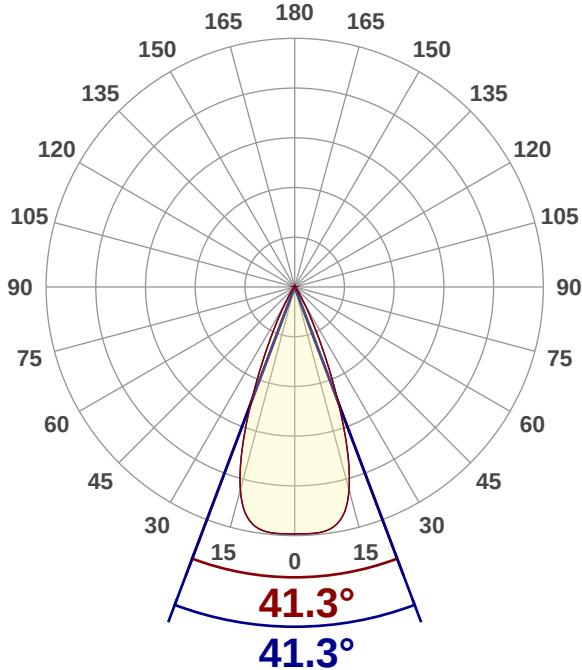


Light efficiency:**93 Lumen/Watt****Color temperature:****3054 K****Light quality:****CRI:90.5, R_g:89.1, R_f:102.2****P: 2 / V: - / F: 3****Output: 1983 lm****Peak: 4151 cd****Power: 21.2 W****Voltage: 120 V****Current: 0.177 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****H3T-1830M00CXN-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):****58.2°****Cut Off Angle (2.5% of the brightness of the centre):****73.4°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2790 lx	259 fc	3 ft / 0.9 m
8 ft / 2.4 m	698 lx	65 fc	6 ft / 1.8 m
12 ft / 3.7 m	310 lx	29 fc	9.1 ft / 2.8 m
16 ft / 4.9 m	174 lx	16 fc	12.1 ft / 3.7 m
20 ft / 6.1 m	112 lx	10 fc	15.1 ft / 4.6 m

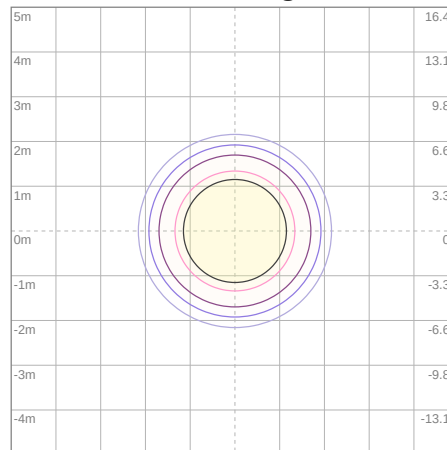
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1809	91.23%
0-40	1902	95.92%
0-60	1940	97.83%
60-90	16.7	0.84%
70-100	12.8	0.65%
90-120	9.97	0.50%
0-90	1957	98.69%
90-180	25.8	1.30%
0-180	1983	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	446 lx
3%	13.38 lx
5%	22.30 lx
10%	44.60 lx
30%	133.80 lx
50%	223.00 lx

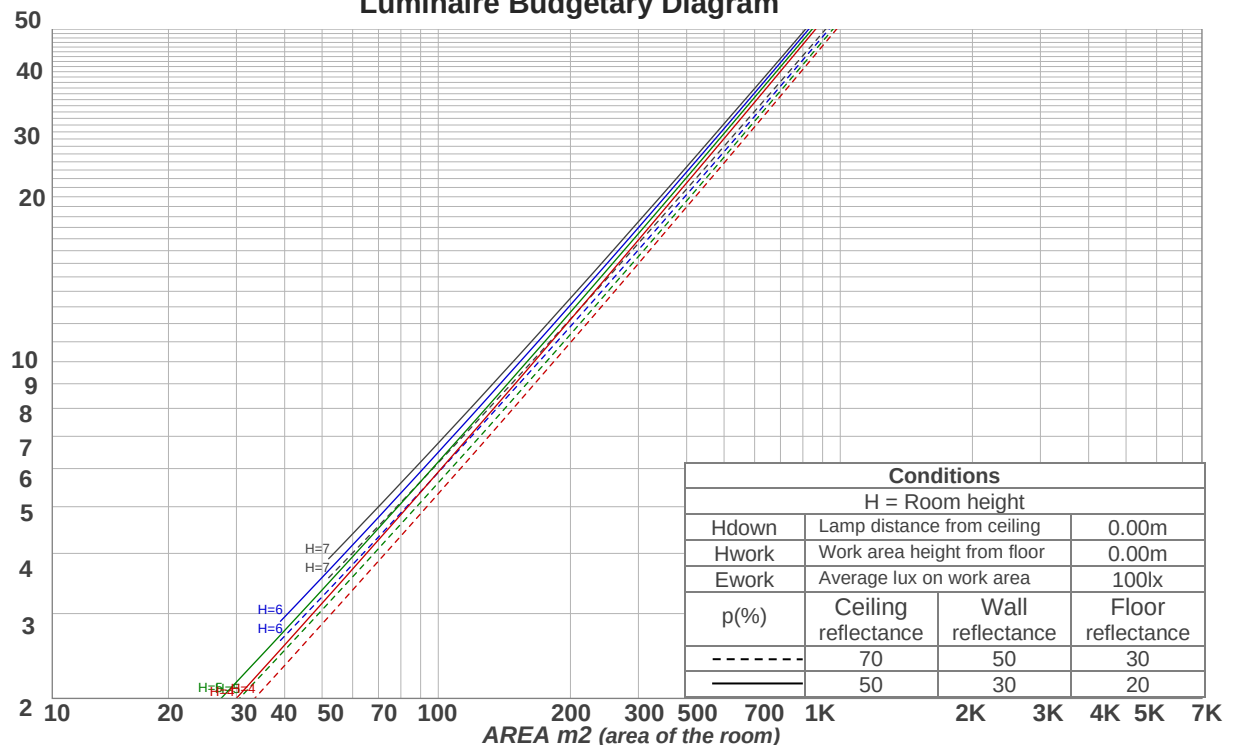
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	105	105	105	101	101	101	99
1	114	112	109	107	111	109	107	106	105	104	102	101	100	99	98	97	96	94
2	110	105	102	99	107	104	101	98	100	98	96	97	95	93	94	93	91	90
3	105	100	96	93	103	99	95	92	96	93	90	93	91	89	91	89	87	86
4	101	95	91	87	100	94	90	87	92	88	85	90	87	84	88	85	83	82
5	98	91	86	83	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	87	82	78	93	86	81	78	84	81	78	83	80	77	82	79	76	75
7	91	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	73	72
8	87	80	75	72	86	79	75	72	78	74	71	77	73	71	76	73	70	69
9	85	77	72	69	83	76	72	69	75	71	68	74	71	68	74	70	68	67
10	82	74	69	66	81	73	69	66	73	69	66	72	68	66	71	68	65	64

LAMPS (number of lamps)

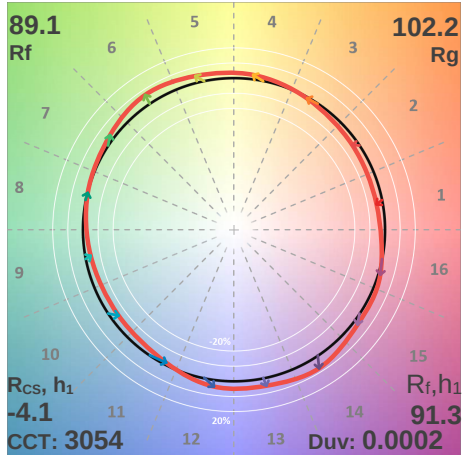
Luminaire Budgetary Diagram



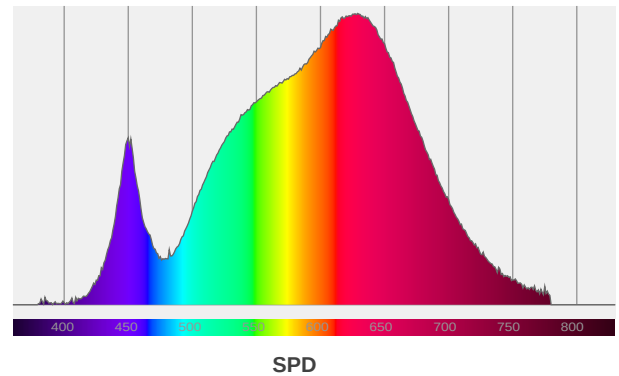
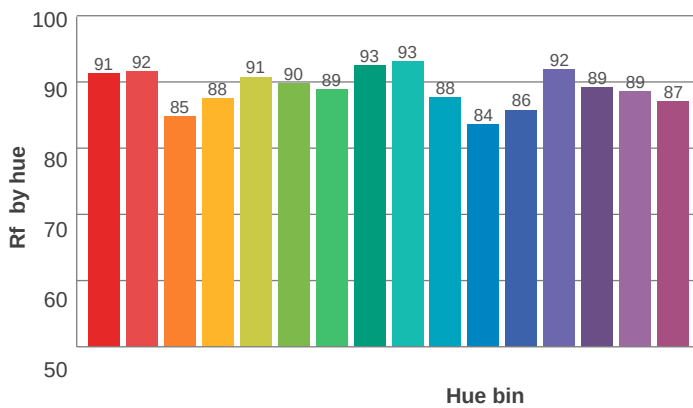
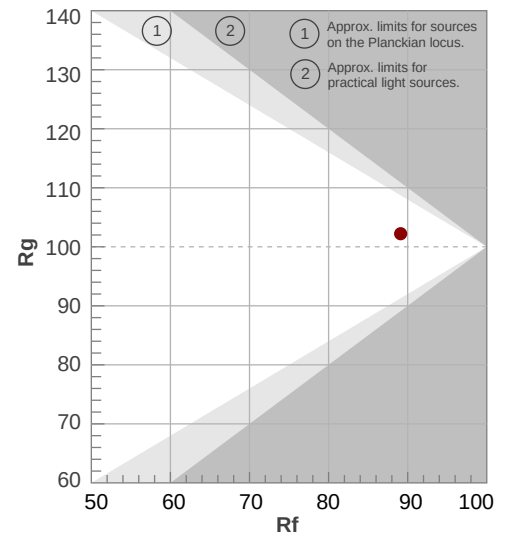
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	-2%
2	92	-4%	3%
3	85	-1%	8%
4	88	3%	7%
5	91	5%	5%
6	90	7%	-1%
7	89	3%	-6%
8	93	-1%	-5%
9	93	-4%	-1%
10	88	-5%	5%
11	84	-2%	12%
12	86	4%	7%
13	92	6%	1%
14	89	8%	-4%
15	89	3%	-7%
16	87	1%	-10%



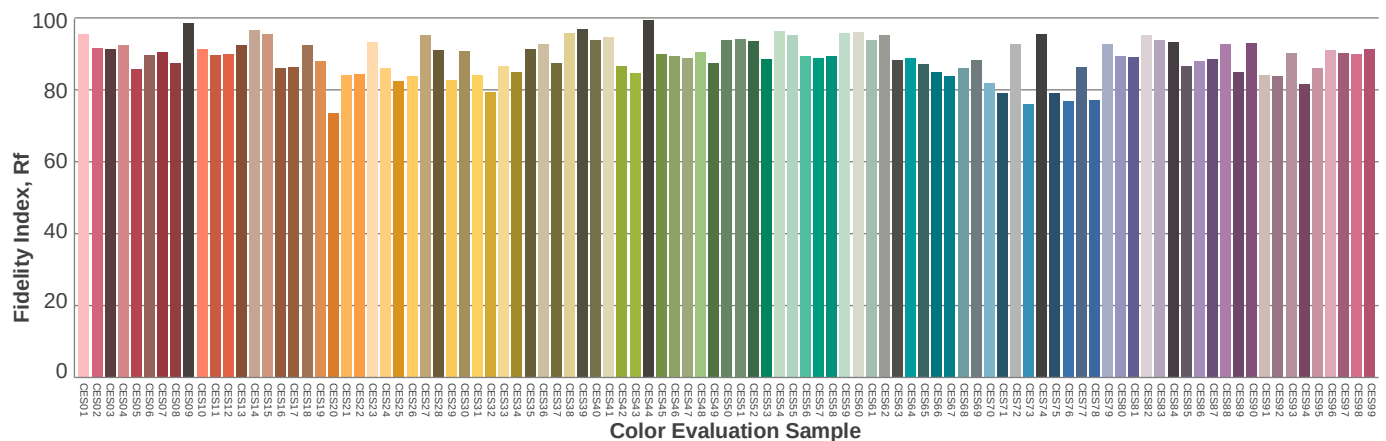
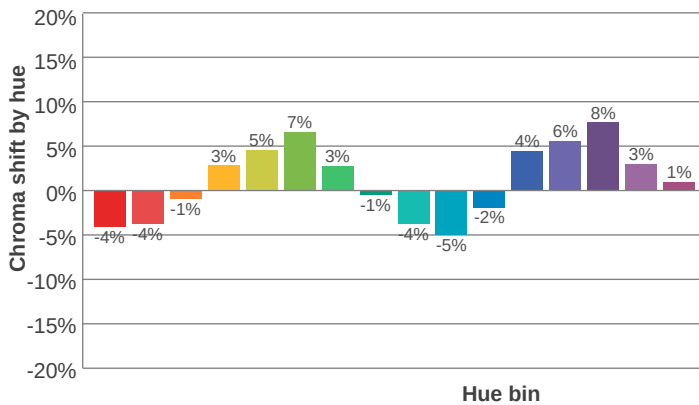
Red: 39.4%, Power=21.8mW

Blue: 6.9%, Power=7.5mW

Green: 24.6%, Power=25.3mW

UVA: 0.1%, 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	11.2	11.7	11.3	11.9	12.1	11.2	11.7	11.3	11.9	12.1
	3H	11.3	12.0	11.7	12.2	12.4	11.3	12.0	11.7	12.2	12.4
	4H	11.5	12.1	11.9	12.4	12.6	11.5	12.1	11.9	12.4	12.6
	6H	11.9	12.4	12.3	12.8	13.1	11.9	12.4	12.3	12.8	13.1
	8H	12.2	12.7	12.5	13.0	13.4	12.2	12.7	12.5	13.0	13.4
	12H	12.5	13.0	12.9	13.3	13.8	12.5	13.0	12.9	13.3	13.8
4H	2H	11.0	11.6	11.4	11.8	12.1	11.0	11.6	11.4	11.8	12.1
	3H	11.5	11.9	11.8	12.3	12.8	11.5	11.9	11.8	12.3	12.8
	4H	11.8	12.2	12.2	12.6	13.2	11.8	12.2	12.2	12.6	13.2
	6H	12.3	12.8	12.8	13.1	13.5	12.3	12.8	12.8	13.1	13.5
	8H	12.7	13.1	13.2	13.5	13.9	12.7	13.1	13.2	13.5	13.9
	12H	13.2	13.5	13.7	13.9	14.4	13.2	13.5	13.7	13.9	14.4
8H	4H	11.9	12.3	12.4	12.7	13.1	11.9	12.3	12.4	12.7	13.1
	6H	12.7	13.0	13.2	13.4	14.0	12.7	13.0	13.2	13.4	14.0
	8H	13.3	13.5	13.8	14.0	14.7	13.3	13.5	13.8	14.0	14.7
	12H	14.0	14.2	14.6	14.7	15.3	14.0	14.2	14.6	14.7	15.3
12H	4H	11.9	12.2	12.4	12.7	13.1	11.9	12.2	12.4	12.7	13.1
	6H	12.8	13.0	13.3	13.6	14.2	12.8	13.0	13.3	13.6	14.2
	8H	13.4	13.6	14.1	14.2	14.8	13.4	13.6	14.1	14.2	14.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.1 / -0.9					2.1 / -0.9				
S = 1.5H		4.0 / -1.0					4.0 / -1.0				
S = 2.0H		5.6 / -1.2					5.6 / -1.2				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1983 lm total luminous flux											