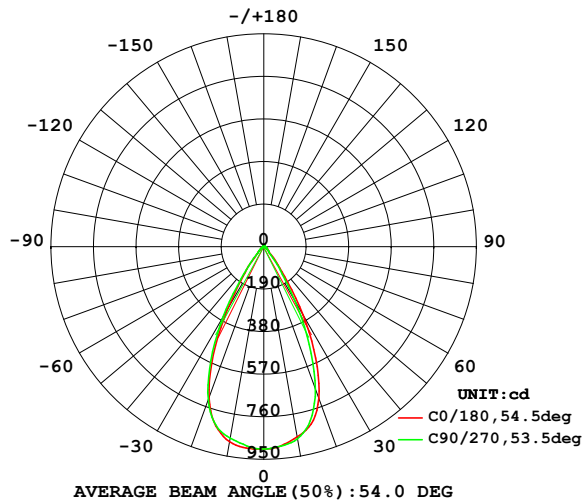


LUMINAIRE PHOTOMETRIC TEST REPORT

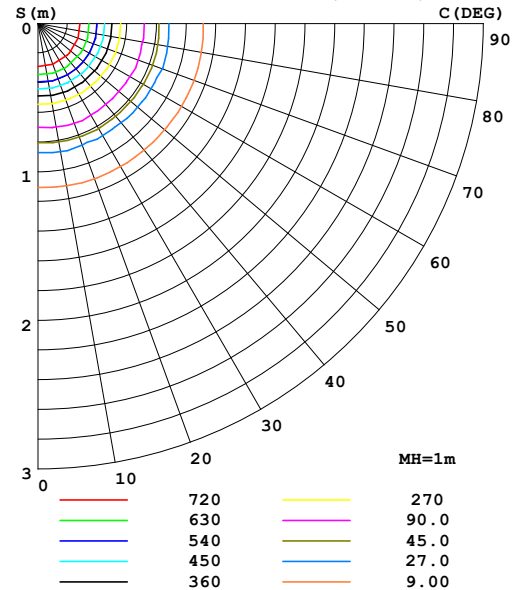
Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.03 lm/W			
MODEL		I _{max} (cd)	904.6	S/MH (C0/180)	0.80
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH (C90/270)	0.83
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	725.88	η UP,DN(C0-180)	0.9,51.1
NOMINAL FLUX(lm)	725.883	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,47.2
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	240.7	η down (%)	98.3	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 12.020m [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
10	884.8	882.4	868.5	859.2	863.0	867.1	871.0	876.5	0- 10	84.73	84.73	11.7,11.7
20	716.8	733.2	726.3	717.3	720.4	700.8	676.4	679.8	10- 20	226.8	311.6	42.9,42.9
30	326.0	358.7	365.8	361.5	353.4	317.1	279.3	278.1	20- 30	238.2	549.8	75.7,75.7
40	66.54	81.15	86.04	82.32	81.93	67.12	49.27	50.03	30- 40	106.7	656.4	90.4,90.4
50	23.55	24.94	26.78	26.51	25.68	24.71	22.87	22.26	40- 50	29.21	685.6	94.5,94.5
60	11.15	11.64	12.54	12.74	12.18	11.94	11.38	11.05	50- 60	15.14	700.8	96.5,96.5
70	4.839	5.027	5.372	5.699	5.638	5.273	4.734	4.561	60- 70	8.133	708.9	97.7,97.7
80	1.516	1.930	2.172	2.420	2.120	2.127	1.734	1.619	70- 80	3.668	712.6	98.2,98.2
90	0.0372	0.0374	0.0473	0.0679	0.0372	0.0468	0.0564	0.0472	80- 90	0.8580	713.4	98.3,98.3
100	0.0372	0.0374	0.0376	0.0283	0.1025	0.1122	0.1127	0.1132	90-100	0.0621	713.5	98.3,98.3
110	0.2045	0.1675	0.1409	0.1599	0.2617	0.2809	0.2832	0.2831	100-110	0.1374	713.6	98.3,98.3
120	0.8265	0.7662	0.6841	0.6960	0.8107	0.8432	0.8749	0.8683	110-120	0.4548	714.1	98.4,98.4
130	2.074	1.982	1.849	1.890	1.967	2.059	2.089	2.065	120-130	1.196	715.3	98.5,98.5
140	3.737	3.645	3.513	3.540	3.623	3.707	3.750	3.714	130-140	2.149	717.4	98.8,98.8
150	5.467	5.360	5.296	5.303	5.369	5.437	5.518	5.450	140-150	2.829	720.3	99.2,99.2
160	6.800	6.706	6.698	6.661	6.727	6.758	6.879	6.786	150-160	2.810	723.1	99.6,99.6
170	7.777	7.746	7.685	7.698	7.778	7.842	7.837	7.822	160-170	2.048	725.1	99.9,99.9
180	8.308	8.328	8.267	8.330	8.354	8.384	8.305	8.340	170-180	0.7664	725.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

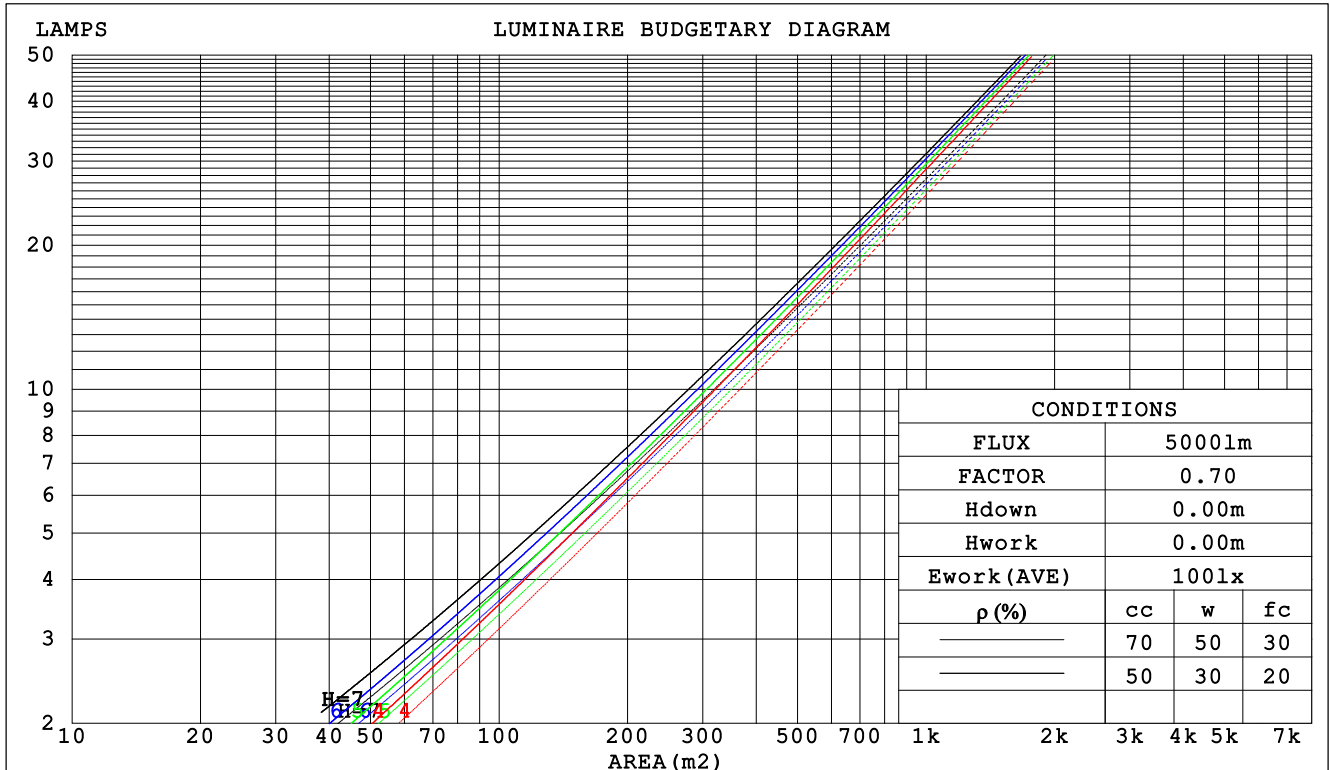
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.98	.97	.96	.95	.94	.94	.92
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.89	.91	.89	.87	.86
3.0	.96	.91	.87	.94	.90	.86	.91	.88	.85	.89	.86	.83	.86	.84	.82	.80
4.0	.90	.84	.80	.88	.83	.80	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.79	.74	.83	.78	.74	.81	.77	.73	.79	.75	.72	.78	.74	.72	.70
6.0	.79	.74	.69	.78	.73	.69	.77	.72	.68	.75	.71	.68	.74	.70	.67	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.71	.67	.64	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.61	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.61	.57	.54	.52



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm								
NAME: R750 WCCTCAS-2700K				TYPE:			WEIGHT:	
SPEC.:				DIM.: 0.0029459			SERIAL No.:1	
MFR.:				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	.180	.102	.032	.172	.098	.031	.159	.091	.029	.146	.084	.027	.135	.078	.025	
2.0	.171	.094	.029	.165	.091	.028	.153	.085	.026	.143	.080	.025	.133	.075	.024	
3.0	.162	.086	.026	.157	.084	.025	.147	.079	.024	.138	.075	.023	.129	.071	.022	
4.0	.153	.080	.023	.149	.078	.023	.140	.074	.022	.132	.071	.021	.125	.068	.021	
5.0	.146	.074	.021	.142	.073	.021	.134	.070	.021	.127	.067	.020	.121	.064	.019	
6.0	.139	.069	.020	.135	.068	.020	.128	.066	.019	.122	.063	.019	.116	.061	.018	
7.0	.132	.065	.019	.129	.064	.018	.123	.062	.018	.118	.060	.018	.112	.058	.017	
8.0	.126	.062	.017	.123	.061	.017	.118	.059	.017	.113	.057	.017	.108	.056	.016	
9.0	.121	.058	.016	.118	.058	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015	
10.0	.116	.055	.015	.113	.055	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	

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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.184	.170	.158	.158	.146	.136	.108	.101	.094	.062	.058	.055	.020	.019	.018	
2.0	.169	.146	.126	.145	.125	.109	.099	.087	.076	.057	.050	.045	.018	.016	.015	
3.0	.157	.127	.103	.135	.109	.089	.092	.076	.063	.053	.044	.037	.017	.014	.012	
4.0	.147	.112	.086	.126	.097	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
5.0	.138	.101	.073	.118	.087	.064	.082	.061	.045	.047	.036	.027	.015	.012	.009	
6.0	.130	.091	.063	.112	.079	.055	.077	.055	.039	.045	.033	.023	.014	.011	.008	
7.0	.124	.084	.056	.106	.073	.049	.074	.051	.034	.043	.030	.021	.014	.010	.007	
8.0	.118	.078	.050	.102	.067	.043	.070	.047	.031	.041	.028	.018	.013	.009	.006	
9.0	.113	.072	.045	.097	.063	.039	.067	.044	.028	.039	.026	.017	.013	.009	.006	
10.0	.108	.068	.041	.093	.059	.036	.065	.042	.026	.038	.025	.015	.012	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm											
NAME: R750 WCCTCAS-2700K						TYPE:			WEIGHT:		
SPEC.:						DIM.: 0.0029459			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	18.0	18.9	18.2	19.1	19.3	18.5	19.5	18.8	19.6	19.8	
	3H	18.0	18.9	18.3	19.1	19.3	18.6	19.4	18.9	19.7	19.9
	4H	18.0	18.8	18.3	19.1	19.3	18.6	19.4	18.9	19.6	19.9
	6H	18.0	18.8	18.3	19.0	19.3	18.6	19.3	18.9	19.6	19.9
	8H	18.0	18.7	18.3	19.0	19.3	18.6	19.3	18.9	19.6	19.9
	12H	17.9	18.6	18.3	18.9	19.2	18.6	19.2	18.9	19.5	19.9
4H	2H	17.9	18.7	18.2	18.9	19.2	18.4	19.2	18.7	19.5	19.7
	3H	18.0	18.7	18.4	19.0	19.3	18.5	19.2	18.9	19.5	19.8
	4H	18.1	18.7	18.4	19.0	19.4	18.6	19.2	19.0	19.5	19.9
	6H	18.1	18.6	18.5	19.0	19.4	18.6	19.2	19.0	19.5	19.9
	8H	18.0	18.6	18.5	18.9	19.3	18.6	19.1	19.0	19.5	19.9
	12H	18.0	18.5	18.4	18.9	19.3	18.6	19.1	19.0	19.5	19.9
8H	4H	18.0	18.5	18.4	18.9	19.3	18.5	19.0	18.9	19.4	19.8
	6H	18.0	18.5	18.5	18.9	19.3	18.6	19.0	19.0	19.4	19.9
	8H	18.0	18.4	18.5	18.8	19.3	18.6	19.0	19.1	19.4	19.9
	12H	18.0	18.3	18.5	18.8	19.3	18.6	18.9	19.1	19.4	19.9
12H	4H	18.0	18.4	18.4	18.8	19.2	18.5	18.9	18.9	19.3	19.8
	6H	18.0	18.4	18.5	18.8	19.3	18.5	18.9	19.0	19.4	19.8
	8H	18.0	18.3	18.5	18.8	19.3	18.6	18.9	19.1	19.4	19.9
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 3.2					+ 2.2 / - 2.8					
1.5H	+ 3.9 / - 2.6					+ 4.0 / - 2.3					
2.0H	+ 2.2 / - 1.3					+ 1.8 / - 1.2					

CIE Pub.117 Corrected 725.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.1)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

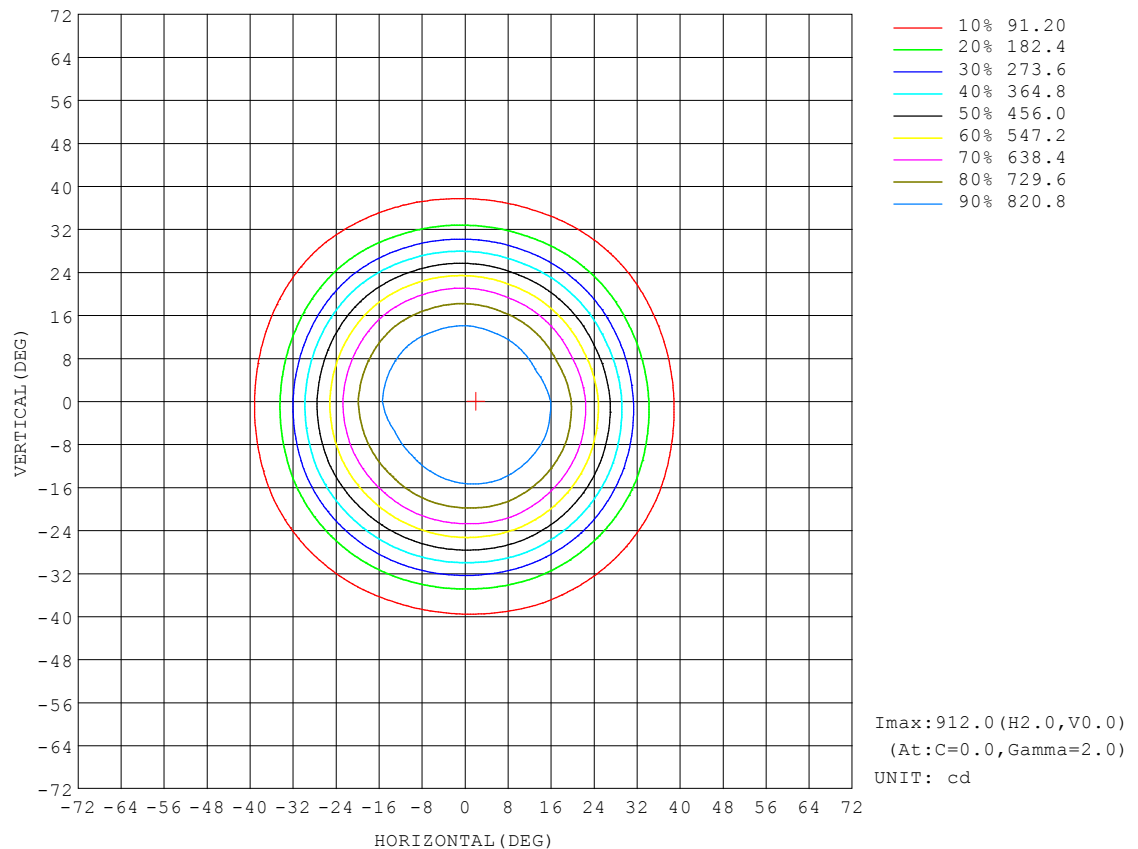
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	98	94	91	87
1.50	105	100	96	103	99	96	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

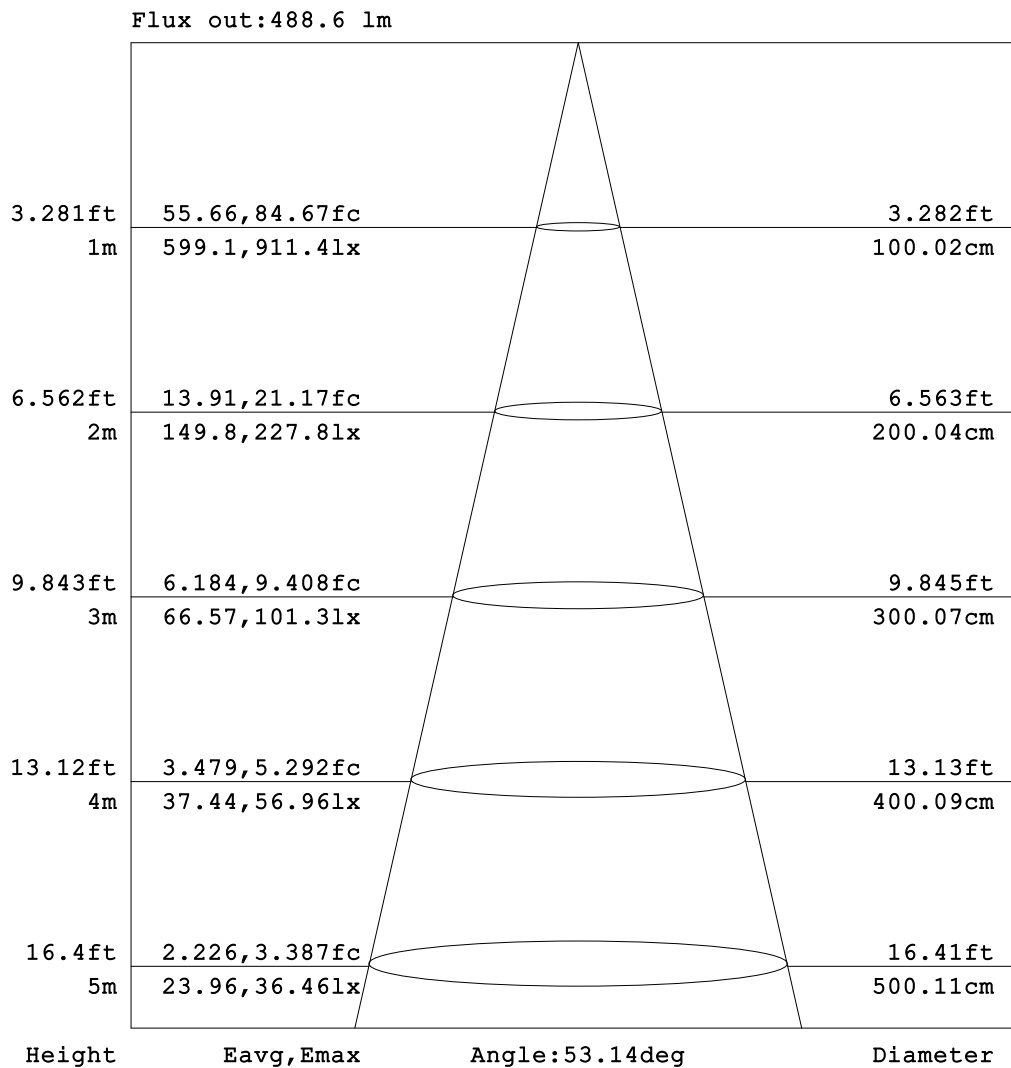


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



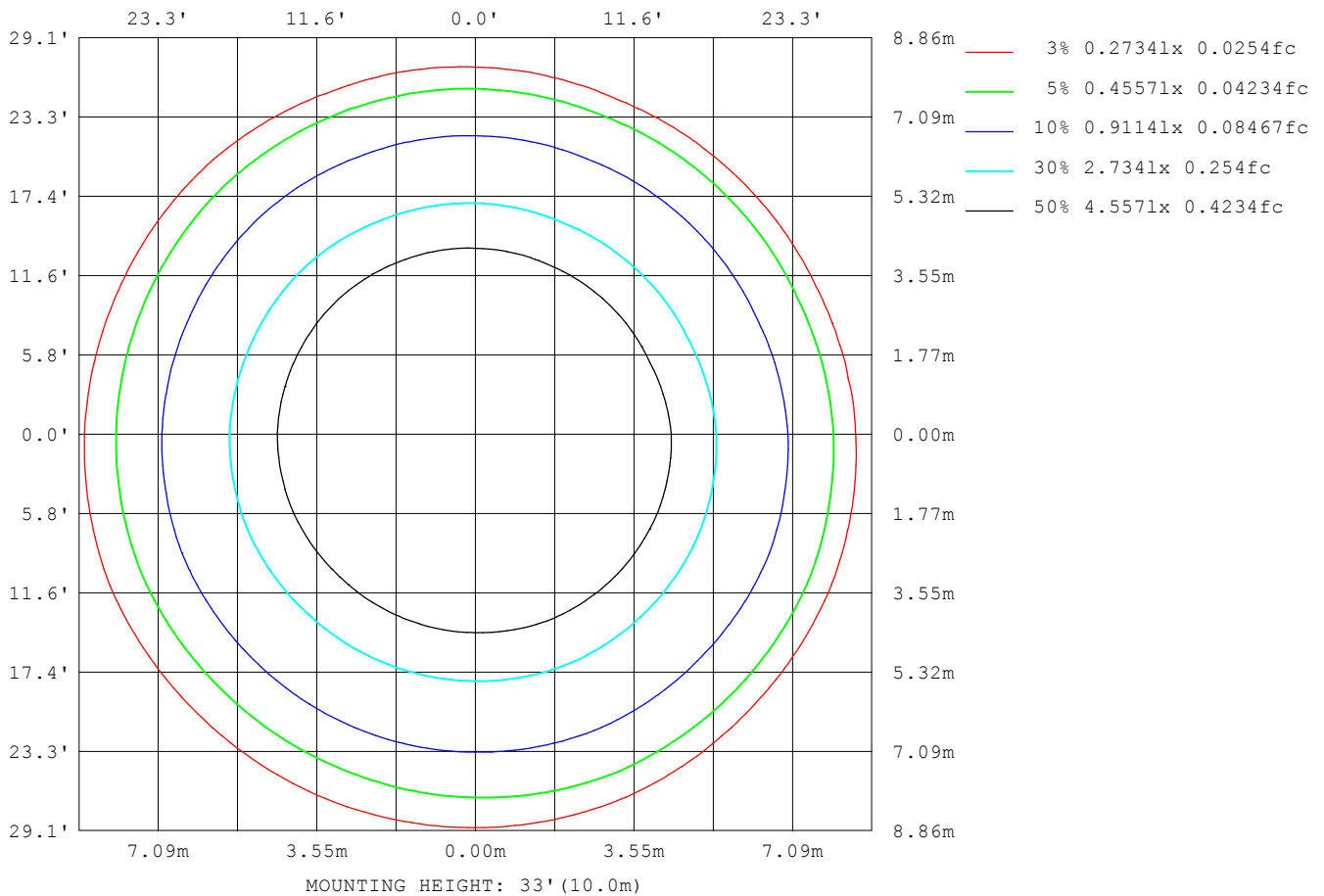
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

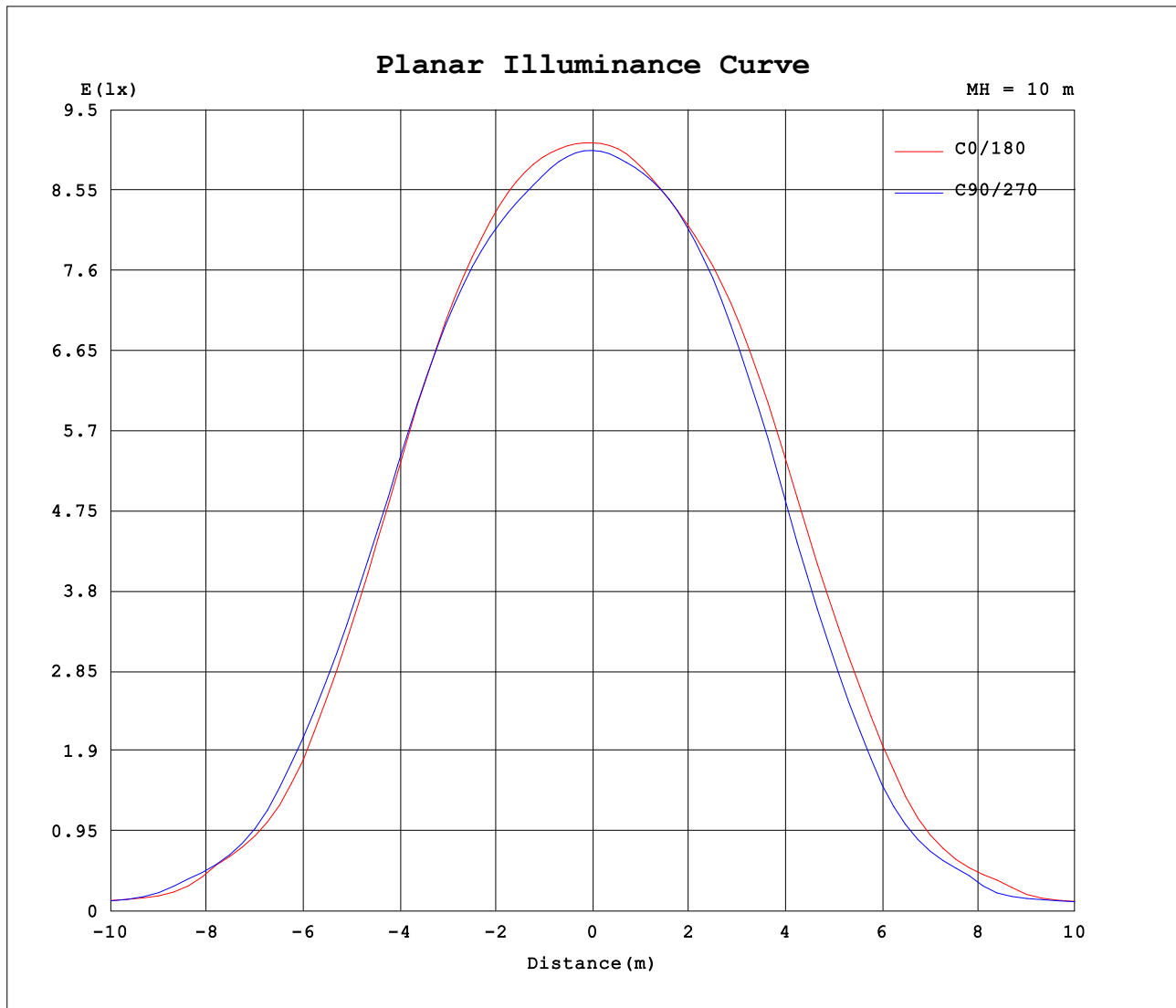
Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm		
NAME: R750 WCCTCAS-2700K	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.0029459	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.7V I:0.0454A P:10.37W PF:0.9480 Lamp Flux:725.883x1 lm																	
NAME: R750 WCCTCAS-2700K									TYPE:						WEIGHT:		
SPEC.:									DIM.: 0.0029459						SERIAL No.:1		
MFR.:									SUR.:						PROTECTION ANGLE:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904			
5	903	903	900	896	893	892	892	893	893	892	892	892	894	895	898	901			
10	885	887	882	876	869	863	859	861	863	865	867	868	871	872	876	879			
15	829	836	834	833	827	819	813	817	819	818	816	807	806	802	809	815			
20	717	732	733	735	726	722	717	724	720	710	701	683	676	670	680	693			
25	534	551	559	565	561	553	552	558	549	535	518	494	483	474	484	502			
30	326	350	359	370	366	363	361	368	353	333	317	293	279	272	278	294			
35	162	174	176	183	180	178	175	176	164	153	146	135	131	129	137	146			
40	66.5	76.9	81.1	88.4	86.0	82.1	82.3	85.0	81.9	75.5	67.1	54.4	49.3	46.5	50.0	55.7			
45	36.6	37.2	36.9	36.6	35.7	35.2	34.6	34.6	33.7	33.2	33.4	33.1	32.8	32.4	33.4	34.9			
50	23.5	24.4	24.9	26.4	26.8	26.7	26.5	26.5	25.7	24.9	24.7	23.7	22.9	22.2	22.3	22.5			
55	15.6	15.6	15.9	16.7	17.1	17.4	17.3	17.1	16.6	16.3	16.3	16.3	16.1	15.8	15.5	15.4			
60	11.2	11.5	11.6	12.2	12.5	12.9	12.7	12.6	12.2	11.9	11.9	11.5	11.4	11.0	11.1	10.9			
65	7.79	8.17	8.20	8.55	8.71	9.11	9.08	9.03	8.76	8.44	8.31	7.81	7.55	7.15	7.23	7.31			
70	4.84	4.93	5.03	5.18	5.37	5.57	5.70	5.76	5.64	5.49	5.27	5.00	4.73	4.60	4.56	4.63			
75	3.06	3.26	3.36	3.47	3.66	3.81	3.96	3.98	3.84	3.80	3.58	3.34	3.10	3.01	2.96	2.97			
80	1.52	1.69	1.93	2.01	2.17	2.27	2.42	2.32	2.12	2.15	2.13	1.94	1.73	1.69	1.62	1.50			
85	0.37	0.43	0.71	0.75	0.91	0.96	1.08	0.81	0.65	0.81	0.86	0.75	0.57	0.59	0.50	0.44			
90	0.04	0.05	0.04	0.05	0.05	0.04	0.07	0.03	0.04	0.06	0.05	0.08	0.06	0.05	0.05	0.05			
95	0.04	0.07	0.04	0.07	0.04	0.07	0.03	0.06	0.06	0.04	0.06	0.06	0.08	0.05	0.07	0.05			
100	0.04	0.12	0.04	0.09	0.04	0.10	0.03	0.09	0.10	0.04	0.11	0.06	0.11	0.05	0.11	0.05			
105	0.10	0.17	0.10	0.16	0.05	0.14	0.05	0.16	0.17	0.11	0.17	0.09	0.17	0.10	0.17	0.08			
110	0.20	0.29	0.17	0.25	0.14	0.24	0.16	0.26	0.26	0.19	0.28	0.19	0.28	0.19	0.28	0.18			
115	0.43	0.51	0.42	0.47	0.34	0.42	0.34	0.45	0.46	0.40	0.50	0.43	0.52	0.42	0.50	0.43			
120	0.83	0.88	0.77	0.81	0.68	0.76	0.70	0.81	0.81	0.75	0.84	0.78	0.87	0.78	0.87	0.78			
125	1.38	1.43	1.31	1.31	1.19	1.25	1.20	1.33	1.31	1.29	1.38	1.32	1.40	1.33	1.39	1.31			
130	2.07	2.11	1.98	1.99	1.85	1.92	1.89	1.99	1.97	1.95	2.06	2.01	2.09	2.01	2.06	1.98			
135	2.87	2.90	2.78	2.76	2.66	2.69	2.68	2.80	2.77	2.75	2.85	2.81	2.90	2.82	2.85	2.75			
140	3.74	3.76	3.64	3.64	3.51	3.56	3.54	3.66	3.62	3.60	3.71	3.67	3.75	3.69	3.71	3.61			
145	4.62	4.65	4.54	4.52	4.42	4.48	4.45	4.57	4.53	4.49	4.60	4.57	4.66	4.59	4.61	4.49			
150	5.47	5.49	5.36	5.40	5.30	5.36	5.30	5.43	5.37	5.32	5.44	5.41	5.52	5.45	5.45	5.31			
155	6.19	6.22	6.11	6.16	6.07	6.13	6.05	6.17	6.10	6.02	6.17	6.14	6.27	6.16	6.18	6.01			
160	6.80	6.82	6.71	6.79	6.70	6.77	6.66	6.80	6.73	6.64	6.76	6.74	6.88	6.75	6.79	6.60			
165	7.34	7.37	7.23	7.33	7.23	7.31	7.20	7.34	7.28	7.20	7.32	7.30	7.41	7.33	7.33	7.15			
170	7.78	7.86	7.75	7.83	7.68	7.78	7.70	7.84	7.78	7.74	7.84	7.74	7.84	7.78	7.82	7.70			
175	8.16	8.22	8.11	8.20	8.05	8.19	8.12	8.24	8.19	8.12	8.26	8.11	8.19	8.11	8.24	8.08			
180	8.31	8.34	8.33	8.35	8.27	8.30	8.33	8.35	8.35	8.28	8.38	8.28	8.31	8.31	8.34	8.31			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2022-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:12.020m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	904.0	904.0	904.0	904.0	904.0	904.0	904.0	904.0	904.0	904.0
3.0	904.3	904.5	903.3	902.1	900.5	900.2	900.2	901.0	900.8	900.1
6.0	901.3	901.3	897.1	892.4	887.5	886.2	886.0	887.2	887.6	887.5
9.0	890.8	892.2	887.1	880.2	873.4	869.1	866.2	867.7	869.0	870.3
12.0	867.2	871.0	869.2	865.5	856.4	848.9	844.8	846.3	849.0	850.1
15.0	829.2	836.0	833.8	833.3	826.6	819.0	813.0	816.8	819.4	817.8
18.0	769.1	782.5	781.7	782.6	775.3	769.5	764.0	770.1	768.6	762.3
21.0	684.7	702.3	704.7	707.1	697.8	693.9	690.6	698.3	691.6	678.5
24.0	575.1	590.7	597.9	603.0	595.9	590.8	587.8	595.8	586.7	572.2
27.0	452.1	471.5	480.0	486.4	482.3	477.9	475.4	483.7	473.1	455.4
30.0	326.0	349.6	358.7	369.7	365.8	363.5	361.5	367.9	353.4	333.0
33.0	212.6	230.2	241.7	247.6	250.2	248.9	246.4	248.5	229.5	210.0
36.0	143.1	153.1	152.9	156.5	153.2	150.4	148.5	150.3	140.3	131.9
39.0	86.99	100.4	102.7	103.4	98.43	94.65	94.15	96.80	92.33	88.90
42.0	44.86	48.89	50.23	53.92	54.52	55.32	54.85	56.47	49.21	43.19
45.0	36.58	37.18	36.93	36.60	35.70	35.17	34.60	34.60	33.72	33.21
48.0	29.07	30.00	30.29	30.70	30.23	29.81	29.59	29.78	29.28	28.76
51.0	21.39	21.92	22.40	23.95	24.68	24.84	24.68	24.62	23.64	22.73
54.0	16.71	16.65	17.02	18.03	18.50	18.99	18.84	18.72	17.99	17.28
57.0	13.63	13.79	14.02	14.78	15.17	15.44	15.22	15.09	14.72	14.41
60.0	11.15	11.53	11.64	12.19	12.54	12.89	12.74	12.59	12.18	11.93
63.0	9.180	9.516	9.580	9.968	10.23	10.60	10.52	10.41	10.06	9.783
66.0	7.028	7.437	7.432	7.816	7.967	8.379	8.366	8.378	8.101	7.779
69.0	5.201	5.314	5.383	5.561	5.758	6.076	6.204	6.323	6.073	5.855
72.0	4.125	4.245	4.322	4.464	4.661	4.816	4.963	5.034	4.911	4.790
75.0	3.062	3.265	3.359	3.470	3.661	3.805	3.961	3.983	3.844	3.805
78.0	2.096	2.282	2.488	2.577	2.745	2.866	3.013	2.967	2.793	2.801
81.0	1.248	1.414	1.669	1.731	1.901	2.010	2.131	1.988	1.795	1.848
84.0	0.5236	0.6219	0.9312	0.9781	1.138	1.201	1.326	1.090	0.9051	1.044
87.0	0.1492	0.1201	0.2936	0.3050	0.4653	0.4982	0.6158	0.3847	0.2657	0.4245
90.0	0.0372	0.0468	0.0374	0.0471	0.0473	0.0379	0.0679	0.0284	0.0372	0.0561
93.0	0.0372	0.0745	0.0374	0.0655	0.0376	0.0565	0.0284	0.0474	0.0649	0.0373
96.0	0.0372	0.0752	0.0374	0.0750	0.0376	0.0753	0.0283	0.0755	0.0746	0.0373
99.0	0.0372	0.1083	0.0374	0.0938	0.0376	0.0851	0.0283	0.0943	0.0844	0.0373
102.0	0.0372	0.1308	0.0374	0.1128	0.0376	0.1132	0.0283	0.1133	0.1302	0.0373
105.0	0.1015	0.1684	0.1024	0.1595	0.0470	0.1415	0.0469	0.1605	0.1675	0.1114
108.0	0.1633	0.2338	0.1402	0.2069	0.1308	0.1884	0.1317	0.2081	0.2235	0.1530
111.0	0.2510	0.2990	0.1963	0.2918	0.1781	0.2730	0.1696	0.2931	0.2979	0.2146
114.0	0.3890	0.4490	0.3364	0.4128	0.3004	0.3774	0.3010	0.4058	0.4105	0.3348
117.0	0.5767	0.6364	0.5332	0.5814	0.4599	0.5459	0.4696	0.5756	0.5786	0.5131
120.0	0.8265	0.8790	0.7662	0.8072	0.6841	0.7643	0.6960	0.8116	0.8107	0.7539
123.0	1.142	1.189	1.065	1.088	0.9746	1.046	0.9791	1.098	1.092	1.044
126.0	1.506	1.551	1.430	1.428	1.322	1.375	1.327	1.444	1.425	1.399
129.0	1.925	1.960	1.831	1.839	1.707	1.761	1.733	1.850	1.835	1.809
132.0	2.380	2.405	2.297	2.290	2.159	2.207	2.177	2.315	2.274	2.263
135.0	2.869	2.898	2.777	2.760	2.655	2.695	2.685	2.795	2.765	2.751
138.0	3.389	3.399	3.293	3.269	3.154	3.202	3.175	3.295	3.261	3.257
141.0	3.906	3.932	3.817	3.809	3.692	3.739	3.718	3.841	3.806	3.784
144.0	4.437	4.465	4.357	4.354	4.226	4.292	4.258	4.375	4.349	4.321
147.0	4.972	4.986	4.883	4.887	4.779	4.840	4.791	4.917	4.861	4.833
150.0	5.467	5.489	5.360	5.401	5.296	5.365	5.303	5.426	5.369	5.317
153.0	5.915	5.948	5.817	5.873	5.778	5.838	5.774	5.898	5.817	5.749
156.0	6.315	6.359	6.222	6.294	6.199	6.267	6.180	6.314	6.225	6.149
159.0	6.677	6.731	6.578	6.678	6.576	6.644	6.558	6.691	6.608	6.515
162.0	7.005	7.057	6.913	7.015	6.914	6.992	6.888	7.022	6.942	6.859
165.0	7.340	7.365	7.232	7.333	7.233	7.311	7.199	7.341	7.285	7.204
168.0	7.618	7.673	7.541	7.633	7.505	7.593	7.510	7.652	7.592	7.523
171.0	7.879	7.934	7.822	7.896	7.787	7.884	7.811	7.935	7.872	7.821
174.0	8.075	8.168	8.065	8.121	7.976	8.111	8.037	8.171	8.122	8.064
177.0	8.215	8.317	8.225	8.308	8.192	8.298	8.264	8.340	8.308	8.232
180.0	8.308	8.345	8.328	8.345	8.267	8.298	8.330	8.350	8.354	8.279
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	904.0	904.0	904.0	904.0	904.0	904.0				
3.0	899.5	898.6	899.1	899.6	901.3	903.1				
6.0	888.1	888.9	891.1	892.5	896.1	898.8				
9.0	873.4	875.0	878.2	879.9	884.3	886.2				
12.0	851.2	849.3	850.3	849.7	855.1	859.1				
15.0	815.9	807.3	805.5	801.9	808.6	815.1				
18.0	754.4	739.8	734.9	730.6	738.8	749.1				
21.0	668.1	648.4	640.8	632.9	643.6	657.1				
24.0	556.7	534.4	522.7	514.3	525.2	542.8				
27.0	438.3	413.8	401.7	391.0	401.3	418.0				
30.0	317.1	292.6	279.3	272.5	278.1	293.7				

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity: 60.0%
 Test Distance: 12.020m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	199.0	182.3	175.1	171.1	179.5	191.1
36.0	126.3	118.0	114.7	114.2	120.9	129.3
39.0	86.01	73.11	64.61	59.03	64.23	71.77
42.0	40.27	37.82	37.54	37.13	38.80	41.17
45.0	33.38	33.07	32.79	32.40	33.42	34.90
48.0	28.77	28.10	27.23	26.59	27.01	27.58
51.0	22.51	21.64	21.03	20.27	20.42	20.47
54.0	17.29	17.29	17.09	16.76	16.52	16.45
57.0	14.47	14.36	14.21	13.82	13.65	13.50
60.0	11.94	11.52	11.38	11.01	11.05	10.95
63.0	9.674	9.202	8.955	8.663	8.733	8.726
66.0	7.624	7.055	6.779	6.390	6.495	6.562
69.0	5.648	5.360	5.101	4.944	4.924	4.984
72.0	4.559	4.290	4.034	3.915	3.886	3.945
75.0	3.577	3.339	3.096	3.011	2.960	2.968
78.0	2.688	2.480	2.248	2.186	2.122	2.041
81.0	1.853	1.680	1.481	1.449	1.371	1.237
84.0	1.091	0.9761	0.7904	0.7880	0.7091	0.5874
87.0	0.4170	0.3123	0.1561	0.1998	0.1293	0.1612
90.0	0.0468	0.0847	0.0564	0.0474	0.0472	0.0475
93.0	0.0469	0.0563	0.0658	0.0470	0.0568	0.0472
96.0	0.0751	0.0563	0.0939	0.0470	0.0848	0.0472
99.0	0.0938	0.0563	0.1036	0.0470	0.1037	0.0472
102.0	0.1123	0.0563	0.1318	0.0470	0.1416	0.0472
105.0	0.1690	0.0932	0.1692	0.1028	0.1698	0.0847
108.0	0.2159	0.1401	0.2350	0.1410	0.2270	0.1415
111.0	0.2997	0.2241	0.3197	0.2257	0.3208	0.2076
114.0	0.4310	0.3562	0.4604	0.3475	0.4346	0.3582
117.0	0.6178	0.5421	0.6306	0.5639	0.6229	0.5275
120.0	0.8432	0.7769	0.8749	0.7806	0.8683	0.7809
123.0	1.153	1.085	1.176	1.082	1.160	1.074
126.0	1.500	1.450	1.526	1.465	1.499	1.431
129.0	1.905	1.874	1.940	1.861	1.914	1.829
132.0	2.362	2.316	2.398	2.321	2.366	2.281
135.0	2.847	2.809	2.897	2.818	2.850	2.754
138.0	3.347	3.325	3.403	3.329	3.358	3.263
141.0	3.888	3.857	3.938	3.871	3.883	3.791
144.0	4.410	4.388	4.483	4.408	4.450	4.311
147.0	4.941	4.911	5.008	4.927	4.951	4.827
150.0	5.437	5.406	5.518	5.445	5.450	5.308
153.0	5.868	5.860	5.987	5.899	5.901	5.745
156.0	6.288	6.273	6.399	6.292	6.296	6.158
159.0	6.654	6.618	6.766	6.651	6.673	6.489
162.0	6.982	6.956	7.103	6.998	7.012	6.829
165.0	7.318	7.304	7.413	7.329	7.332	7.151
168.0	7.636	7.557	7.676	7.591	7.634	7.461
171.0	7.926	7.820	7.911	7.818	7.916	7.773
174.0	8.197	8.072	8.117	8.025	8.152	8.010
177.0	8.365	8.251	8.305	8.223	8.349	8.189
180.0	8.384	8.280	8.305	8.308	8.340	8.312

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2022-03-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity: 60.0%
 Test Distance: 12.020m [K=1.0000]
 Remarks: