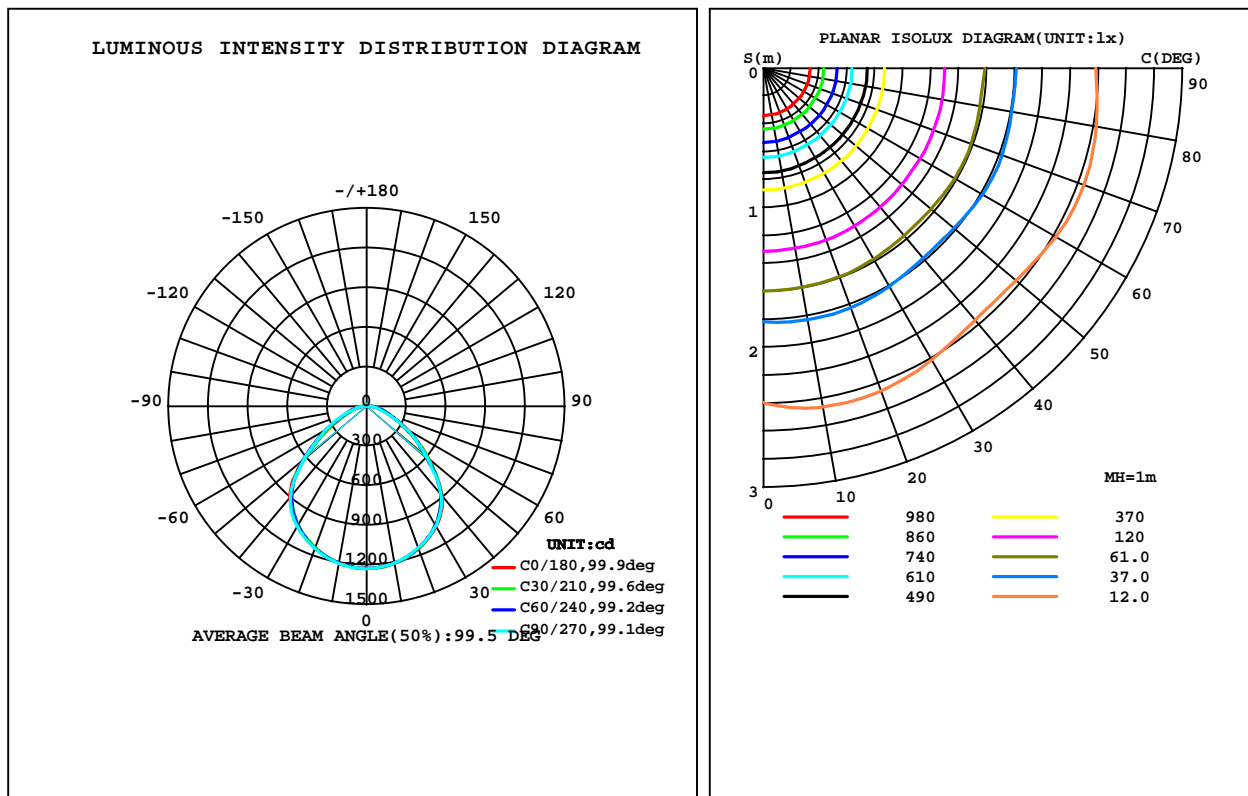


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.72 lm/W			
MODEL		I _{max} (cd)	1230	S/MH(C0/180)	1.27
NOMINAL POWER(W)	26	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3032.4	h UP,DN(C0-180)	0.9,49.2
NOMINAL FLUX(lm)	3032.36	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.9,49.1
LAMPS INSIDE	1	h up(%)	1.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240.3	h down(%)	98.3	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

deg Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1209	1208	1206	1207	1205	1206	1209	1208	0- 10	116.3	116.3	3.83,3.83
20	1149	1145	1143	1142	1143	1141	1147	1145	10- 20	333.3	449.6	14.8,14.8
30	1052	1041	1046	1037	1047	1035	1053	1039	20- 30	506.6	956.2	31.5,31.5
40	889.7	882.3	879.3	883.4	904.5	881.2	898.9	881.9	30- 40	608.3	1564	51.6,51.6
50	609.1	599.2	590.7	618.9	617.9	625.3	614.2	602.7	40- 50	583.4	2148	70.8,70.8
60	355.9	327.0	351.8	324.3	313.3	332.7	352.6	319.9	50- 60	416.7	2565	84.6,84.6
70	171.6	164.5	162.5	128.7	161.9	124.7	179.2	152.4	60- 70	242.7	2807	92.6,92.6
80	93.34	85.37	68.94	69.09	68.32	61.09	67.18	81.93	70- 80	127.2	2935	96.8,96.8
90	4.985	4.456	2.557	3.160	2.695	3.041	3.962	5.219	80- 90	45.62	2980	98.3,98.3
100	3.282	3.432	3.407	3.530	3.637	3.362	3.314	3.333	90-100	3.112	2983	98.4,98.4
110	5.181	5.367	5.343	5.269	5.331	5.234	5.135	5.262	100-110	4.549	2988	98.5,98.5
120	7.490	7.745	7.729	7.648	7.508	7.584	7.428	7.620	110-120	6.348	2994	98.7,98.7
130	9.860	10.14	10.16	10.02	9.846	9.898	9.800	9.929	120-130	7.866	3002	99,99
140	12.02	12.33	12.35	12.14	11.99	12.02	11.96	12.10	130-140	8.526	3011	99.3,99.3
150	14.29	14.57	14.51	14.33	14.13	14.10	14.06	14.23	140-150	8.262	3019	99.6,99.6
160	16.36	16.54	16.41	16.33	16.18	16.05	16.06	16.12	150-160	7.059	3026	99.8,99.8
170	17.64	17.80	17.63	17.70	17.55	17.48	17.47	17.51	160-170	4.798	3031	99.9,99.9
180	17.75	17.81	17.75	17.79	17.69	17.77	17.72	17.78	170-180	1.691	3032	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

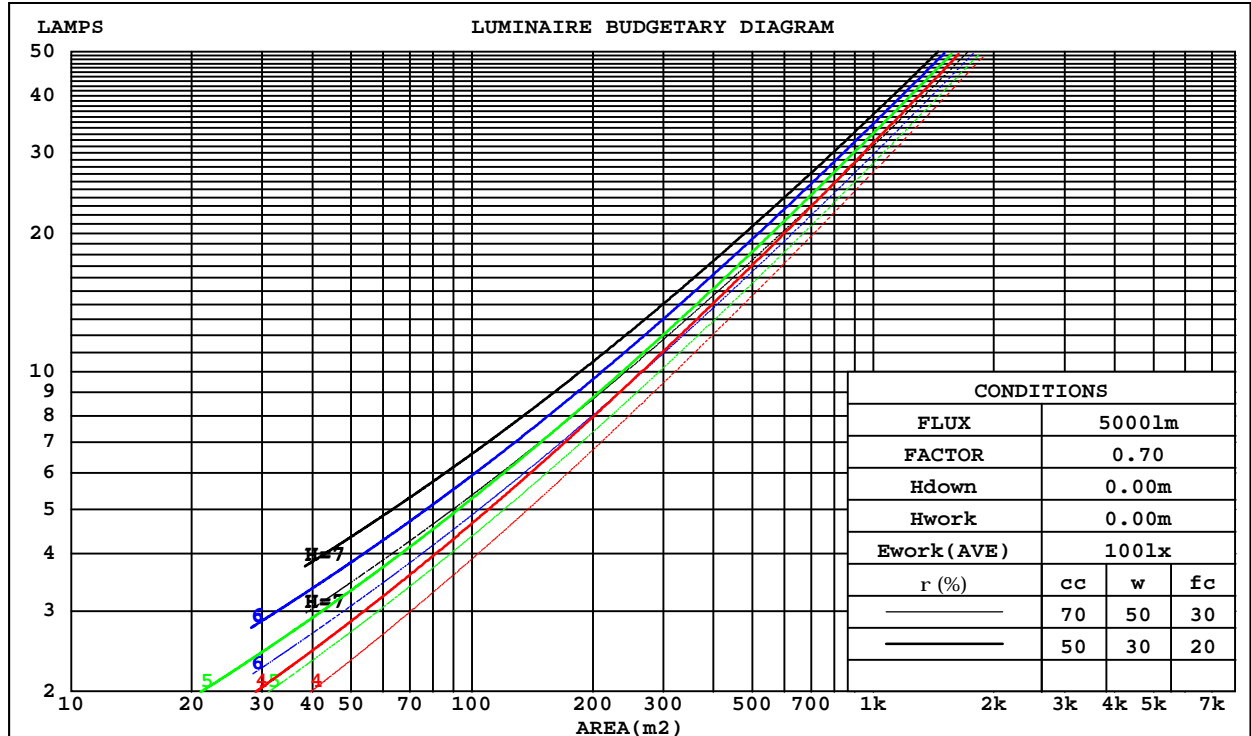
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.93	.87	.82	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.72	.68	.64	.62
4.0	.74	.66	.59	.72	.65	.59	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.54	.49	.47
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.54	.48	.44	.42
7.0	.55	.46	.41	.54	.46	.40	.52	.45	.40	.51	.44	.40	.49	.43	.39	.37
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.33
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.27



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2019-10-21

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:12.200m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.278	.158	.050	.270	.154	.049	.256	.147	.047	.243	.140	.045	.231	.134	.043	
2.0	.264	.144	.044	.257	.142	.044	.245	.136	.042	.233	.131	.041	.223	.126	.040	
3.0	.247	.131	.039	.241	.129	.039	.230	.125	.038	.220	.120	.037	.210	.116	.036	
4.0	.230	.119	.035	.225	.118	.035	.215	.114	.034	.206	.111	.033	.198	.107	.033	
5.0	.215	.109	.032	.210	.108	.031	.201	.105	.031	.193	.102	.030	.186	.099	.030	
6.0	.201	.101	.029	.196	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.177	.090	.026	.171	.088	.025	.165	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	
10.0	.157	.075	.021	.154	.075	.021	.149	.073	.021	.144	.072	.020	.140	.070	.020	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.191	.170	.150	.164	.146	.129	.112	.100	.089	.064	.058	.052	.021	.019	.017	
2.0	.182	.145	.115	.156	.125	.099	.107	.087	.069	.062	.050	.041	.020	.016	.013	
3.0	.173	.128	.091	.149	.110	.079	.102	.076	.055	.059	.045	.033	.019	.014	.011	
4.0	.166	.114	.075	.142	.099	.065	.098	.069	.046	.057	.040	.027	.018	.013	.009	
5.0	.158	.103	.063	.136	.090	.055	.094	.063	.039	.054	.037	.023	.017	.012	.008	
6.0	.151	.095	.055	.130	.082	.048	.090	.058	.034	.052	.034	.020	.017	.011	.007	
7.0	.145	.088	.048	.125	.076	.042	.086	.054	.030	.050	.032	.018	.016	.010	.006	
8.0	.139	.082	.043	.119	.071	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005	
9.0	.133	.077	.040	.115	.067	.035	.079	.047	.025	.046	.028	.015	.015	.009	.005	
10.0	.128	.073	.037	.110	.063	.032	.076	.045	.023	.045	.026	.014	.014	.009	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm										
NAME: R250 (27W 4000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.:					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	15.9	17.3	16.2	17.5	17.8	15.8	17.2	16.1	17.4	17.7
3H	16.8	18.1	17.1	18.3	18.6	16.6	17.9	17.0	18.2	18.4
4H	17.2	18.4	17.5	18.7	19.0	17.0	18.2	17.3	18.5	18.7
6H	17.5	18.7	17.9	19.0	19.3	17.2	18.3	17.5	18.6	18.9
8H	17.7	18.8	18.1	19.1	19.4	17.3	18.4	17.6	18.7	19.0
12H	17.9	18.9	18.2	19.2	19.6	17.3	18.4	17.7	18.7	19.0
4H 2H	16.2	17.4	16.5	17.7	18.0	16.1	17.3	16.4	17.6	17.9
3H	17.3	18.3	17.6	18.6	19.0	17.1	18.2	17.5	18.5	18.9
4H	17.8	18.8	18.2	19.1	19.5	17.6	18.6	18.0	18.9	19.3
6H	18.3	19.2	18.8	19.6	20.0	18.0	18.9	18.4	19.2	19.6
8H	18.6	19.4	19.0	19.8	20.2	18.2	18.9	18.6	19.3	19.8
12H	18.8	19.5	19.3	19.9	20.4	18.3	19.0	18.7	19.4	19.8
8H 4H	18.0	18.8	18.4	19.2	19.6	17.8	18.6	18.2	19.0	19.4
6H	18.7	19.4	19.2	19.8	20.3	18.3	19.0	18.8	19.4	19.9
8H	19.1	19.7	19.6	20.1	20.6	18.6	19.2	19.1	19.6	20.1
12H	19.4	19.9	19.9	20.4	20.9	18.8	19.3	19.3	19.8	20.3
12H 4H	18.0	18.7	18.4	19.1	19.5	17.8	18.5	18.3	18.9	19.4
6H	18.8	19.3	19.3	19.8	20.3	18.4	19.0	18.9	19.4	19.9
8H	19.2	19.7	19.7	20.2	20.7	18.7	19.2	19.2	19.7	20.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				

CIE Pub.117 Corrected 3032 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

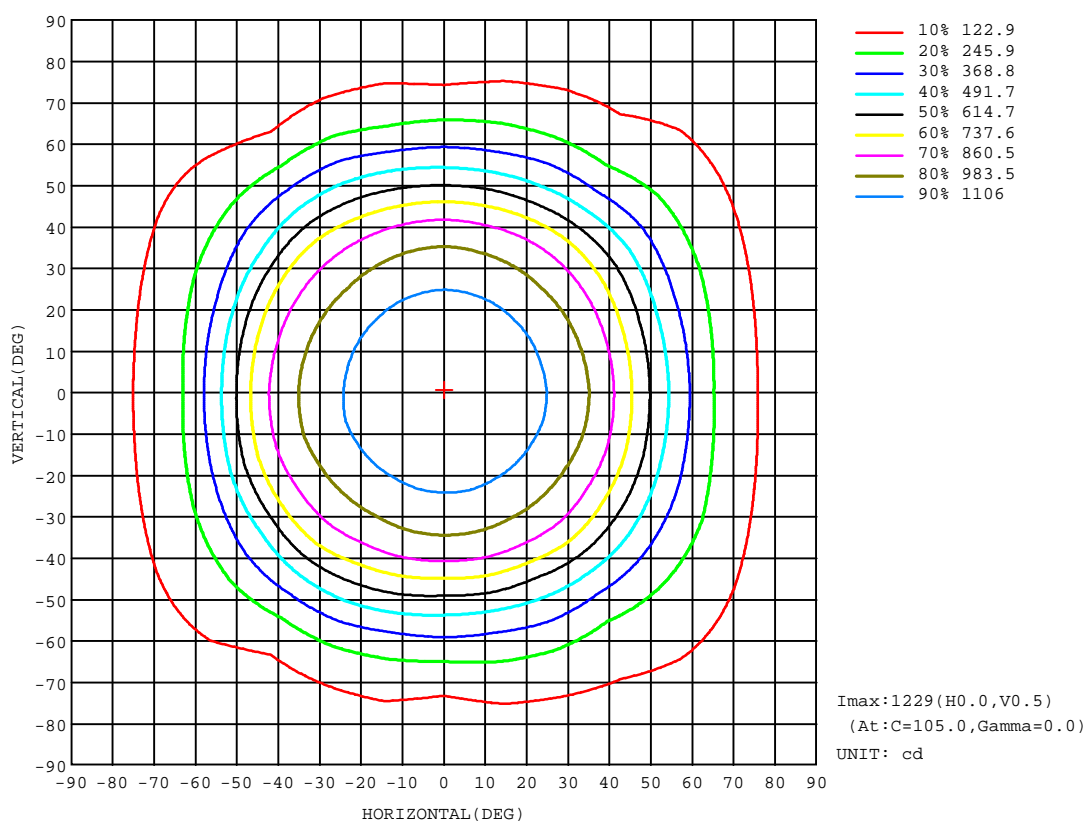
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	61	50	44	59	50	44	38
0.80	71	61	54	70	60	54	69	59	53	47
1.00	80	70	63	79	69	63	76	70	62	55
1.25	87	77	71	85	76	70	82	75	69	62
1.50	91	82	76	90	81	76	87	80	74	67
2.00	97	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	92	88	95	90	85	77
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	102	98	105	100	96	100	97	94	85
5.00	109	105	101	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

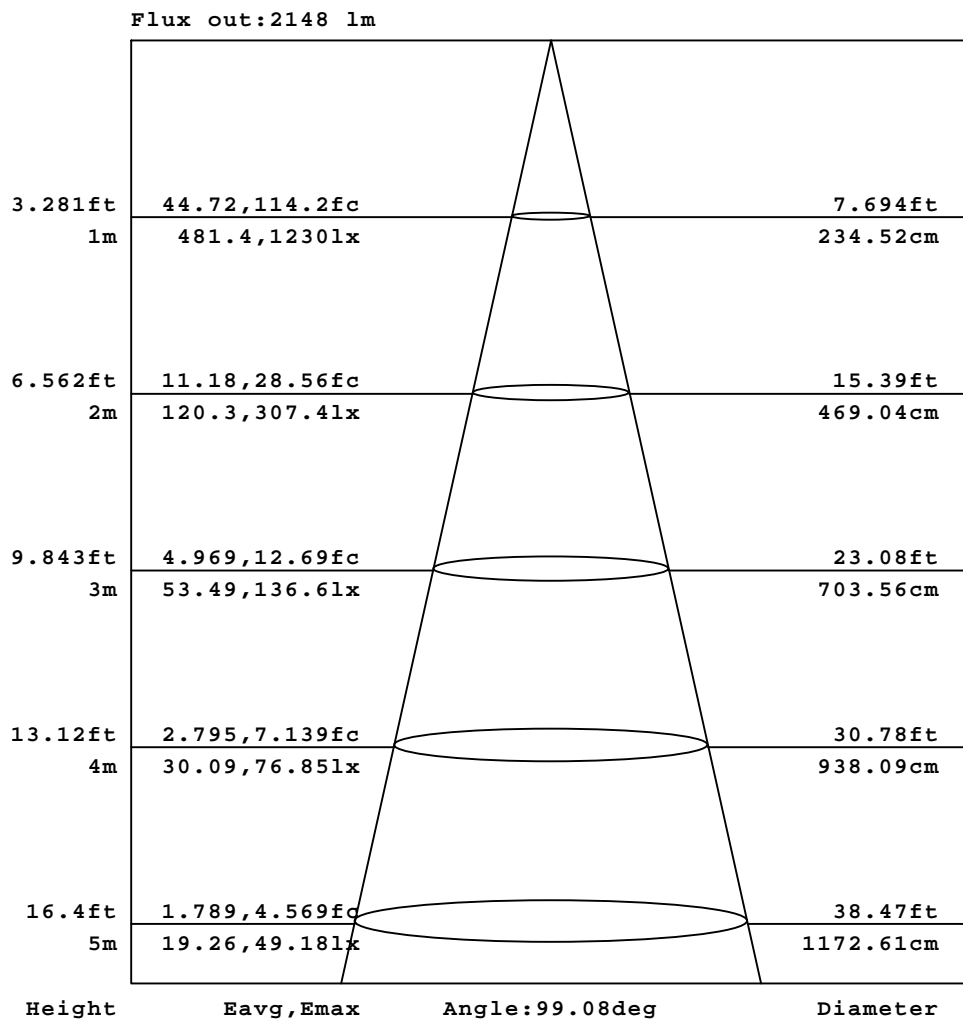


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



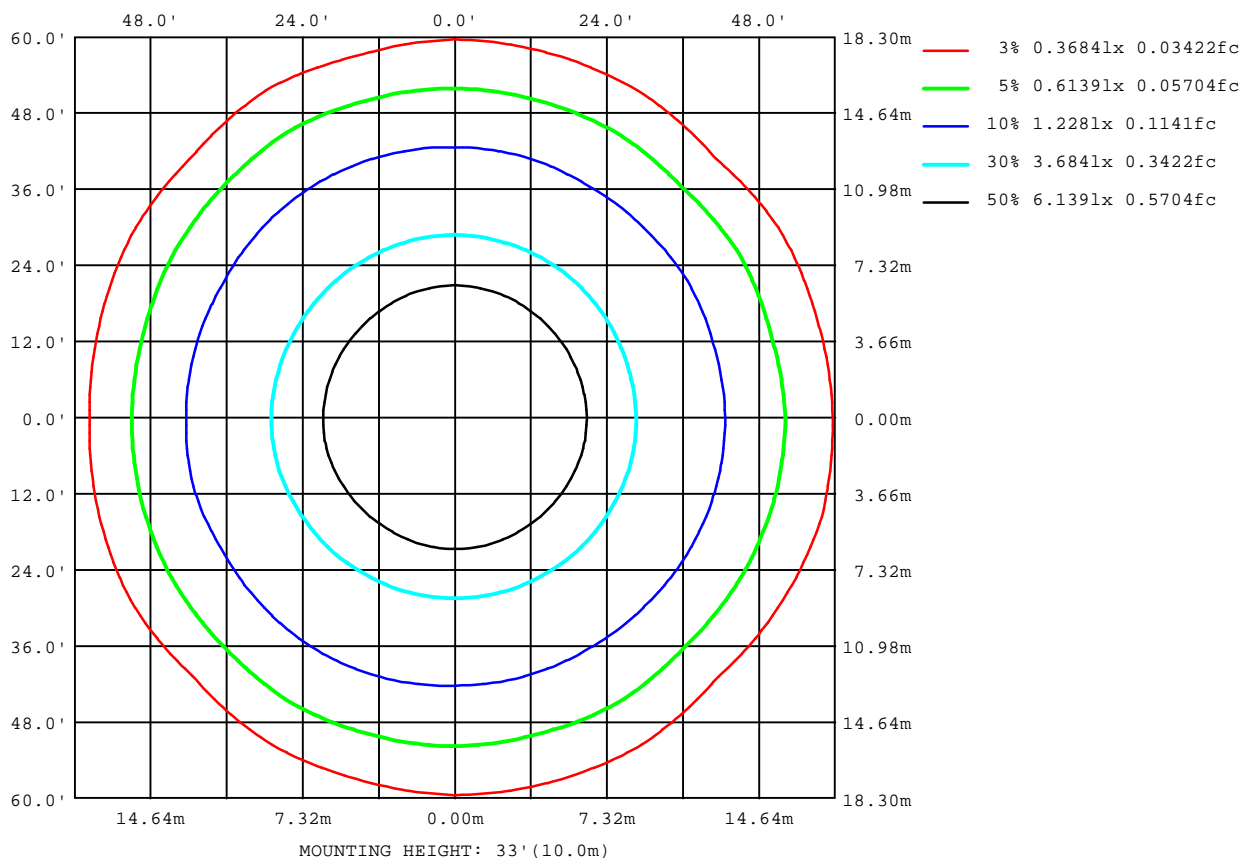
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2019-10-21

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 12.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

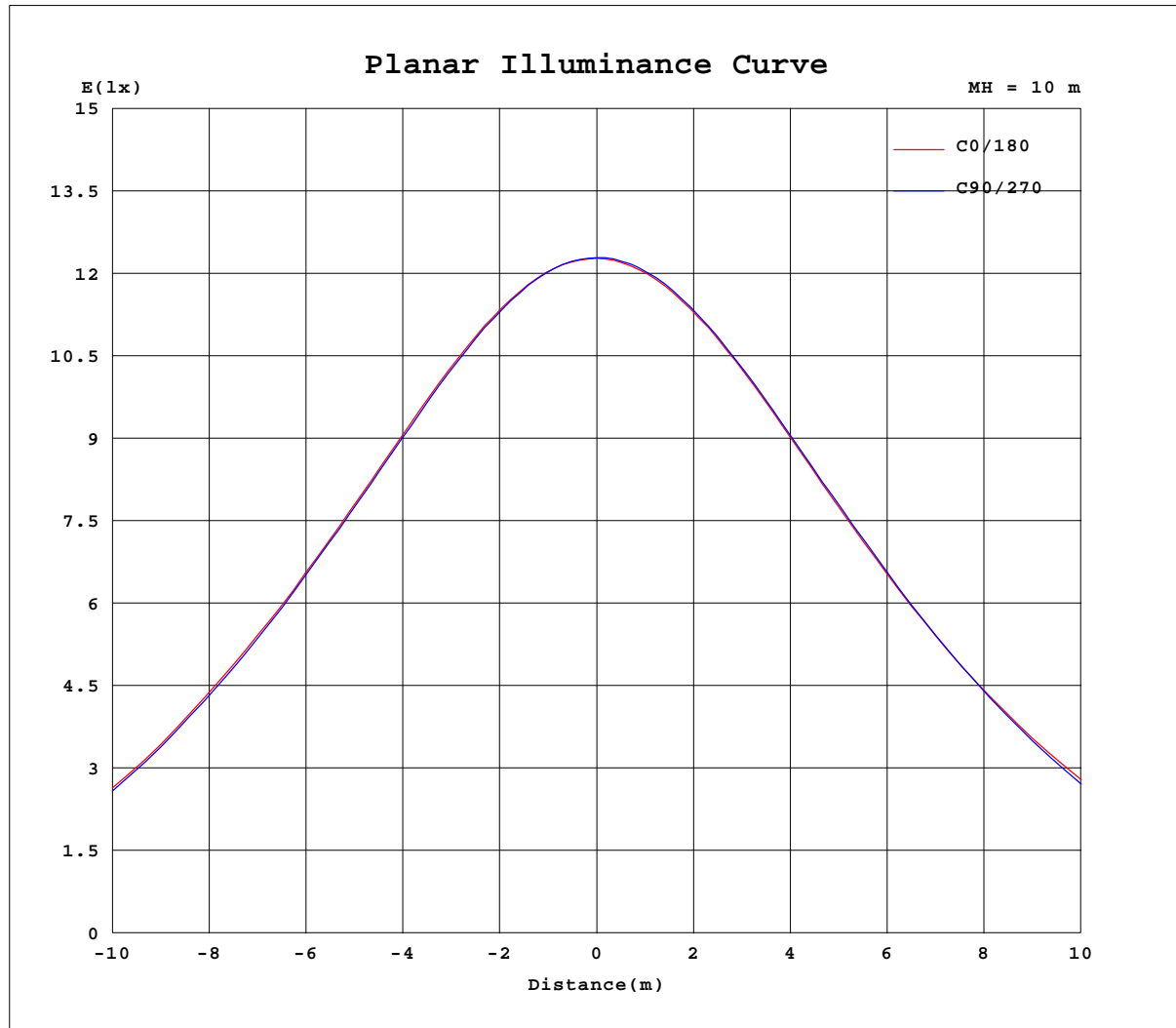
Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2019-10-21

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity: 60.0%
 Test Distance: 12.200m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2019-10-21

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 12.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(°) g (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1228	1228	1229	1229	1229	1229	1229	1230	1229	1229	1229	1229	1228	1228	1229	1229	1229	1229	1229
5	1224	1224	1224	1224	1224	1224	1223	1223	1222	1223	1223	1224	1222	1222	1223	1223	1223	1224	1224
10	1209	1209	1209	1208	1207	1207	1206	1206	1206	1207	1207	1208	1205	1205	1206	1206	1207	1208	1209
15	1183	1184	1182	1182	1180	1180	1179	1179	1178	1180	1181	1183	1179	1178	1179	1179	1181	1181	1182
20	1149	1149	1146	1145	1143	1144	1143	1142	1141	1142	1144	1148	1143	1141	1142	1141	1144	1145	1147
25	1105	1105	1100	1099	1098	1101	1099	1098	1094	1095	1097	1103	1099	1096	1094	1094	1098	1101	1104
30	1052	1051	1043	1041	1041	1046	1046	1043	1036	1037	1041	1051	1047	1042	1038	1035	1042	1048	1053
35	986	983	971	970	969	975	976	973	963	966	972	986	985	977	968	964	972	981	987
40	890	890	880	882	876	882	879	881	875	883	887	904	904	892	884	881	885	893	899
45	750	758	752	759	740	745	735	747	751	775	777	795	791	780	776	776	767	767	769
50	609	614	605	599	585	596	591	605	611	619	609	632	618	616	612	625	622	618	614
55	477	472	466	454	462	458	463	469	472	460	450	460	451	449	451	468	481	478	472
60	356	359	345	327	350	347	352	342	345	324	336	324	313	319	335	333	357	344	353
65	250	271	251	228	255	259	247	249	240	209	229	233	214	232	222	209	248	247	260
70	172	196	182	165	181	187	162	179	159	129	156	176	162	172	144	125	165	179	179
75	128	138	134	123	129	131	106	124	106	88.4	116	124	123	119	106	81.8	109	124	114
80	93.3	93.7	101	85.4	81.5	81.7	68.9	77.8	67.2	69.1	86.9	81.2	68.3	76.3	82.5	61.1	67.5	77.9	67.2
85	50.0	53.3	58.6	45.0	45.4	40.4	31.1	39.3	35.0	40.1	43.5	42.5	28.8	40.4	44.9	38.1	35.0	39.8	33.5
90	4.99	6.96	5.24	4.46	3.69	3.85	2.56	3.41	2.87	3.16	3.20	3.98	2.70	2.78	2.83	3.04	3.48	4.33	3.96
95	2.58	2.68	2.64	2.73	2.64	2.75	2.62	2.71	2.65	2.81	2.81	2.94	2.93	2.86	2.85	2.72	2.72	2.51	2.60
100	3.28	3.38	3.35	3.43	3.40	3.49	3.41	3.44	3.39	3.53	3.53	3.66	3.64	3.58	3.58	3.36	3.38	3.22	3.31
105	4.14	4.28	4.29	4.37	4.28	4.32	4.28	4.27	4.17	4.43	4.45	4.53	4.36	4.36	4.36	4.24	4.23	4.08	4.16
110	5.18	5.29	5.31	5.37	5.33	5.38	5.34	5.33	5.24	5.27	5.42	5.50	5.33	5.32	5.35	5.23	5.21	5.06	5.13
115	6.28	6.37	6.41	6.51	6.48	6.51	6.48	6.46	6.38	6.40	6.34	6.40	6.40	6.45	6.46	6.37	6.31	6.18	6.23
120	7.49	7.59	7.67	7.75	7.70	7.76	7.73	7.72	7.64	7.65	7.57	7.54	7.51	7.62	7.67	7.58	7.52	7.39	7.43
125	8.71	8.80	8.87	8.96	8.93	9.00	8.97	8.96	8.86	8.87	8.77	8.74	8.68	8.75	8.81	8.77	8.71	8.59	8.62
130	9.86	9.94	10.0	10.1	10.1	10.2	10.2	10.1	10.0	10.0	9.91	9.87	9.85	9.87	9.95	9.90	9.88	9.76	9.80
135	10.9	11.0	11.1	11.2	11.2	11.3	11.3	11.2	11.1	11.1	11.0	11.0	10.9	10.9	11.0	11.0	11.0	10.9	10.9
140	12.0	12.1	12.2	12.3	12.4	12.4	12.4	12.3	12.2	12.1	12.1	12.1	12.0	12.0	12.1	12.0	12.0	12.0	12.0
145	13.1	13.2	13.3	13.4	13.5	13.5	13.4	13.4	13.2	13.2	13.1	13.1	13.1	13.0	13.1	13.0	13.1	13.0	13.0
150	14.3	14.4	14.4	14.6	14.6	14.6	14.5	14.5	14.3	14.3	14.2	14.2	14.1	14.1	14.2	14.1	14.1	14.0	14.1
155	15.4	15.5	15.5	15.6	15.6	15.7	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.2	15.1	15.2	15.1	15.1
160	16.4	16.4	16.4	16.5	16.5	16.6	16.4	16.4	16.3	16.3	16.3	16.3	16.2	16.1	16.1	16.0	16.1	16.0	16.1
165	17.1	17.2	17.1	17.3	17.2	17.3	17.1	17.2	17.0	17.1	17.1	17.1	16.9	16.9	17.0	16.9	16.9	16.8	16.9
170	17.6	17.7	17.7	17.8	17.7	17.7	17.6	17.7	17.6	17.7	17.6	17.7	17.5	17.5	17.6	17.5	17.5	17.4	17.5
175	17.8	17.8	17.9	17.9	17.9	17.9	17.8	17.8	17.8	17.9	17.9	17.8	17.7	17.6	17.7	17.7	17.7	17.6	17.6
180	17.7	17.7	17.8	17.8	17.8	17.8	17.7	17.7	17.8	17.8	17.8	17.8	17.7	17.7	17.8	17.8	17.8	17.7	17.7

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2019-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1200A P:26.67W PF:0.9245 Lamp Flux:3032.36x1 lm		
NAME: R250 (27W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(°) \ g(°)	285	300	315	330	345														
0	1230	1229	1229	1229	1229														
5	1224	1224	1224	1224	1224														
10	1209	1209	1208	1208	1208														
15	1182	1183	1182	1182	1182														
20	1146	1147	1145	1146	1145														
25	1103	1101	1098	1100	1100														
30	1049	1044	1039	1043	1045														
35	980	974	968	971	977														
40	890	887	882	879	880														
45	765	764	764	754	744														
50	611	599	603	611	602														
55	466	459	451	469	461														
60	347	344	320	347	343														
65	258	244	220	250	258														
70	188	175	152	179	185														
75	130	126	112	129	131														
80	81.0	80.2	81.9	97.9	88.7														
85	42.0	43.9	45.2	58.0	48.6														
90	6.04	6.47	5.22	6.19	4.60														
95	2.61	2.69	2.59	2.62	2.58														
100	3.30	3.40	3.33	3.35	3.31														
105	4.18	4.28	4.23	4.26	4.20														
110	5.16	5.27	5.26	5.31	5.23														
115	6.27	6.40	6.42	6.47	6.36														
120	7.47	7.59	7.62	7.68	7.54														
125	8.65	8.78	8.80	8.84	8.68														
130	9.83	9.94	9.93	9.97	9.79														
135	10.9	11.0	11.0	11.0	10.8														
140	12.1	12.2	12.1	12.1	11.9														
145	13.1	13.2	13.2	13.1	13.0														
150	14.1	14.3	14.2	14.2	14.1														
155	15.2	15.3	15.2	15.2	15.2														
160	16.1	16.2	16.1	16.2	16.2														
165	16.9	17.0	16.9	17.0	17.0														
170	17.4	17.6	17.5	17.6	17.5														
175	17.6	17.7	17.7	17.7	17.7														
180	17.7	17.8	17.8	17.8	17.7														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2019-10-21

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:12.200m [K=1.0000]
 Remarks: