

Light efficiency:

45 Lumen/Watt

Output: 1315 lm

Light quality:

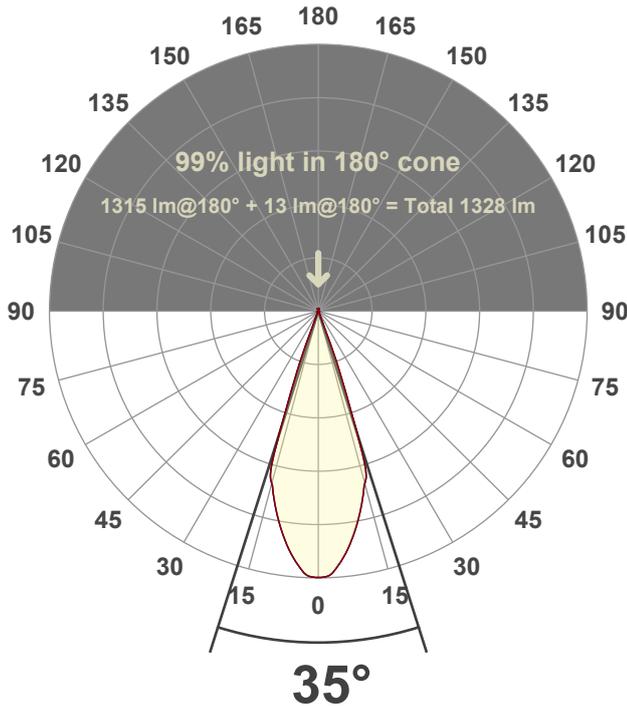
CRI: 93.5

Peak: 5105 cd

Power: 29.1 W



Beam angle



Test number:

SCFP-30W-30K-WIDE

Luminaire Model:

Framing Projector - SCFP-30W-30K

Date and time:

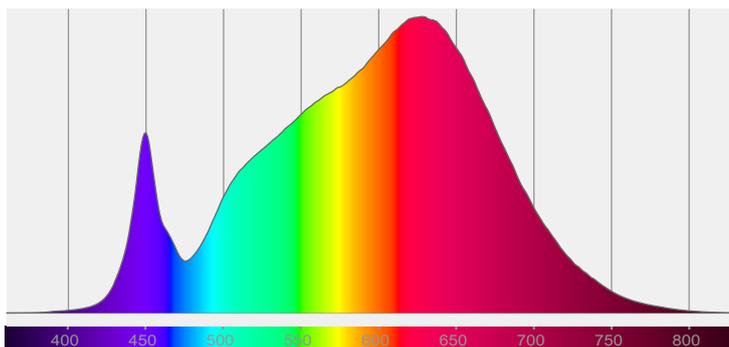
5/21/2025 11:31:00 AM

LUM: 1315

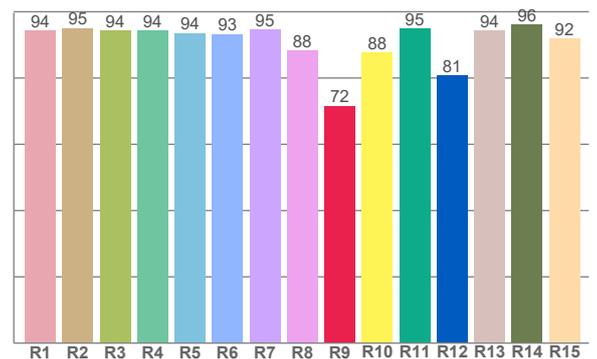
3076 K

\*Variation due to source size, bezel geometry, or secondary optics

Spectra



CRI: 93.5 (R1-R8)



Color parameters

	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
	CRI	CRI R9	TM30 R <sub>f</sub>	TM30 R <sub>g</sub>	CQS	x	y	u	v	Δuv
	93.5	71.6	91.9	102.1	91.2	0.431	0.401	0.248	0.346	-0.0005

