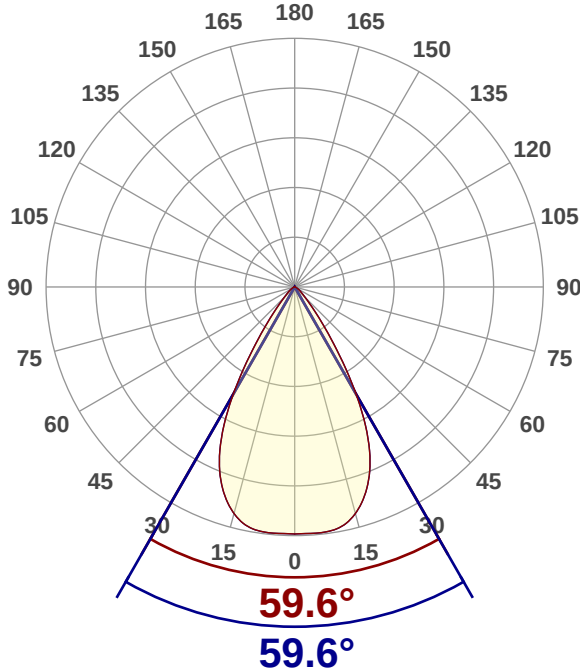


Light efficiency:**73 Lumen/Watt****Color temperature:****2866 K****Light quality:****CRI:93.4, R_g:90.6, R_f:102.4****P: 2 / V: - / F: 2****Output: 1448 lm****Peak: 1553 cd****Power: 19.9 W****Voltage: 120 V****Current: 0.166 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****H3x-15DWW00xxxxxx****Test Date:****2022-05-03****Beam Angle (50% of the brightness of the centre):****59.6°****Field Angle (10% of the brightness of the centre):****82.6°****Cut Off Angle (2.5% of the brightness of the centre):****109.1°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1044 lx	97 fc	4.6 ft / 1.4 m
8 ft / 2.4 m	261 lx	24 fc	9.2 ft / 2.8 m
12 ft / 3.7 m	116 lx	11 fc	13.8 ft / 4.2 m
16 ft / 4.9 m	65 lx	6 fc	18.3 ft / 5.6 m
20 ft / 6.1 m	42 lx	4 fc	22.9 ft / 7 m

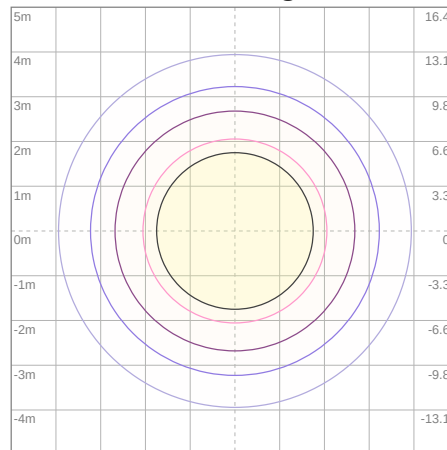
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1053	72.72%
0-40	1314	90.75%
0-60	1426	98.48%
60-90	21.2	1.46%
70-100	8.09	0.56%
90-120	0.531	0.04%
0-90	1447	99.93%
90-180	0.531	0.04%
0-180	1448	100.00%

ISO Lux Diagram



Lux at center:	167 lx
3%	5.01 lx
5%	8.35 lx
10%	16.70 lx
30%	50.10 lx
50%	83.50 lx

Conditions:

Number of planes: 8

Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

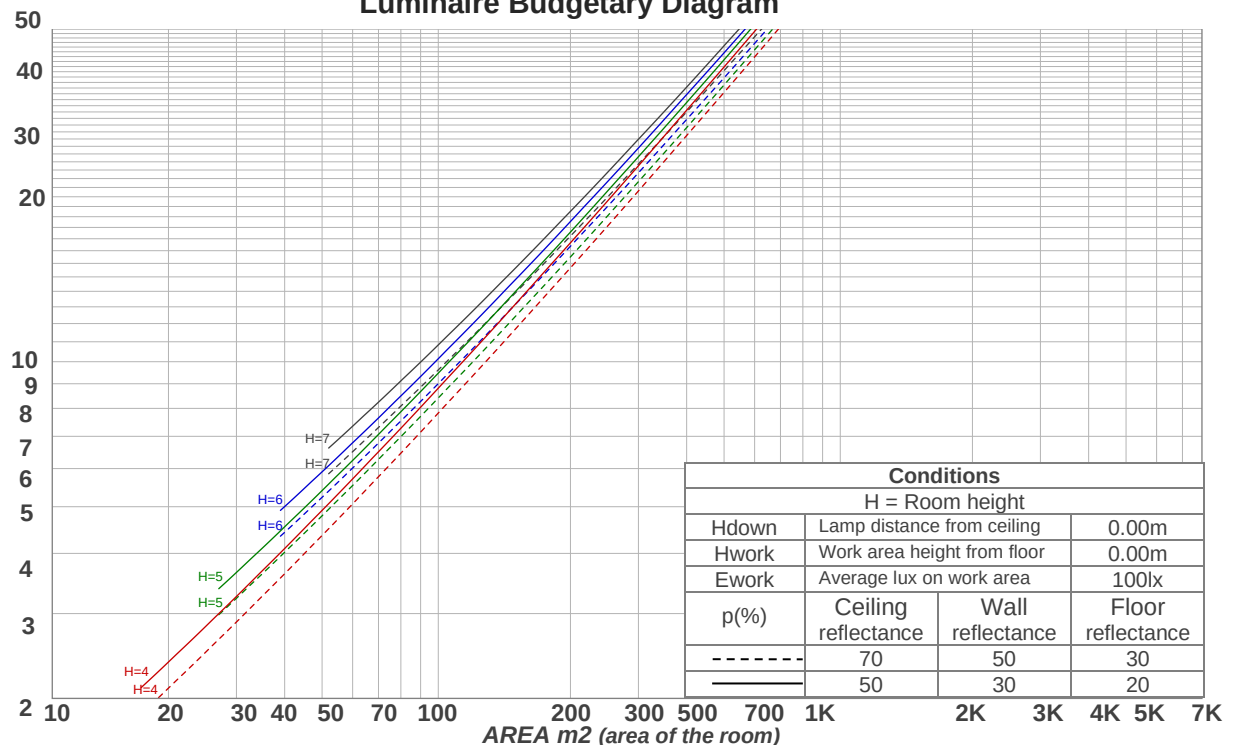
Mounting height: 3.05 meters (10 feet)

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	111	111	111	106	106	106	102	102	102	100
1	113	110	108	106	111	108	106	104	104	102	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61
8	79	70	64	59	78	69	63	59	68	63	59	67	62	59	66	62	58	57
9	75	66	60	56	74	65	59	56	64	59	55	63	59	55	62	58	55	54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51

LAMPS (number of lamps)

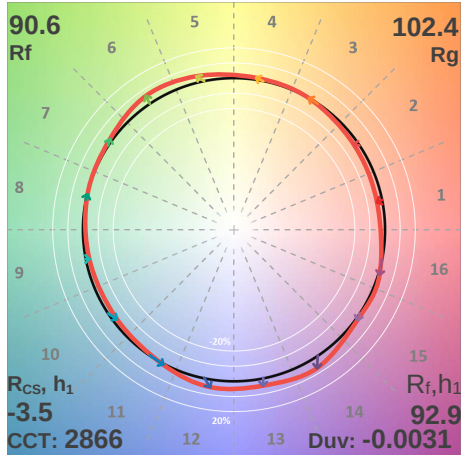
Luminaire Budgetary Diagram



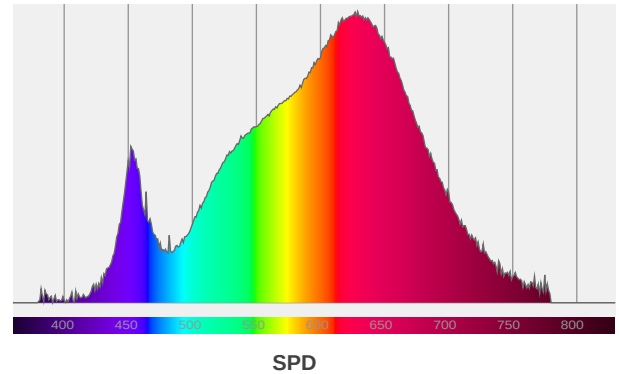
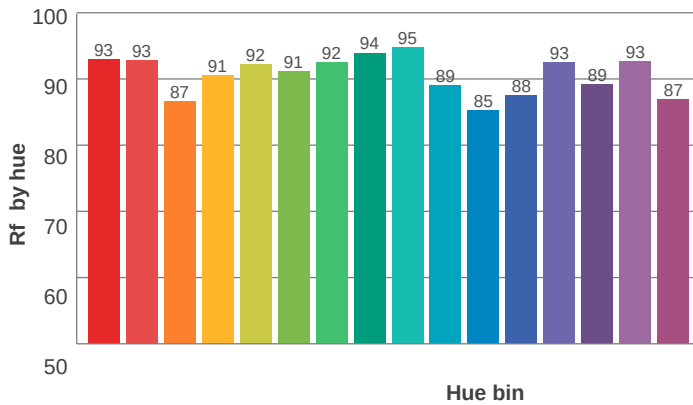
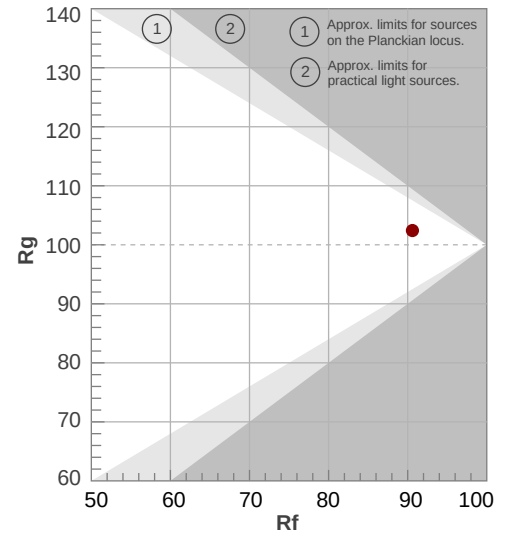
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	93	-3%	3%
3	87	0%	7%
4	91	1%	5%
5	92	4%	4%
6	91	6%	-1%
7	92	1%	-4%
8	94	-1%	-4%
9	95	-2%	0%
10	89	-3%	6%
11	85	0%	11%
12	88	5%	5%
13	93	5%	-1%
14	89	7%	-5%
15	93	1%	-4%
16	87	0%	-10%



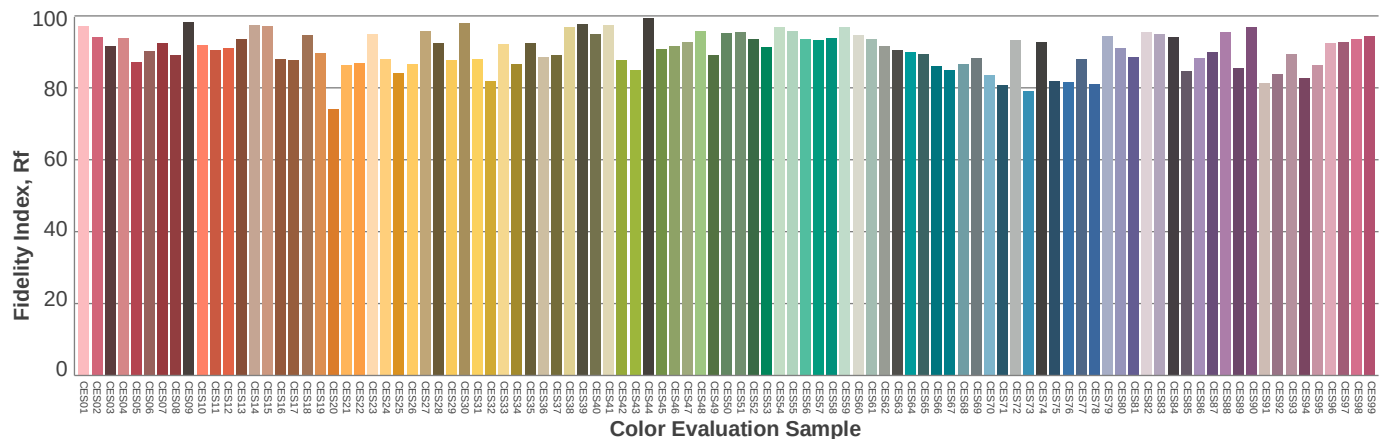
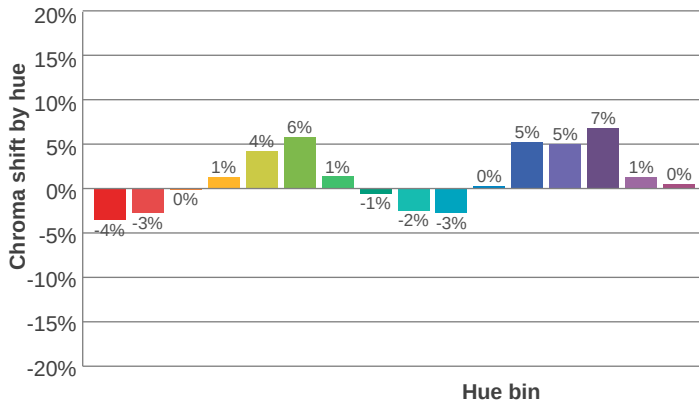
Red: 41.7%, Power=17.8mW

Blue: 7.8%, Power=7.3mW

Green: 22.5%, Power=17.5mW

UVA: 0.2%, Power=0.0mW

Dominant Wavelength: 585nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 452nm

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	19.7	20.3	19.8	20.6	20.8	19.7	20.3	19.8	20.6	20.8
	3H	19.5	20.3	19.9	20.5	20.7	19.5	20.3	19.9	20.5	20.7
	4H	19.4	20.2	19.8	20.4	20.7	19.4	20.2	19.8	20.4	20.7
	6H	19.5	20.1	19.8	20.4	20.7	19.5	20.1	19.8	20.4	20.7
	8H	19.4	20.0	19.7	20.4	20.7	19.4	20.0	19.7	20.4	20.7
	12H	19.4	20.0	19.8	20.4	20.8	19.4	20.0	19.8	20.4	20.8
4H	2H	19.4	20.2	19.8	20.4	20.6	19.4	20.2	19.8	20.4	20.6
	3H	19.4	20.0	19.8	20.4	20.8	19.4	20.0	19.8	20.4	20.8
	4H	19.3	19.9	19.8	20.3	20.8	19.3	19.9	19.8	20.3	20.8
	6H	19.3	19.9	19.8	20.2	20.6	19.3	19.9	19.8	20.2	20.6
	8H	19.3	19.8	19.8	20.2	20.5	19.3	19.8	19.8	20.2	20.5
	12H	19.3	19.7	19.8	20.1	20.6	19.3	19.7	19.8	20.1	20.6
8H	4H	19.2	19.7	19.7	20.1	20.5	19.2	19.7	19.7	20.1	20.5
	6H	19.2	19.6	19.7	20.0	20.6	19.2	19.6	19.7	20.0	20.6
	8H	19.3	19.6	19.8	20.1	20.7	19.3	19.6	19.8	20.1	20.7
	12H	19.4	19.6	19.9	20.1	20.7	19.4	19.6	19.9	20.1	20.7
12H	4H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.7	20.0	20.5
	6H	19.2	19.5	19.8	20.0	20.7	19.2	19.5	19.8	20.0	20.7
	8H	19.3	19.5	19.9	20.0	20.6	19.3	19.5	19.9	20.0	20.6
Variation of the observer position for the luminaire distance S											
S = 1.0H		4.2 / -3.8					4.2 / -3.8				
S = 1.5H		6.7 / -4.9					6.7 / -4.9				
S = 2.0H		8.6 / -5.9					8.6 / -5.9				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1448 lm total luminous flux											