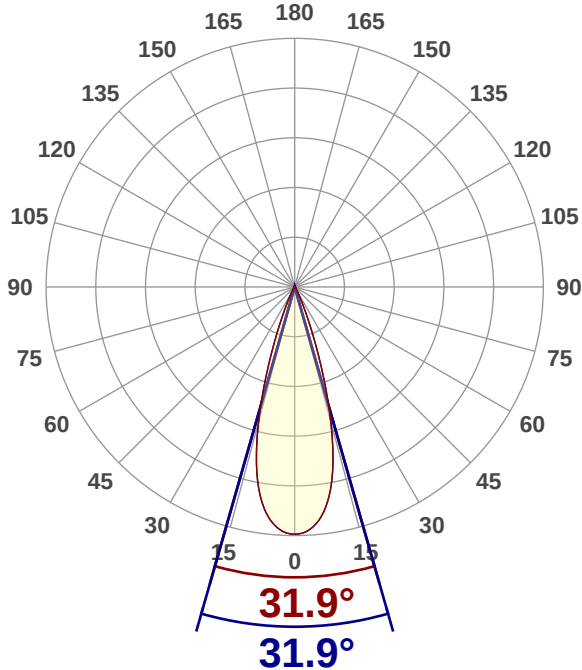


Light efficiency:**94 Lumen/Watt****Color temperature:****3057 K****Light quality:****CRI:90.6, R_g:89.1, R_f:102.2****P: 2 / V: - / F: 3****Output: 2001 lm****Peak: 6771 cd****Power: 21.2 W****Voltage: 120 V****Current: 0.177 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****H3T-1830D00CXN-RM1****Test Date:****2021-06-21****Beam Angle (50% of the brightness of the centre):****31.9°****Field Angle (10% of the brightness of the centre):****47.5°****Cut Off Angle (2.5% of the brightness of the centre):****59.9°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	4555 lx	423 fc	2.3 ft / 0.7 m
8 ft / 2.4 m	1139 lx	106 fc	4.6 ft / 1.4 m
12 ft / 3.7 m	506 lx	47 fc	6.9 ft / 2.1 m
16 ft / 4.9 m	285 lx	26 fc	9.1 ft / 2.8 m
20 ft / 6.1 m	182 lx	17 fc	11.4 ft / 3.5 m

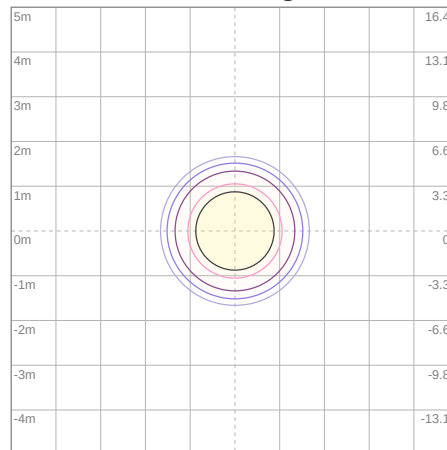
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1869	93.40%
0-40	1925	96.20%
0-60	1957	97.80%
60-90	17.6	0.88%
70-100	13.4	0.67%
90-120	9.85	0.49%
0-90	1975	98.70%
90-180	26.4	1.32%
0-180	2001	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	728 lx
3%	21.84 lx
5%	36.40 lx
10%	72.80 lx
30%	218.40 lx
50%	364.00 lx

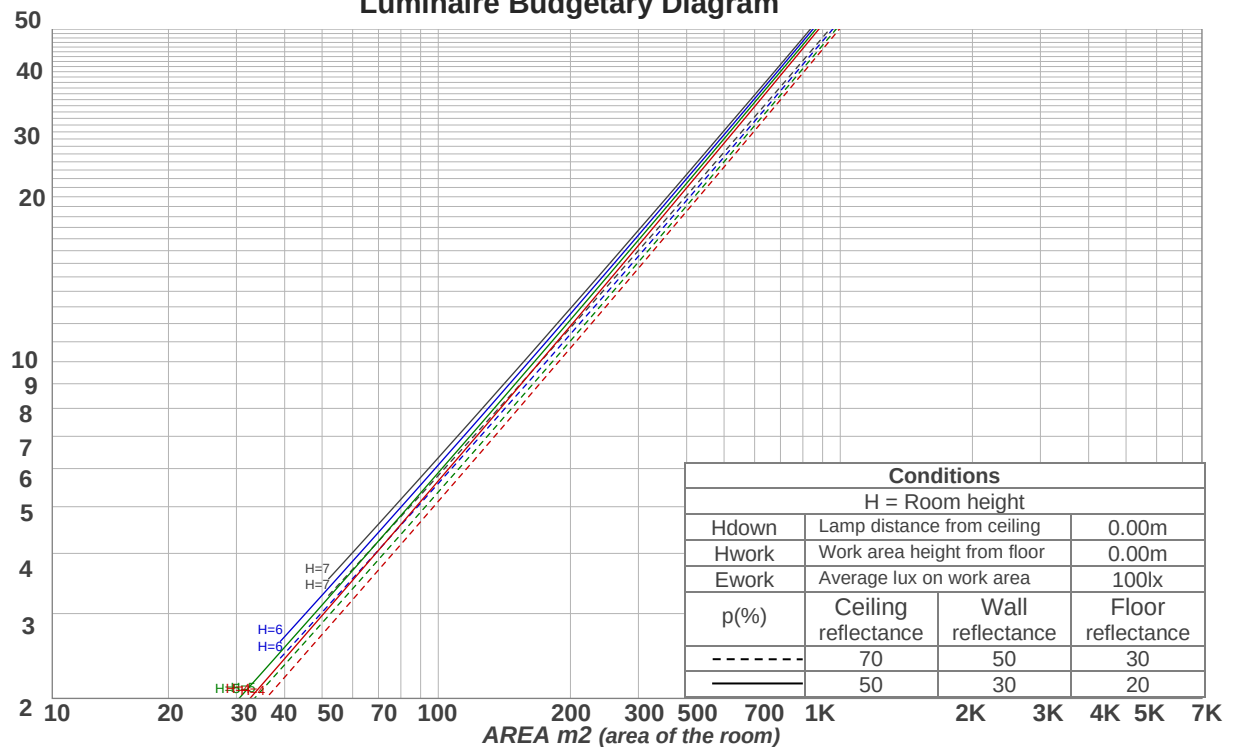
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	110	108	112	110	108	106	106	104	103	102	101	100	98	97	97	95
2	110	107	103	101	108	105	102	100	101	99	97	98	97	95	96	94	93	91
3	107	102	98	95	105	100	97	94	98	95	93	95	93	91	93	91	89	88
4	103	98	93	90	102	96	93	90	94	91	89	92	90	87	90	88	86	85
5	100	94	89	86	98	93	89	86	91	88	85	89	87	84	88	85	83	82
6	97	90	86	83	96	90	86	83	88	85	82	87	84	81	85	83	81	80
7	94	87	83	80	93	87	83	80	85	82	79	84	81	79	83	80	78	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75
9	89	82	78	75	88	81	77	75	80	77	74	80	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	77	74	72	77	74	72	71

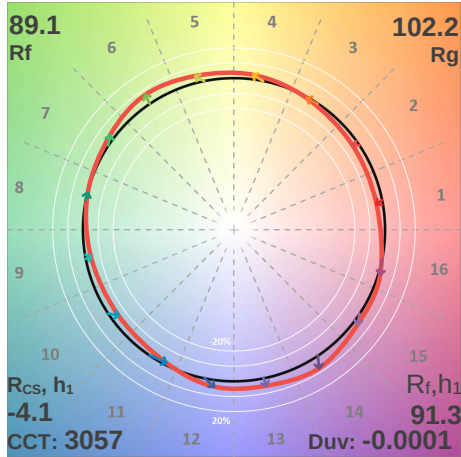
LAMPS (number of lamps)

Luminaire Budgetary Diagram

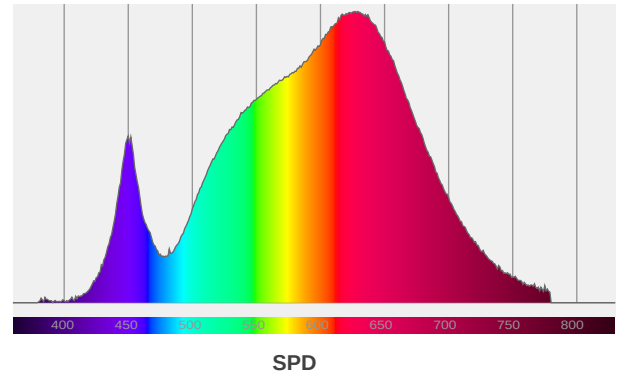
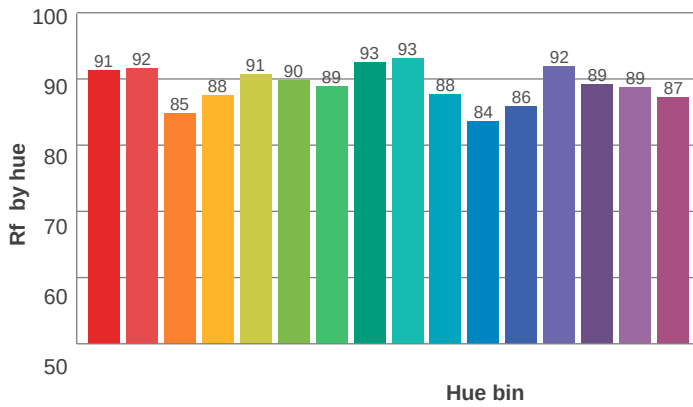
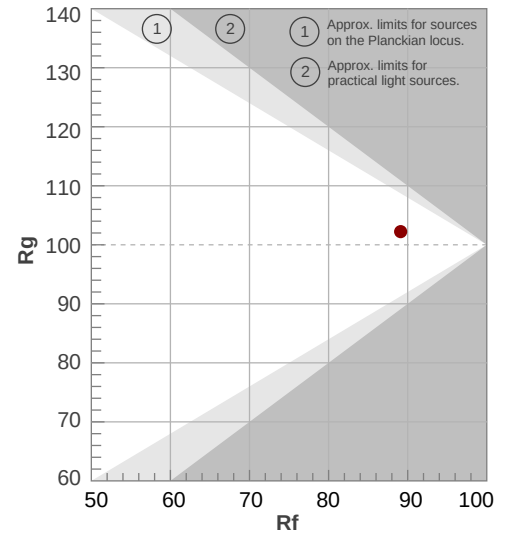


ANSI/IES TM-30-18

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%



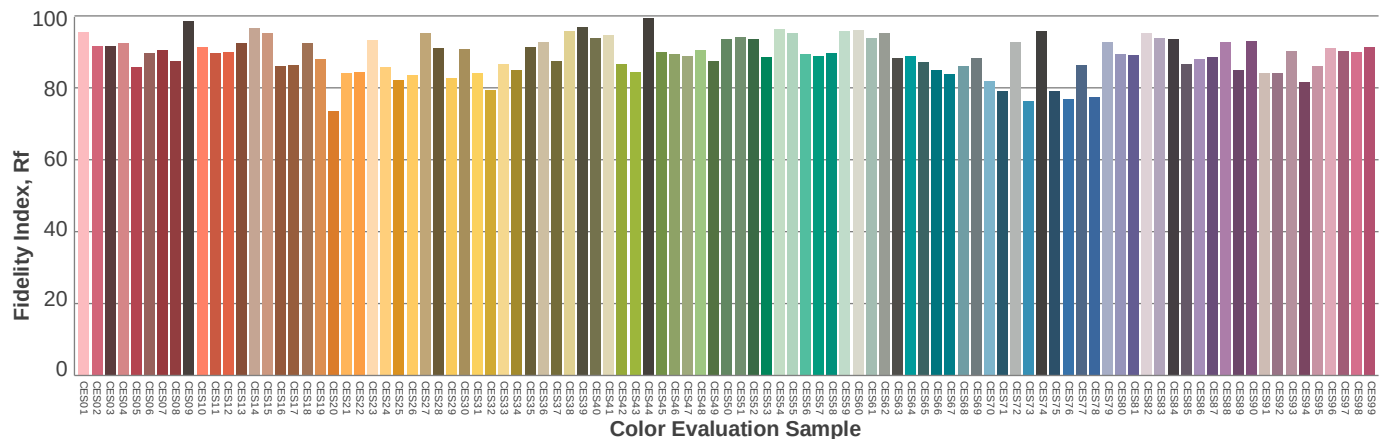
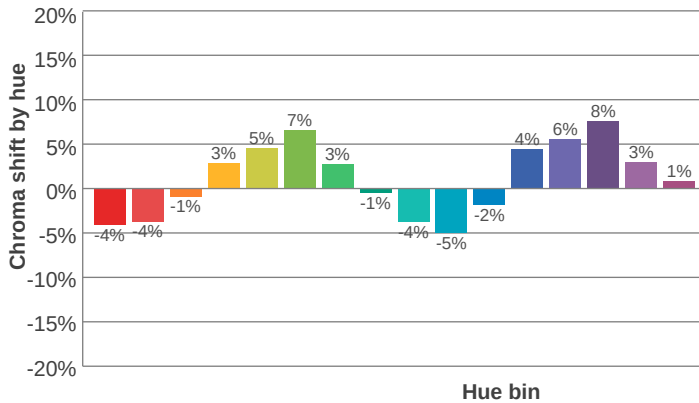
Red: 39.4%, Power=22.1mW

Blue: 6.9%, Power=7.7mW

Green: 24.6%, Power=25.6mW

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	8.9	9.3	9.0	9.5	9.7	8.9	9.3	9.0	9.5	9.7
	3H	9.4	9.9	9.7	10.1	10.3	9.4	9.9	9.7	10.1	10.3
	4H	9.9	10.4	10.3	10.7	10.9	9.9	10.4	10.3	10.7	10.9
	6H	10.7	11.1	11.0	11.4	11.8	10.7	11.1	11.0	11.4	11.8
	8H	11.0	11.5	11.4	11.8	12.2	11.0	11.5	11.4	11.8	12.2
	12H	11.4	11.9	11.8	12.2	12.7	11.4	11.9	11.8	12.2	12.7
4H	2H	8.8	9.4	9.2	9.6	9.9	8.8	9.4	9.2	9.6	9.9
	3H	9.8	10.2	10.2	10.6	11.0	9.8	10.2	10.2	10.6	11.0
	4H	10.5	10.9	10.9	11.3	11.9	10.5	10.9	10.9	11.3	11.9
	6H	11.5	11.9	12.0	12.3	12.6	11.5	11.9	12.0	12.3	12.6
	8H	11.9	12.4	12.5	12.7	13.1	11.9	12.4	12.5	12.7	13.1
	12H	12.5	12.8	13.0	13.2	13.7	12.5	12.8	13.0	13.2	13.7
8H	4H	10.8	11.2	11.3	11.6	12.0	10.8	11.2	11.3	11.6	12.0
	6H	12.1	12.3	12.6	12.8	13.4	12.1	12.3	12.6	12.8	13.4
	8H	12.7	12.9	13.3	13.5	14.1	12.7	12.9	13.3	13.5	14.1
	12H	13.5	13.7	14.1	14.2	14.8	13.5	13.7	14.1	14.2	14.8
12H	4H	10.9	11.2	11.4	11.6	12.1	10.9	11.2	11.4	11.6	12.1
	6H	12.3	12.4	12.8	13.0	13.6	12.3	12.4	12.8	13.0	13.6
	8H	12.9	13.1	13.6	13.6	14.3	12.9	13.1	13.6	13.6	14.3
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.8 / -0.4					0.8 / -0.4				
S = 1.5H		1.9 / -0.5					1.9 / -0.5				
S = 2.0H		3.0 / -0.6					3.0 / -0.6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2001 lm total luminous flux											