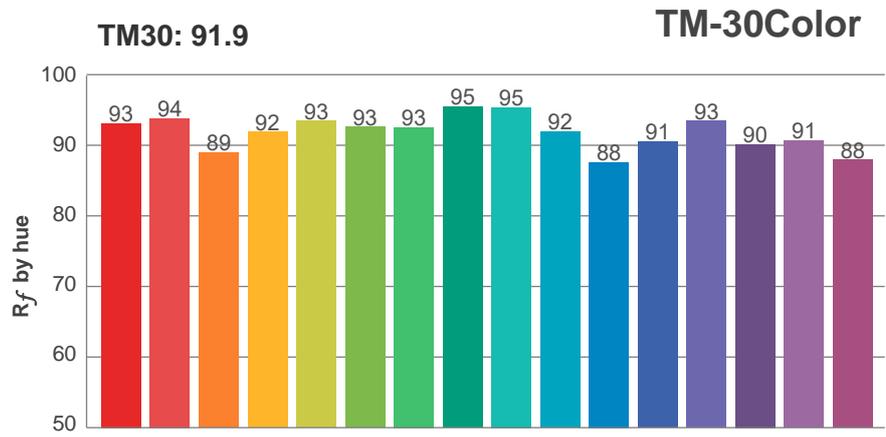
# R<sub>f</sub> 91.9

Fidelity index R<sub>f</sub>

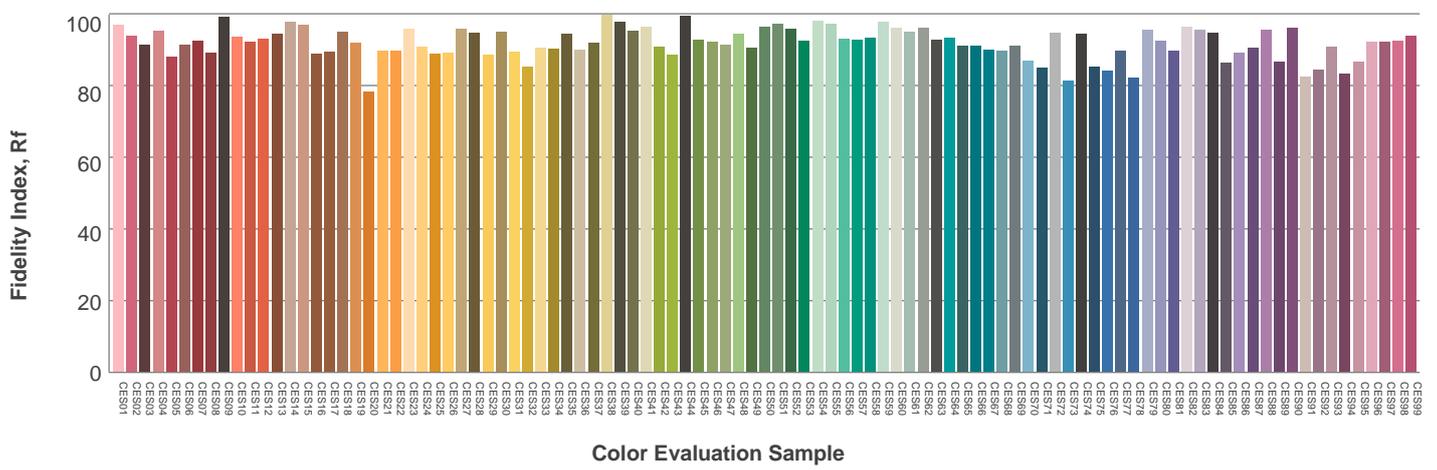
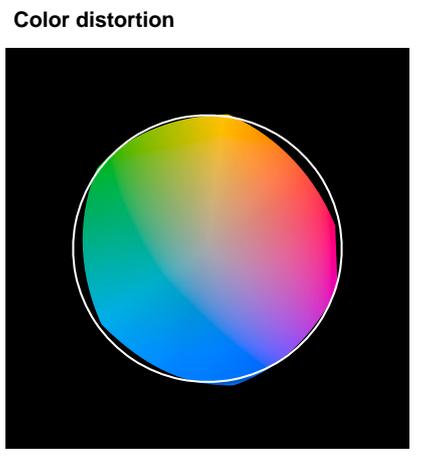
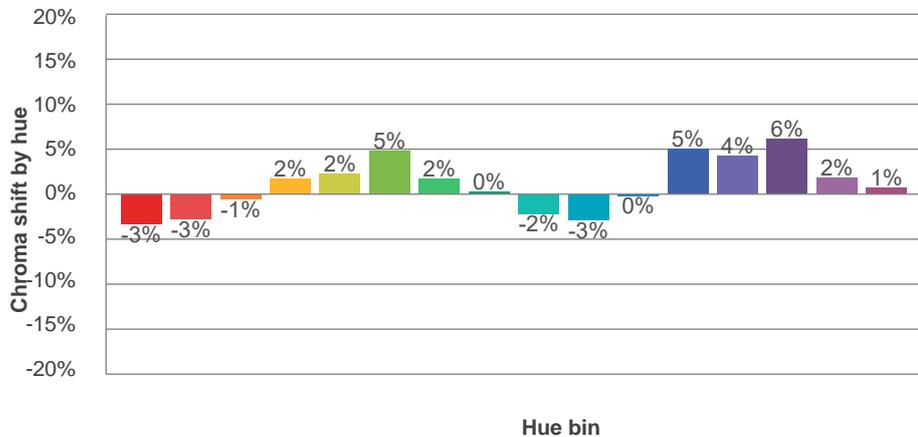
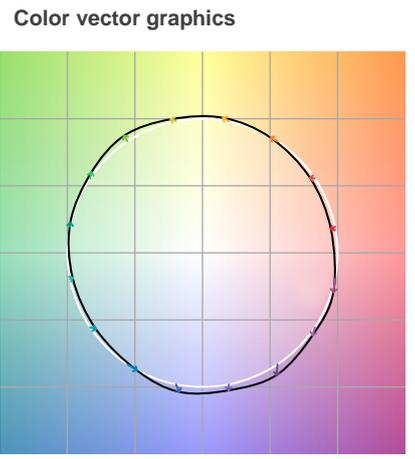
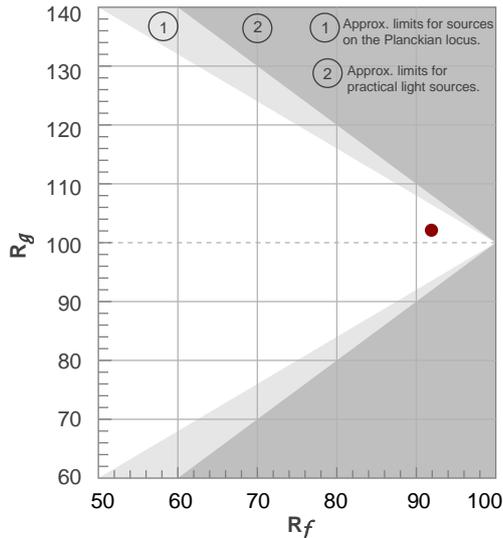
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# R<sub>g</sub> 102.1

Gammut index R<sub>g</sub>

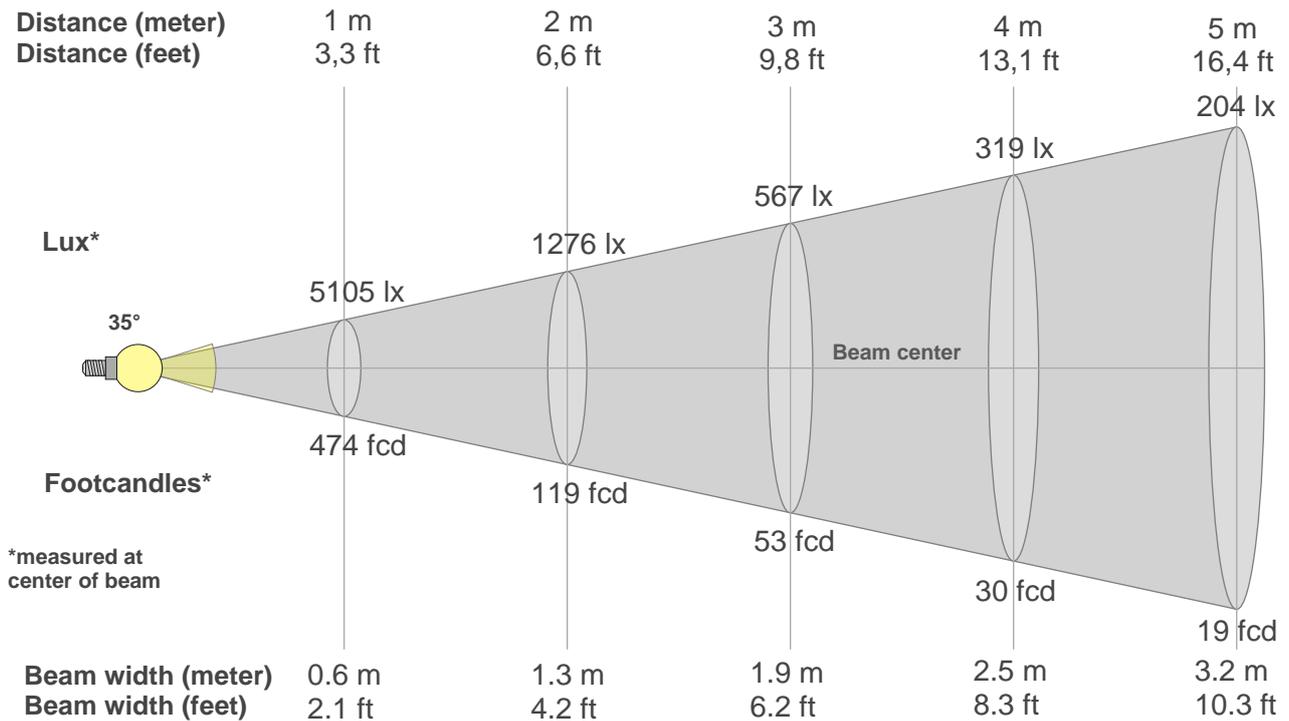


Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	93	-3%	-1%
2	94	-3%	2%
3	89	-1%	6%
4	92	2%	5%
5	93	2%	4%
6	93	5%	0%
7	93	2%	-4%
8	95	0%	-3%
9	95	-2%	0%
10	92	-3%	3%
11	88	0%	8%
12	91	5%	3%
13	93	4%	-1%
14	90	6%	-5%
15	91	2%	-6%
16	88	1%	-10%



[www.specialty-lighting.com](http://www.specialty-lighting.com) As a result of our continuous improvement, values are subject to change without notice. These are delivered results and can vary +/- 10% from published source data range.

### Beam details



#### Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
5105lx	1276lx	567lx	319lx	204lx	142lx	104lx	80lx	63lx	51lx	42lx	35lx	30lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
474.3fcd	118.6fcd	52.7fcd	29.6fcd	19fcd	13.2fcd	9.7fcd	7.4fcd	5.9fcd	4.7fcd	3.9fcd	3.3fcd	2.8fcd	2.4fcd	2.1fcd	1.9fcd	1.6fcd	1.5fcd	1.3fcd	1.2fcd

#### Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5105	5105	4946	4733	4480	4197	3896	3573	3199	2176	889	63	8	2	2	1	2	1	1	1
100%	100%	97%	93%	88%	82%	76%	70%	63%	43%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%

#### Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5105	5105	4946	4733	4480	4197	3896	3573	3199	2176	889	63	8	2	2	1	2	1	1	1
100%	100%	97%	93%	88%	82%	76%	70%	63%	43%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%

#### Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5105	5105	4946	4733	4480	4197	3896	3573	3199	2176	889	63	8	2	2	1	2	1	1	1
100%	100%	97%	93%	88%	82%	76%	70%	63%	43%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%

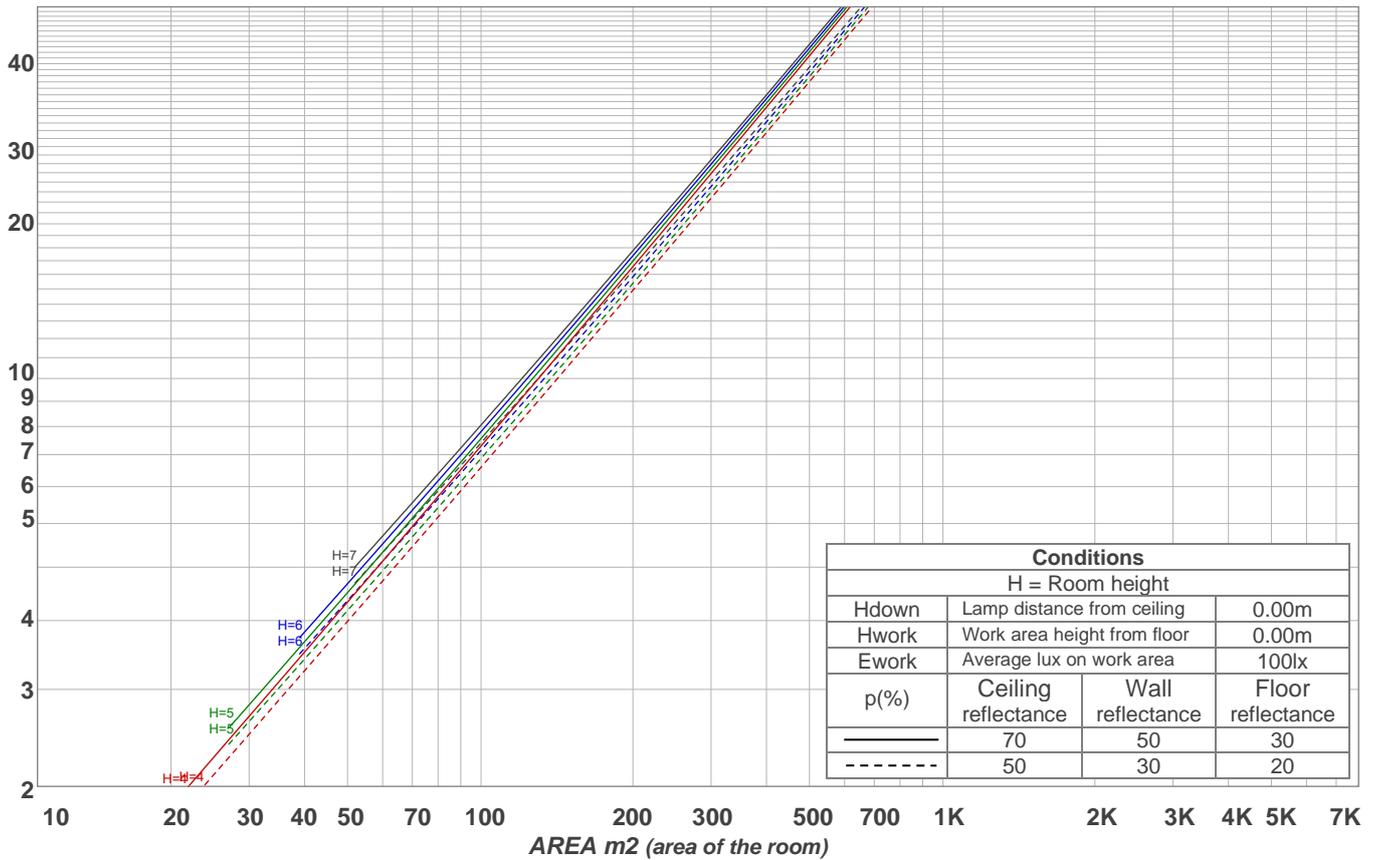
#### Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5105	5105	4946	4733	4480	4197	3896	3573	3199	2176	889	63	8	2	2	1	2	1	1	1
100%	100%	97%	93%	88%	82%	76%	70%	63%	43%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35°	41.6°	43.3°	99.5%	99.4%

LAMPS (number of lamps)  
50

## Light planning Luminaire budgetary diagram



## Luminaire budgetary diagram AREA m2 (area of the room) 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	50	30	10	0
Floor reflectance	20	20	20	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	111	111	111	106	106	106	102	102	102	100	100	100	
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	
4	106	101	97	94	104	100	96	94	98	95	93	96	93	92	94	92	91	89	89	89	
5	103	97	94	91	102	97	93	90	95	92	90	94	91	89	92	90	88	87	87	87	
6	100	95	91	88	99	94	90	88	93	89	87	91	89	87	90	88	86	85	85	85	
7	98	92	88	85	97	91	88	85	90	87	85	89	86	84	88	86	84	83	83	83	
8	95	89	86	83	95	89	85	83	88	85	83	87	84	82	86	84	82	81	81	81	
9	93	87	83	81	92	87	83	81	86	83	81	85	82	80	85	82	80	79	79	79	
10	91	85	81	79	90	85	81	79	84	81	79	83	81	78	83	80	78	77	77	77	

## Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
442 lm	832 lm	32.0 lm	0.864 lm	1.02 lm	1.18 lm	1.35 lm	2.10 lm	2.81 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm