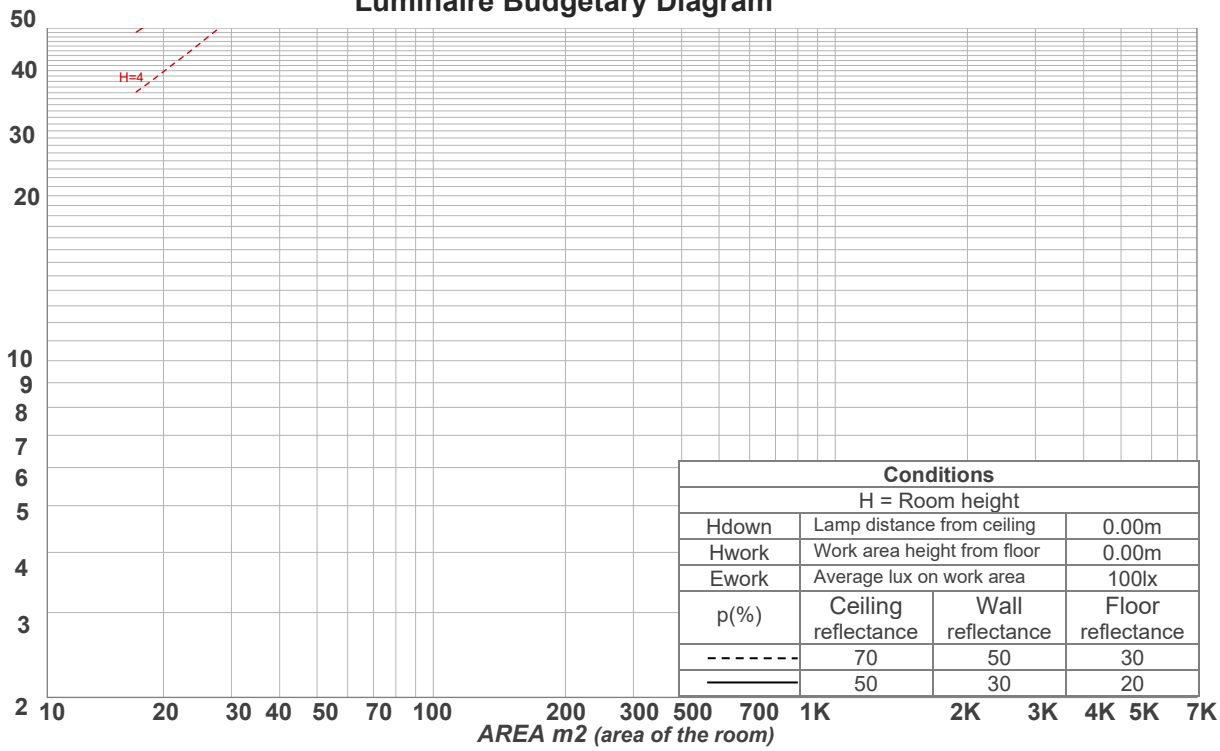
Conditions:
Number of planes: 32
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	109	109	109	109	99	99	99	90	90	90	82	82	82	78
1	103	97	93	89	98	93	89	85	85	81	79	77	75	72	70	68	66	63
2	94	85	79	73	89	82	76	70	75	70	65	68	64	61	62	59	56	53
3	86	76	68	62	82	73	65	60	66	61	56	61	56	52	56	52	49	46
4	79	68	59	53	75	65	57	51	60	53	48	55	50	45	50	46	42	40
5	73	61	52	46	69	58	51	45	54	47	42	50	44	40	46	41	37	35
6	68	55	46	40	64	53	45	39	49	42	37	45	40	35	42	37	33	31
7	63	50	42	36	60	48	40	35	45	38	33	41	36	32	38	33	30	28
8	58	46	38	32	56	44	36	31	41	34	30	38	32	28	35	30	27	25
9	55	42	34	29	52	40	33	28	38	31	27	35	29	26	33	28	24	22
10	51	38	31	26	49	37	30	25	35	28	24	32	27	23	30	25	22	20

Luminaire Budgetary Diagram

LAMPS (number of lamps)



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

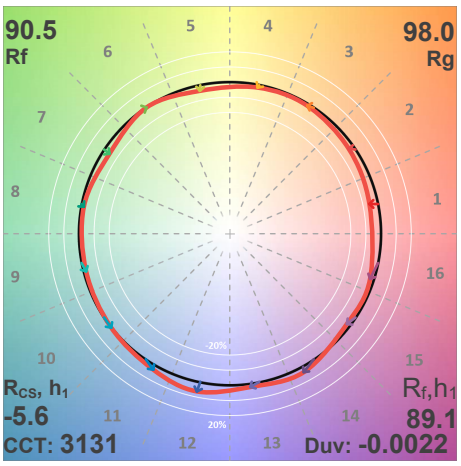
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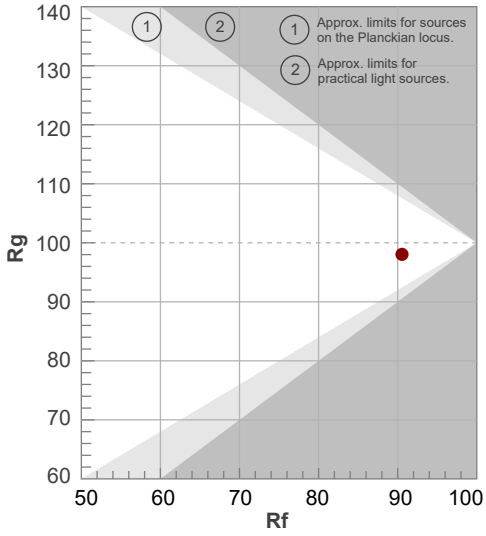
FSL3-GYP-L-2W30K

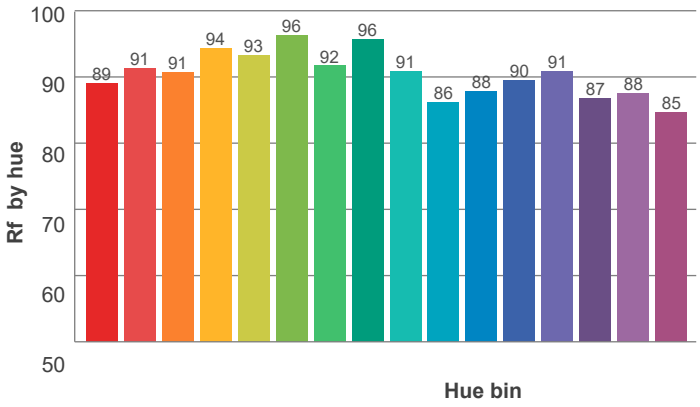
Photometric Testing Report

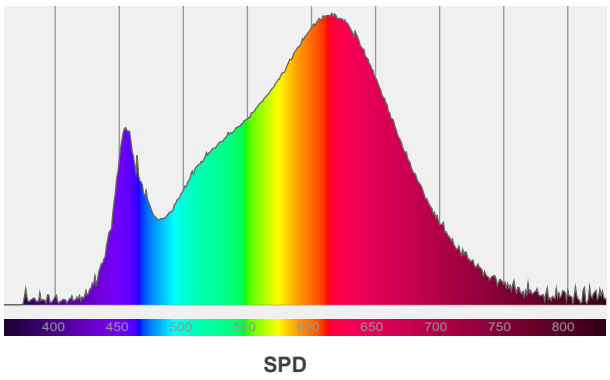
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **3**

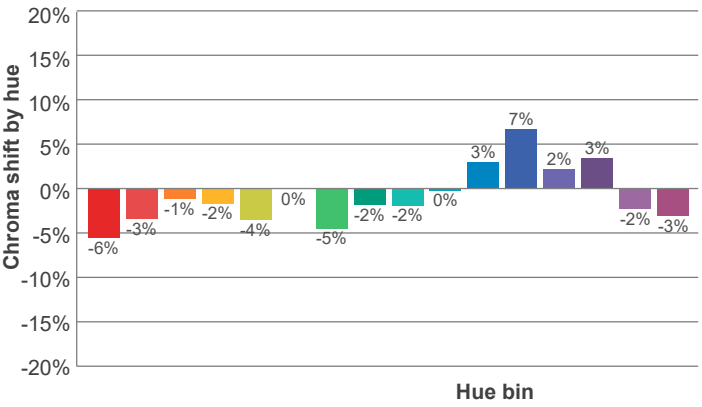


		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	89	-6%	1%
2	91	-3%	3%
3	91	-1%	4%
4	94	-2%	1%
5	93	-4%	1%
6	96	0%	-1%
7	92	-5%	0%
8	96	-2%	1%
9	91	-2%	6%
10	86	0%	8%
11	88	3%	8%
12	90	7%	-1%
13	91	2%	-6%
14	87	3%	-10%
15	88	-2%	-7%
16	85	-3%	-11%









Red: 34.9%, Power=1.14mW

Blue: 10.7%, Power=0.95mW

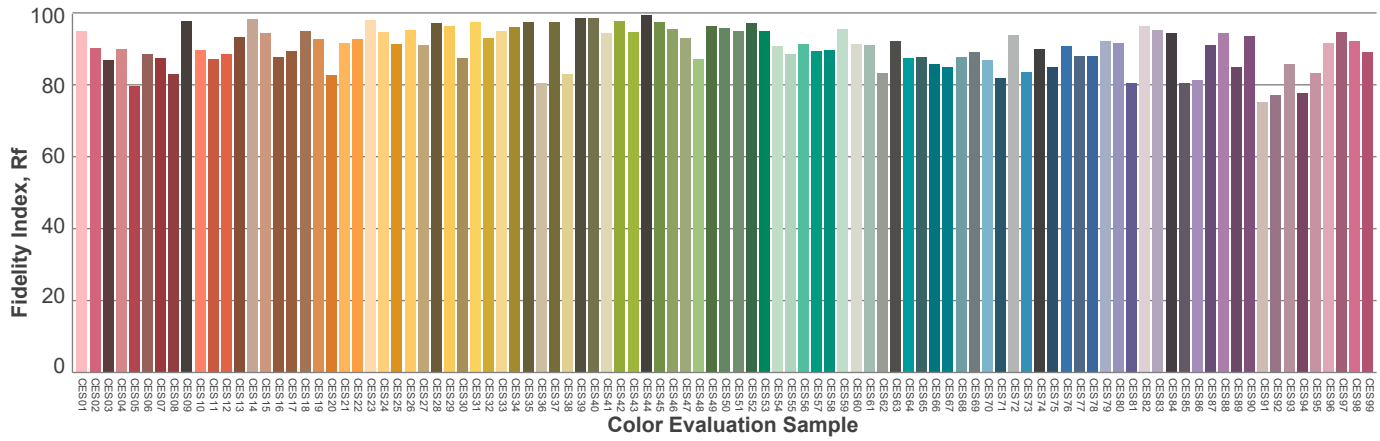
Green: 24.5%, Power=1.51mW

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
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 129 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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