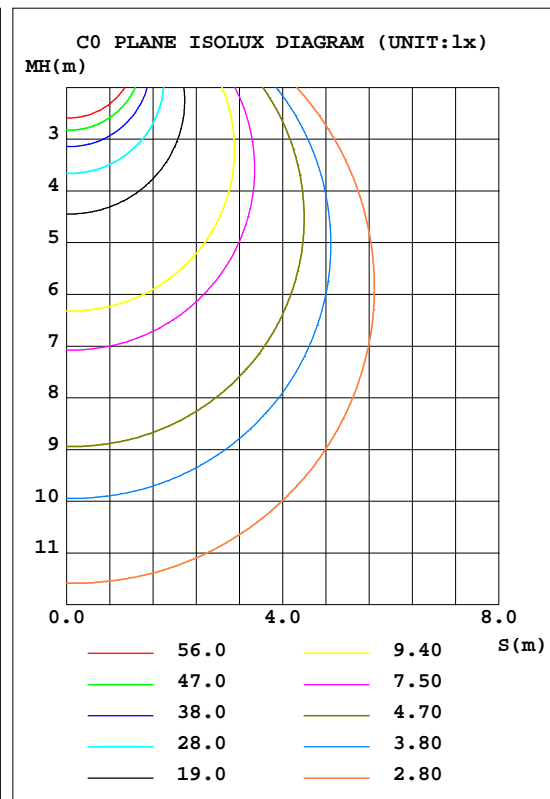
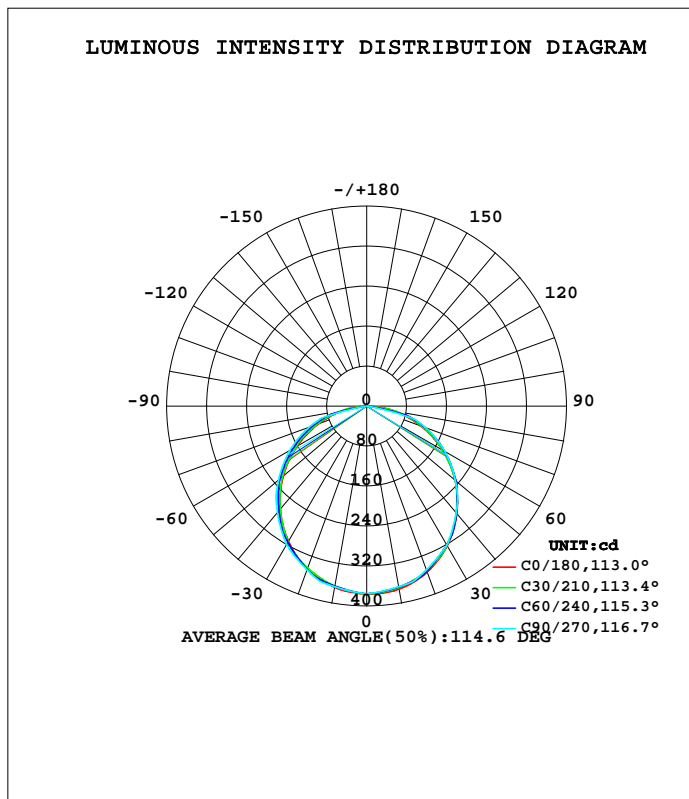


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	YYR15W4K	I _{max} (cd)	376.1	S/MH(C0/180)	1.27
NOMINAL POWER(W)	15	LOR(%)	98.9	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1088.2	η UP, DN(C0-180)	0.0, 49.6
NOMINAL FLUX(lm)	1100	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.8	η down(%)	98.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: FHX
 Test Date: 2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 14.690m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	\$lum,lamp
5	375.3	372.6	371.4	371.3	373.6	371.2	371.4	372.5	0- 5	8.933	8.933	0.82,0.81
10	372.0	367.9	367.2	365.7	368.3	365.5	367.2	367.8	5- 10	26.45	35.39	3.25,3.22
15	364.5	361.3	362.9	358.0	359.3	357.7	362.9	361.0	10- 15	43.16	78.55	7.22,7.14
20	353.6	352.9	349.0	348.6	346.9	348.1	348.8	352.2	15- 20	58.47	137.0	12.6,12.5
25	339.6	337.2	335.1	332.1	331.5	331.7	334.7	336.7	20- 25	71.61	208.6	19.2,19
30	322.7	319.6	321.2	313.4	312.9	313.0	320.6	319.0	25- 30	82.44	291.1	26.7,26.5
35	302.8	301.1	300.1	293.8	292.0	293.5	299.3	300.3	30- 35	90.60	381.7	35.1,34.7
40	281.0	281.2	278.9	272.8	269.0	272.7	278.0	280.5	35- 40	95.65	477.3	43.9,43.4
45	256.6	256.2	257.8	247.7	244.2	247.4	256.7	255.3	40- 45	97.74	575.1	52.8,52.3
50	230.8	231.1	232.0	222.2	217.6	222.0	230.5	229.9	45- 50	96.86	671.9	61.7,61.1
55	203.4	205.7	206.2	196.9	189.9	196.6	204.3	204.3	50- 55	92.83	764.7	70.3,69.5
60	174.6	177.0	180.4	167.6	160.8	167.1	178.1	175.1	55- 60	86.06	850.8	78.2,77.3
65	144.9	149.0	152.4	138.9	130.9	138.1	149.7	146.6	60- 65	76.81	927.6	85.2,84.3
70	114.2	120.3	124.4	110.1	100.7	109.2	121.3	117.4	65- 70	65.30	992.9	91.2,90.3
75	83.72	90.54	96.45	81.15	70.85	80.23	92.90	87.23	70- 75	52.13	1045	96.95
80	54.35	52.37	0	45.55	42.76	44.77	0	49.53	75- 80	32.95	1078	99.1,98
85	23.14	0	0	0	13.53	0	0	0	80- 85	9.254	1087	99.9,98.8
90	0.7583	0	0	0	0.3476	0	0	0	85- 90	0.9206	1088	100,98.9
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

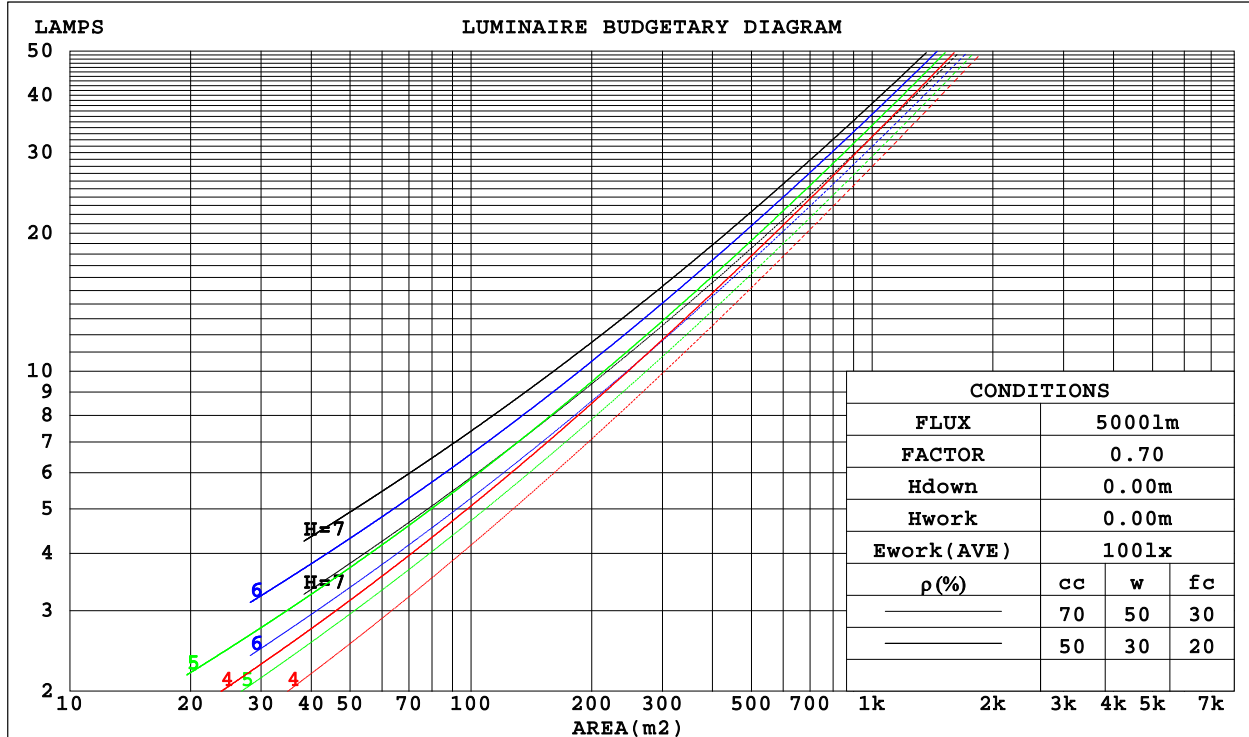
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.89	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.78	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.58
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.55	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.44	.39	.37
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.303	.172	.055	.296	.169	.054	.283	.162	.052	.271	.156	.050	.260	.151	.049	
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.268	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.212	.107	.030	.209	.105	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.147	.074	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.188	.188	.188	.161	.161	.161	.110	.110	.110	.063	.063	.063	.020	.020	.020	
1.0	.178	.154	.133	.152	.133	.115	.104	.091	.079	.060	.053	.046	.019	.017	.015	
2.0	.170	.130	.097	.146	.112	.084	.100	.078	.058	.058	.045	.034	.019	.015	.011	
3.0	.163	.113	.073	.140	.098	.064	.096	.068	.045	.055	.040	.026	.018	.013	.009	
4.0	.156	.100	.057	.133	.086	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
5.0	.148	.090	.046	.127	.078	.040	.088	.054	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.081	.039	.121	.070	.034	.084	.049	.024	.049	.029	.014	.016	.009	.005	
7.0	.134	.075	.033	.116	.065	.029	.080	.045	.020	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.028	.110	.060	.025	.076	.042	.017	.044	.025	.010	.014	.008	.003	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.015	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.022	.100	.052	.019	.070	.036	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm										
NAME: YYR15W4K					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.: JNC					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	17.4	18.9	17.6	19.1	19.3	17.6	19.1	17.8	19.3	19.5
3H	19.0	20.4	19.3	20.7	20.9	19.4	20.8	19.7	21.0	21.3
4H	19.7	21.1	20.0	21.3	21.6	20.2	21.5	20.5	21.8	22.0
6H	20.3	21.6	20.6	21.8	22.1	20.3	21.6	20.6	21.8	22.1
8H	20.5	21.7	20.8	22.0	22.3	20.2	21.5	20.6	21.8	22.1
12H	20.6	21.8	20.9	22.1	22.4	20.2	21.4	20.5	21.7	22.0
4H 2H	18.1	19.4	18.4	19.7	19.9	18.2	19.6	18.5	19.8	20.1
3H	19.9	21.1	20.3	21.4	21.7	20.2	21.4	20.6	21.7	22.0
4H	20.8	21.9	21.2	22.2	22.5	21.2	22.3	21.6	22.6	22.9
6H	21.5	22.4	21.9	22.8	23.1	21.4	22.3	21.8	22.7	23.0
8H	21.7	22.6	22.1	23.0	23.4	21.3	22.2	21.7	22.6	23.0
12H	21.9	22.7	22.3	23.1	23.5	21.3	22.1	21.7	22.5	22.9
8H 4H	21.2	22.1	21.6	22.4	22.8	21.5	22.4	21.9	22.8	23.2
6H	22.0	22.8	22.5	23.2	23.6	21.8	22.5	22.2	22.9	23.3
8H	22.4	23.1	22.9	23.5	24.0	21.7	22.4	22.2	22.8	23.2
12H	22.7	23.3	23.2	23.7	24.2	21.7	22.2	22.2	22.7	23.2
12H 4H	21.1	22.0	21.6	22.4	22.8	21.6	22.4	22.0	22.8	23.2
6H	22.1	22.7	22.5	23.1	23.6	21.8	22.5	22.3	22.9	23.3
8H	22.4	23.0	22.9	23.5	23.9	21.8	22.3	22.2	22.8	23.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 1100 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

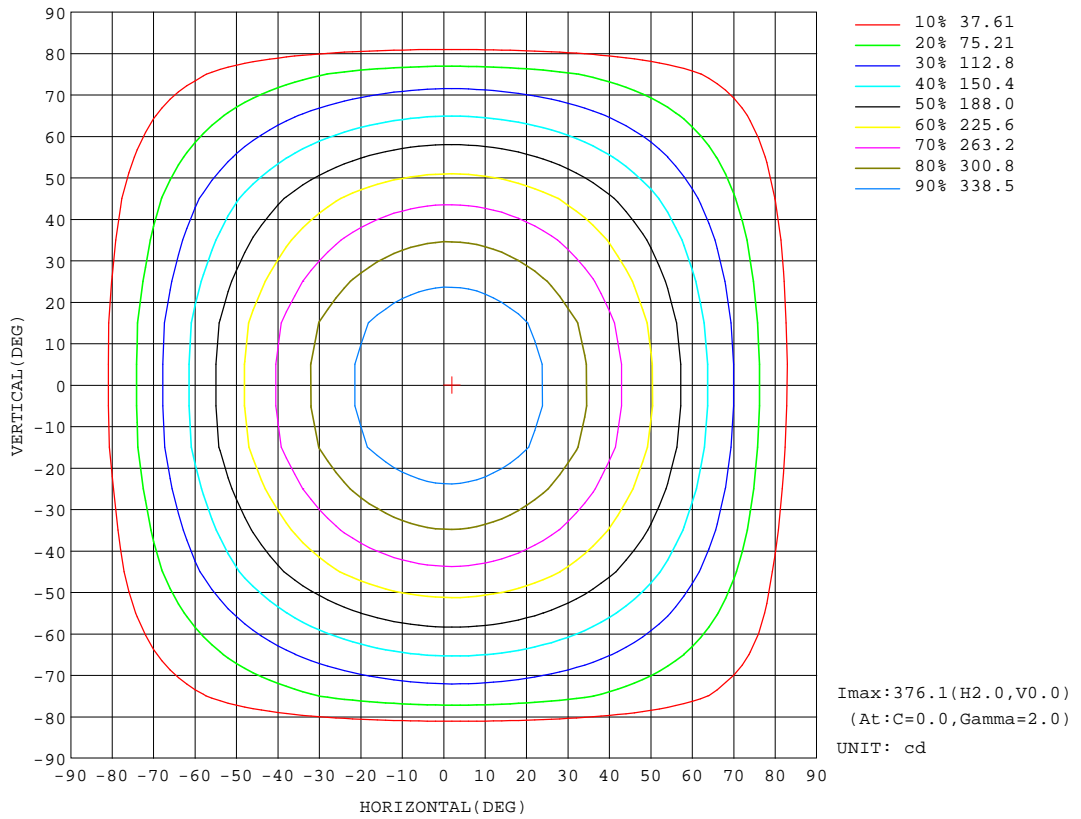
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	66	55	48	65	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	65	56	48
1.25	82	71	64	80	71	64	78	69	63	56
1.50	87	77	70	85	76	70	82	74	68	61
2.00	94	85	79	92	84	78	88	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	101	94	89	99	93	88	95	90	86	77
4.00	105	100	95	103	98	94	99	95	91	82
5.00	108	103	99	105	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:



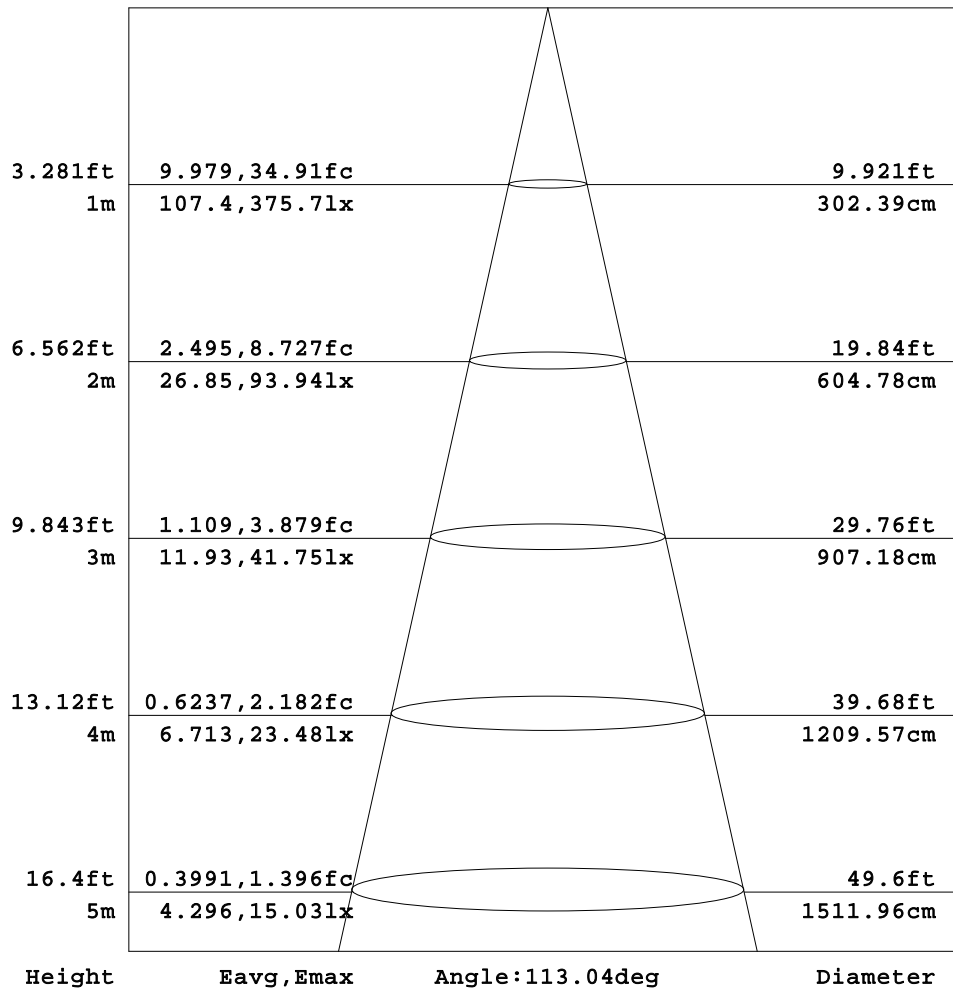
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Flux out:800.1 lm



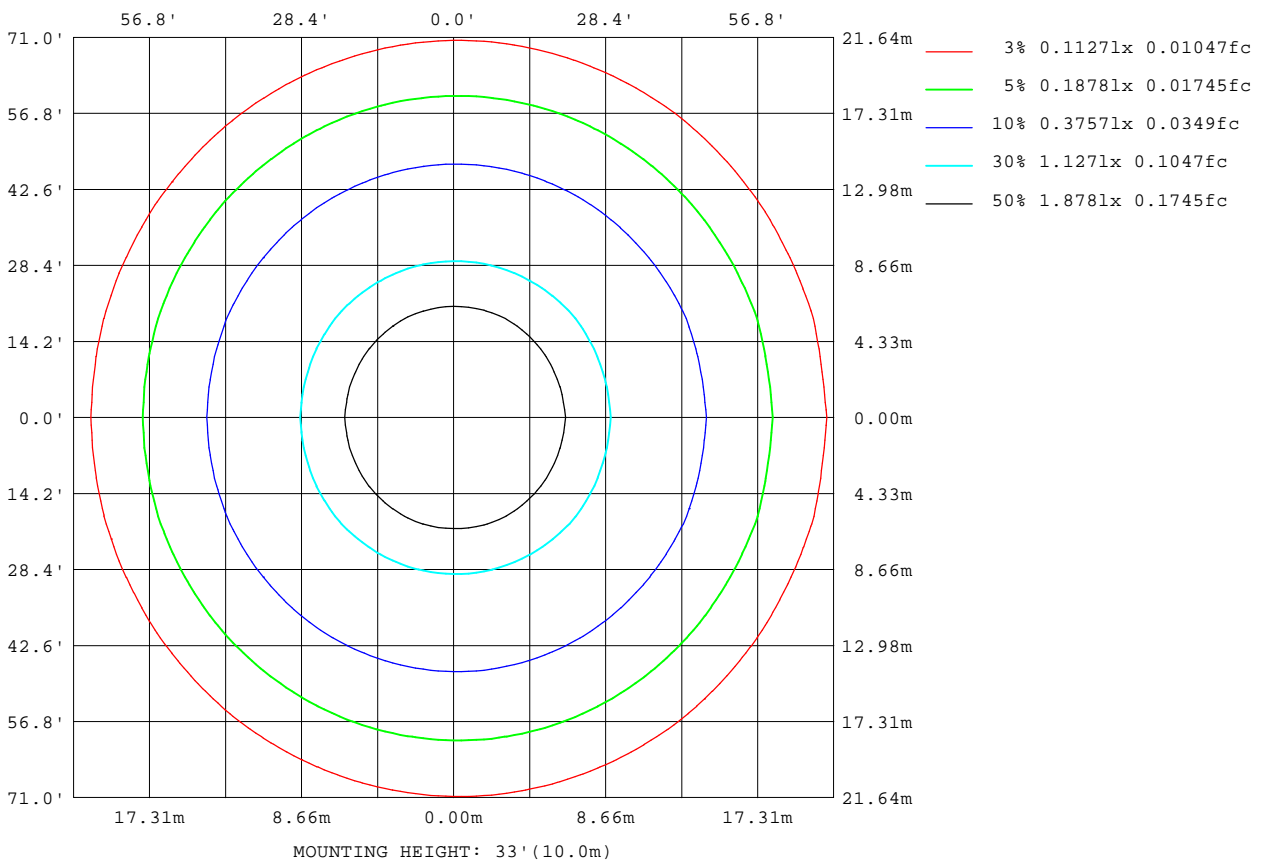
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: FHX
 Test Date: 2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 14.690m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

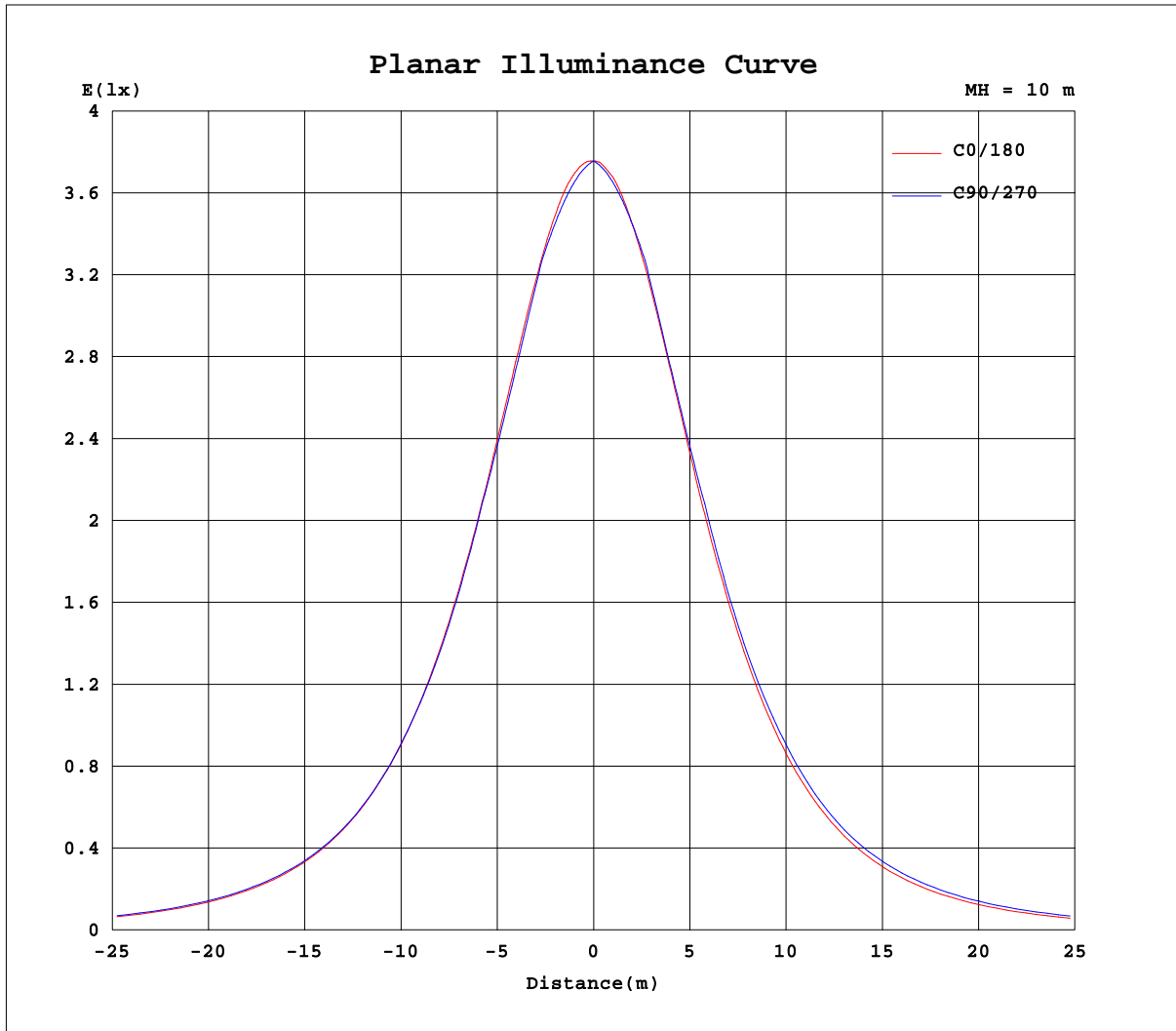
Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: FHX
 Test Date: 2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 14.690m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: FHX
 Test Date: 2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 14.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376
5	371	371	371	371	372	371	371	371	371	371	372	372	372	372	373	373	373	374	373
10	367	367	367	366	366	366	366	366	366	366	366	366	366	366	366	367	368	368	368
15	363	362	362	361	361	360	359	359	358	357	357	357	356	357	357	357	358	359	358
20	349	349	348	348	348	348	349	349	349	347	346	345	345	344	344	345	346	347	346
25	335	334	334	333	333	332	332	332	332	333	334	332	330	329	329	329	330	332	330
30	321	320	319	318	317	316	315	314	313	313	313	314	314	312	311	310	311	313	311
35	300	299	298	298	297	297	297	295	294	293	292	292	293	292	291	290	290	292	290
40	278	278	277	276	275	274	273	273	273	272	270	269	269	270	269	267	267	269	267
45	257	256	255	254	252	251	250	248	248	247	247	245	244	244	245	243	243	244	243
50	231	230	230	229	228	227	226	224	222	221	220	220	218	217	218	217	216	218	216
55	205	204	203	202	201	200	199	198	197	195	193	192	192	190	190	191	189	190	189
60	179	178	177	175	174	172	171	169	168	167	166	164	162	162	161	162	160	161	160
65	151	150	149	147	146	144	143	141	139	137	136	135	134	132	131	131	131	131	131
70	123	122	121	119	118	116	114	112	110	108	106	105	104	103	101	100	101	101	102
75	95.4	94.1	92.7	91.0	89.3	87.3	85.2	83.1	81.2	79.2	77.4	75.6	74.0	72.8	72.3	70.7	71.1	70.8	71.4
80	0.71	2.80	6.20	10.8	16.4	22.9	30.1	37.7	45.6	51.1	49.3	47.6	46.2	44.8	43.7	43.5	41.9	42.8	43.2
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	18.2	19.2	15.6	12.0	13.5	17.6
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376
5	373	372	372	372	372	371	371	371	371	371	371	371	371	371	371	371	371	371	372
10	367	366	366	366	365	365	365	365	366	366	366	366	366	366	367	367	367	367	367
15	357	357	356	356	356	357	357	358	358	359	359	360	361	361	362	362	363	363	363
20	345	344	344	344	345	346	347	348	349	348	348	348	348	348	348	348	349	349	349
25	329	329	329	330	331	333	332	332	331	331	332	332	333	333	334	334	335	335	335
30	310	311	312	313	314	313	313	313	314	314	315	316	317	318	319	320	321	321	321
35	290	291	292	293	292	292	293	294	295	297	297	297	297	298	298	299	299	300	300
40	267	269	270	269	269	270	271	273	273	273	274	274	275	276	277	278	278	278	279
45	243	246	244	244	245	247	247	247	248	249	250	252	253	254	255	256	257	257	257
50	218	218	218	218	220	220	221	222	224	225	226	227	228	228	229	230	230	231	231
55	191	190	190	192	192	193	195	197	197	198	199	200	201	202	203	204	204	205	205
60	162	161	162	162	164	166	166	167	168	169	171	172	174	175	176	177	178	178	179
65	131	132	132	134	135	136	137	138	140	141	143	144	145	147	148	149	150	150	150
70	101	102	103	104	105	106	108	109	111	112	114	115	117	118	119	121	121	121	121
75	71.3	73.1	73.5	74.4	75.7	77.1	78.6	80.2	82.0	83.6	85.3	87.0	88.5	89.8	91.1	92.2	92.9	92.9	92.6
80	44.5	44.6	45.5	46.5	47.6	49.1	50.5	44.8	37.0	29.4	22.3	16.0	10.5	6.00	2.71	0.69	0.00	0.69	2.76
85	18.8	20.1	18.6	9.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.8V I:0.0639A P:14.05W PF:0.9537 Lamp Flux:1100x1 lm		
NAME: YYR15W4K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: JNC	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376				
5	372	372	372	372	372	372	373	373	373	373	374	374	374	375	375				
10	367	367	367	367	368	368	368	368	368	368	369	369	370	370	371				
15	363	362	362	362	362	361	361	361	360	360	361	361	362	362	363				
20	349	350	350	351	351	352	352	351	350	350	350	350	350	351	352				
25	335	335	335	335	336	336	337	338	339	337	336	336	336	336	338				
30	321	320	320	320	319	319	319	319	320	321	321	319	319	319	320				
35	300	301	301	302	302	302	300	300	300	300	301	301	300	299	300				
40	279	279	279	279	279	279	281	280	279	278	278	279	278	278	278				
45	257	257	256	256	255	255	255	256	257	255	254	254	255	254	254				
50	231	231	231	232	231	230	230	230	230	231	229	228	229	228	228				
55	205	205	204	204	204	204	204	203	202	202	203	202	201	202	201				
60	178	178	178	177	176	176	175	175	175	174	173	175	173	173	172				
65	150	150	149	149	149	148	147	146	145	145	144	144	145	143	143				
70	121	120	120	119	119	118	117	117	116	115	114	114	113	113	113				
75	92.1	91.5	90.8	89.9	89.1	88.1	87.2	86.5	85.8	85.3	84.4	83.4	83.0	83.2	82.0				
80	6.16	10.8	16.7	23.6	31.5	40.1	49.5	56.9	56.1	55.5	55.0	54.7	53.9	53.4	53.7				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.7	24.5	27.1	26.8	25.1				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:FHX
 Test Date:2015-09-29

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:14.690m [K=1.0000]
 Remarks: