

Light efficiency:

110 Lumen/Watt

Color temperature:

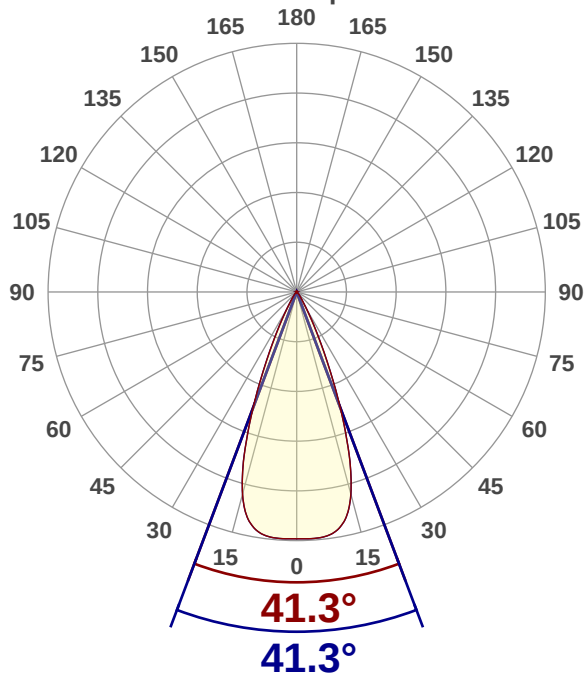
3060 K

Light quality:

CRI:91.3, R_g:89.9, R_f:102.1**P: 2 / V: - / F: 3****Output: 1002 lm****Peak: 2062 cd****Power: 9.1 W****Voltage: 120 V****Current: 0.076 A****PF: 0.9****THD: n/a %**

Angular Distribution

0° and 90° plane



Product name:

H3T-1030M00CXN-RM1

Test Date:

2021-06-18

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

41.3°

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

58.4°

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

73.6°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1385 lx	129 fc	3 ft / 0.9 m
8 ft / 2.4 m	346 lx	32 fc	6 ft / 1.8 m
12 ft / 3.7 m	154 lx	14 fc	9 ft / 2.8 m
16 ft / 4.9 m	87 lx	8 fc	12.1 ft / 3.7 m
20 ft / 6.1 m	55 lx	5 fc	15.1 ft / 4.6 m

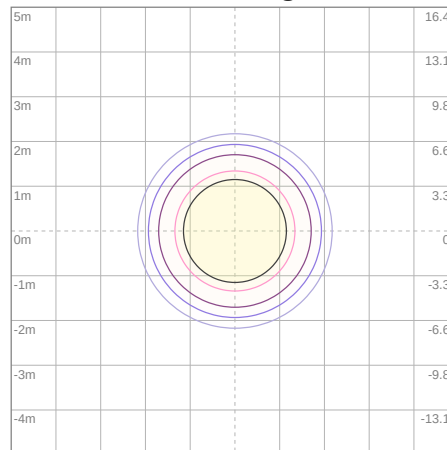
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	896	89.42%
0-40	944	94.21%
0-60	965	96.31%
60-90	13.5	1.35%
70-100	11.9	1.19%
90-120	10.7	1.07%
0-90	978	97.60%
90-180	24.2	2.42%
0-180	1002	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	221 lx
3%	6.63 lx
5%	11.05 lx
10%	22.10 lx
30%	66.30 lx
50%	110.50 lx

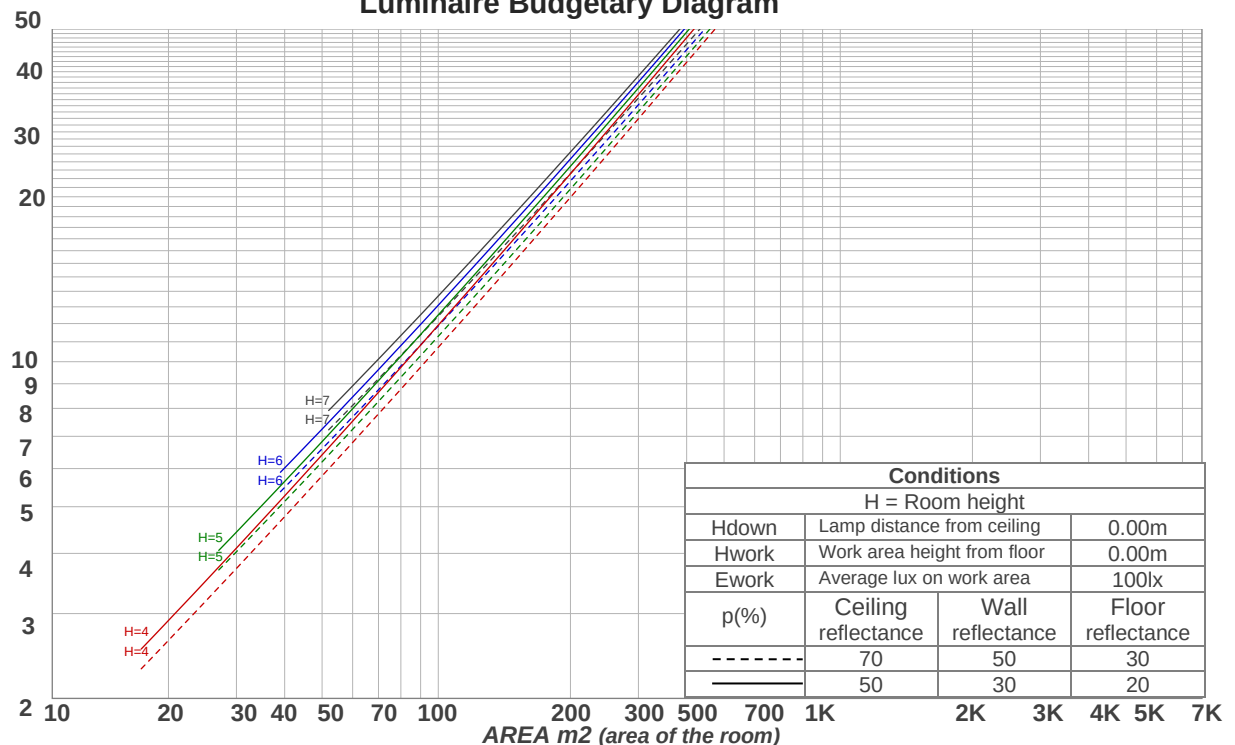
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	114	111	109	107	111	109	107	105	104	103	101	100	99	98	96	95	95	93
2	109	105	101	98	107	103	100	97	99	97	95	96	94	92	93	91	90	88
3	105	99	95	92	103	98	94	91	95	92	89	92	90	87	90	88	86	84
4	101	94	90	86	99	93	89	85	91	87	84	88	85	83	86	84	82	80
5	97	90	85	81	95	89	84	81	87	83	80	85	82	79	83	81	78	77
6	93	86	81	77	92	85	80	77	83	79	76	82	78	76	80	77	75	74
7	90	82	77	74	89	82	77	74	80	76	73	79	75	73	78	74	72	71
8	87	79	74	71	85	78	74	70	77	73	70	76	72	70	75	72	69	68
9	84	76	71	68	83	75	71	68	74	70	67	73	70	67	72	69	67	65
10	81	73	68	65	80	72	68	65	72	67	65	71	67	64	70	67	64	63

LAMPS (number of lamps)

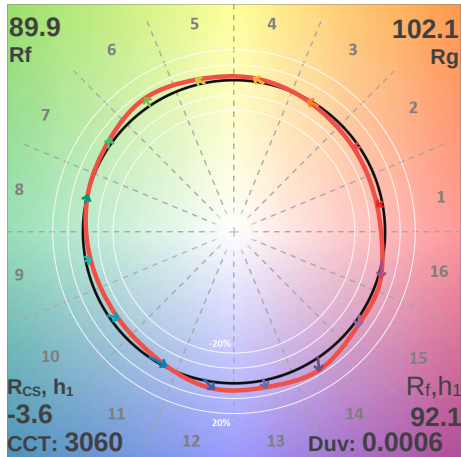
Luminaire Budgetary Diagram



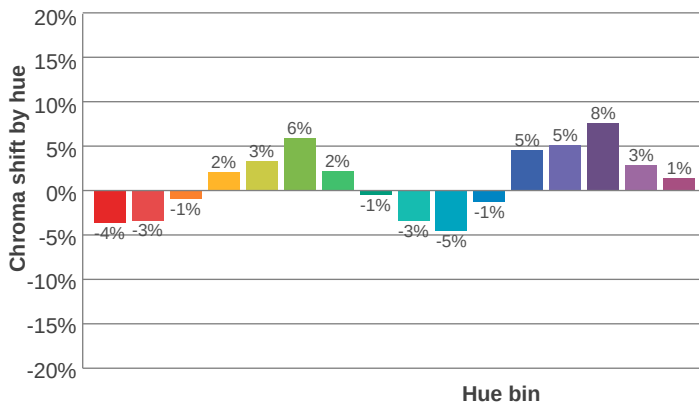
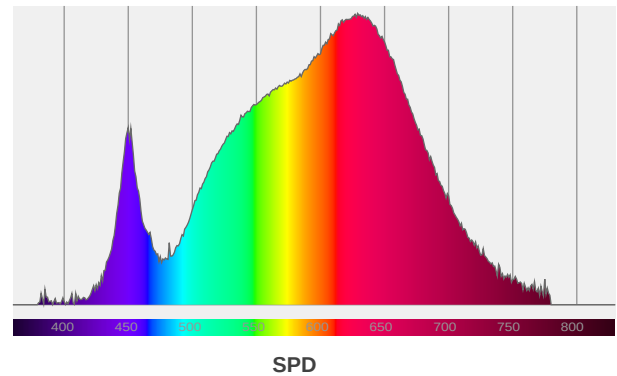
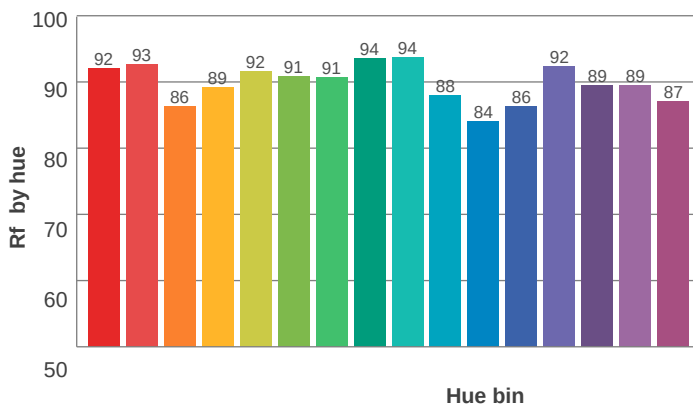
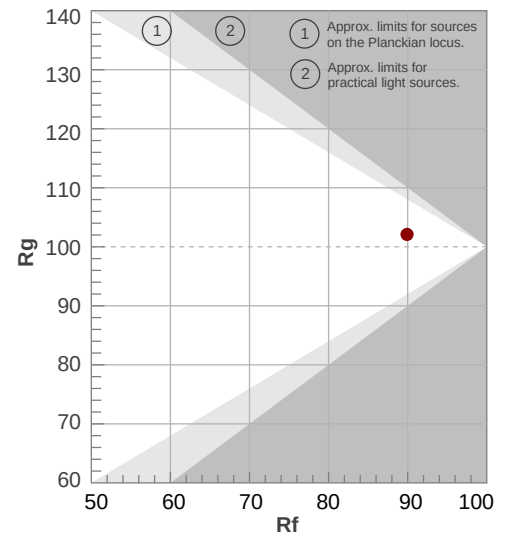
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	93	-3%	2%
3	86	-1%	7%
4	89	2%	6%
5	92	3%	5%
6	91	6%	0%
7	91	2%	-5%
8	94	-1%	-4%
9	94	-3%	-1%
10	88	-5%	5%
11	84	-1%	12%
12	86	5%	7%
13	92	5%	1%
14	89	8%	-4%
15	89	3%	-6%
16	87	1%	-10%



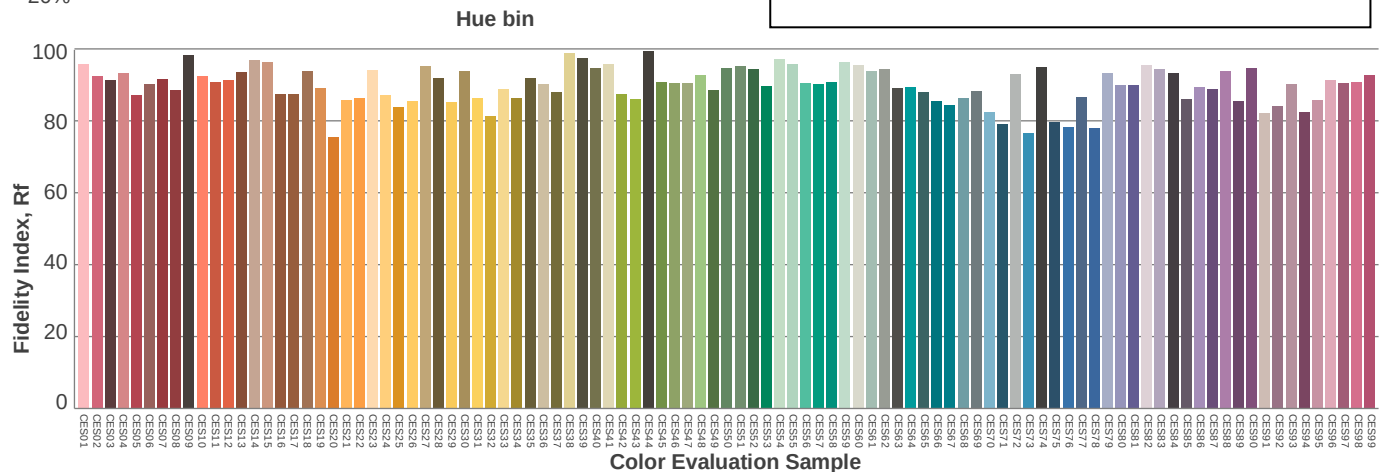
Red: 39.8%, Power=11.3mW

Blue: 7%, Power=3.7mW

Green: 24.6%, Power=12.8mW

UVA: 0.2%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 450nm

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	9.2	9.7	9.3	9.9	10.1	9.2	9.7	9.3	9.9	10.1
	3H	9.7	10.3	10.1	10.6	10.8	9.7	10.3	10.1	10.6	10.8
	4H	10.2	10.8	10.7	11.1	11.4	10.2	10.8	10.7	11.1	11.4
	6H	11.1	11.6	11.4	11.9	12.3	11.1	11.6	11.4	11.9	12.3
	8H	11.5	12.0	11.9	12.4	12.8	11.5	12.0	11.9	12.4	12.8
	12H	12.1	12.6	12.5	13.0	13.4	12.1	12.6	12.5	13.0	13.4
4H	2H	9.1	9.7	9.5	10.0	10.2	9.1	9.7	9.5	10.0	10.2
	3H	10.1	10.6	10.5	11.0	11.4	10.1	10.6	10.5	11.0	11.4
	4H	10.8	11.3	11.3	11.7	12.3	10.8	11.3	11.3	11.7	12.3
	6H	11.9	12.4	12.4	12.7	13.1	11.9	12.4	12.4	12.7	13.1
	8H	12.5	12.9	13.0	13.3	13.7	12.5	12.9	13.0	13.3	13.7
	12H	13.3	13.6	13.8	14.1	14.6	13.3	13.6	13.8	14.1	14.6
8H	4H	11.2	11.6	11.7	12.0	12.4	11.2	11.6	11.7	12.0	12.4
	6H	12.5	12.8	13.0	13.3	13.9	12.5	12.8	13.0	13.3	13.9
	8H	13.4	13.6	13.9	14.2	14.8	13.4	13.6	13.9	14.2	14.8
	12H	14.4	14.6	15.0	15.1	15.8	14.4	14.6	15.0	15.1	15.8
12H	4H	11.2	11.6	11.8	12.0	12.5	11.2	11.6	11.8	12.0	12.5
	6H	12.7	13.0	13.3	13.5	14.2	12.7	13.0	13.3	13.5	14.2
	8H	13.7	13.9	14.3	14.4	15.0	13.7	13.9	14.3	14.4	15.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.0 / -0.4					1.0 / -0.4				
S = 1.5H		2.2 / -0.4					2.2 / -0.4				
S = 2.0H		3.3 / -0.6					3.3 / -0.6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1002 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.