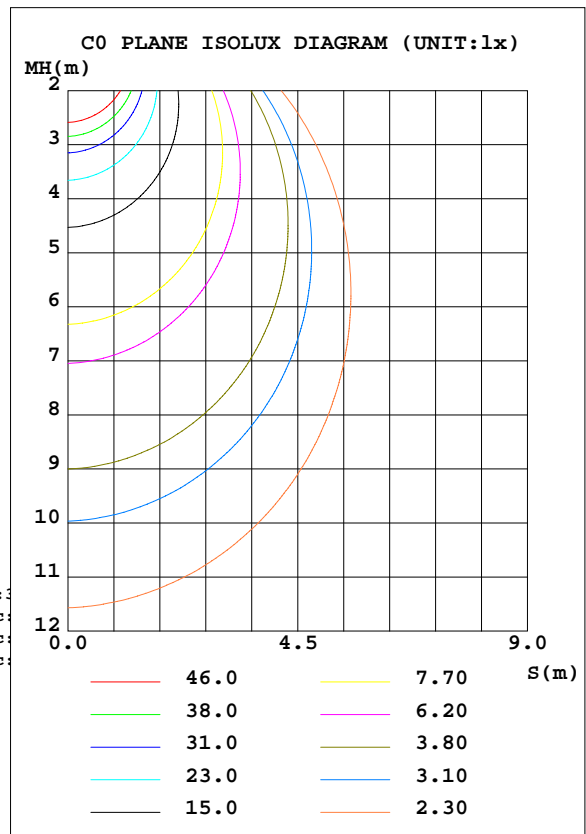
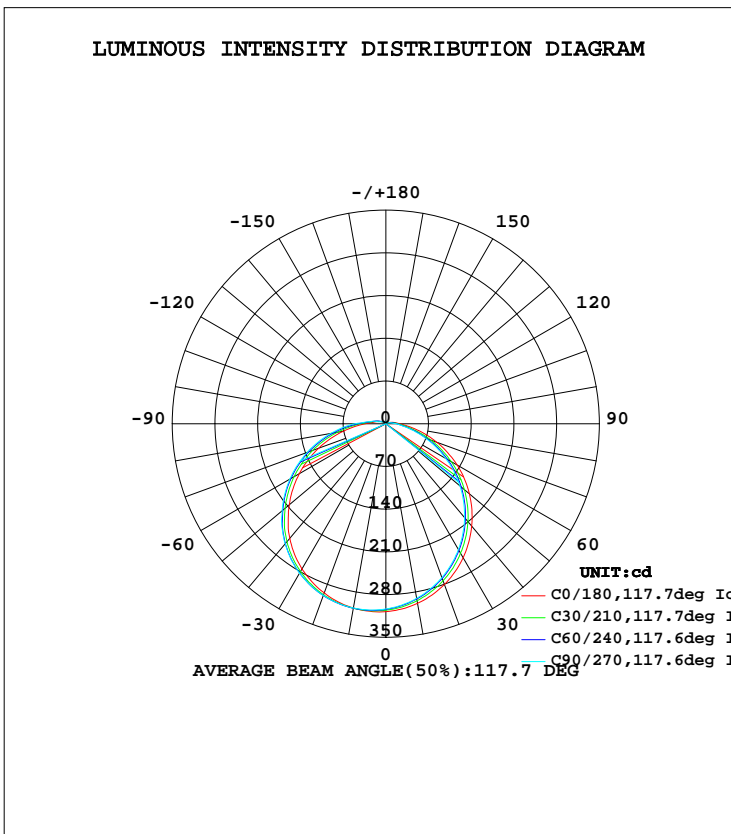


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	1072LED	Imax(cd)	308.6	S/MH(C0/180)	1.32
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.38
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1018.2	η UP, DN(C0-180)	2.1,41.8
NOMINAL FLUX(lm)	1018.24	CIE CLASS	DIRECT	η UP, DN(C180-360)	3.3,52.8
LAMPS INSIDE	1	η up(%)	5.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	94.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	298.8	293.5	290.4	296.5	306.6	306.5	306.4	301.8	0- 10	28.82	28.82	2.83,2.83
20	280.4	272.6	268.4	279.0	295.1	298.4	299.5	289.9	10- 20	82.79	111.6	11,11
30	253.4	243.5	237.8	252.5	274.9	280.2	282.8	268.8	20- 30	126.3	237.9	23.4,23.4
40	219.0	206.4	200.9	217.4	245.1	252.8	256.9	239.3	30- 40	154.0	391.9	38.5,38.5
50	178.8	165.3	158.5	177.0	206.7	217.4	221.8	203.1	40- 50	162.5	554.4	54.4,54.4
60	134.9	121.1	113.2	132.3	163.9	175.7	181.9	161.6	50- 60	151.7	706.0	69.3,69.3
70	88.93	76.75	69.09	86.29	117.3	129.9	137.3	116.7	60- 70	123.9	829.9	81.5,81.5
80	48.08	38.66	34.46	45.18	71.07	82.38	92.11	72.51	70- 80	85.30	915.2	89.9,89.9
90	23.16	19.64	17.78	21.61	34.03	41.76	51.10	35.96	80- 90	47.90	963.1	94.6,94.6
100	13.46	11.56	9.075	12.92	18.16	21.00	23.57	19.16	90-100	24.20	987.3	97,97
110	5.910	4.552	5.710	7.657	10.97	12.61	10.25	6.007	100-110	12.49	999.8	98.2,98.2
120	4.882	3.462	3.704	4.616	6.652	6.673	6.618	4.431	110-120	6.162	1006	98.8,98.8
130	3.752	3.328	3.393	3.462	4.535	3.744	4.461	3.964	120-130	3.945	1010	99.2,99.2
140	3.409	3.489	3.543	3.509	3.809	3.643	3.616	3.628	130-140	2.836	1013	99.5,99.5
150	3.570	3.655	3.666	3.616	3.732	3.736	3.717	3.701	140-150	2.279	1015	99.7,99.7
160	3.743	3.797	3.817	3.767	3.820	3.763	3.805	3.801	150-160	1.727	1017	99.9,99.9
170	3.886	3.944	3.928	3.901	3.901	3.882	3.924	3.921	160-170	1.092	1018	100,100
180	3.975	3.967	3.975	3.975	3.982	3.963	3.978	3.978	170-180	0.3760	1018	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

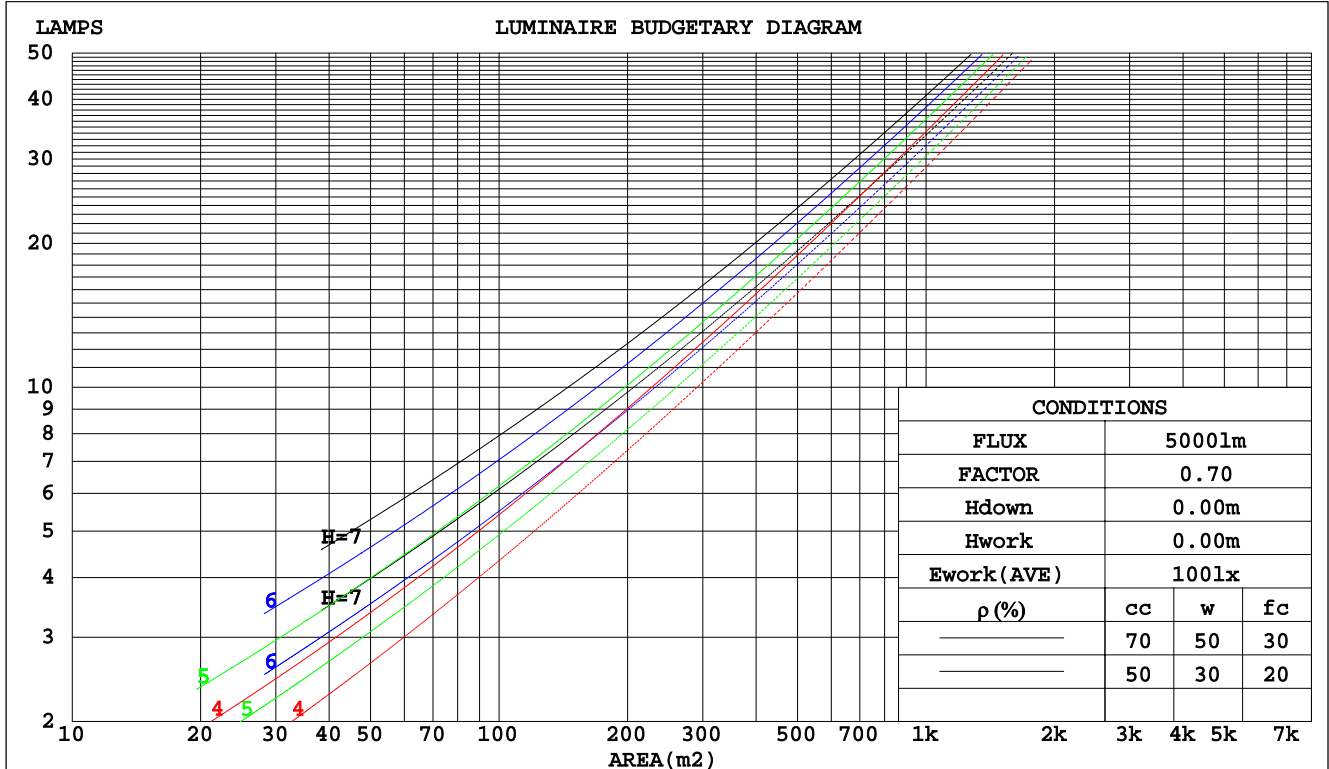
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:7.500m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.95
1.0	1.01	.96	.91	.98	.93	.89	.92	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.79	.73	.84	.78	.72	.80	.74	.69	.76	.71	.67	.72	.68	.65	.62
3.0	.76	.67	.60	.74	.66	.59	.70	.63	.58	.66	.61	.56	.63	.58	.54	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.47	.56	.51	.46	.44
5.0	.60	.50	.43	.58	.49	.43	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.27	.23	.33	.27	.23	.21



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.348	.198	.063	.339	.193	.061	.323	.185	.059	.307	.177	.057	.293	.170	.055	
2.0	.313	.172	.053	.306	.168	.052	.291	.162	.050	.277	.156	.049	.265	.150	.047	
3.0	.284	.151	.045	.277	.148	.045	.264	.143	.043	.252	.138	.042	.240	.133	.041	
4.0	.259	.135	.040	.253	.132	.039	.241	.128	.038	.230	.123	.037	.220	.119	.036	
5.0	.237	.121	.035	.232	.119	.035	.221	.115	.034	.211	.112	.033	.202	.108	.032	
6.0	.219	.110	.031	.214	.108	.031	.204	.105	.030	.195	.102	.030	.187	.098	.029	
7.0	.203	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.174	.090	.027	
8.0	.189	.092	.026	.185	.091	.026	.177	.088	.025	.170	.086	.025	.163	.083	.024	
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022	
10.0	.165	.079	.022	.162	.078	.022	.156	.076	.021	.150	.074	.021	.144	.072	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.232	.232	.232	.198	.198	.198	.135	.135	.135	.078	.078	.078	.025	.025	.025	
1.0	.225	.197	.173	.192	.169	.149	.131	.117	.103	.076	.067	.060	.024	.022	.019	
2.0	.217	.174	.137	.186	.149	.119	.127	.103	.083	.073	.060	.049	.024	.019	.016	
3.0	.209	.156	.114	.179	.135	.099	.123	.094	.070	.071	.055	.041	.023	.018	.013	
4.0	.202	.143	.099	.173	.124	.086	.119	.086	.061	.069	.051	.036	.022	.016	.012	
5.0	.194	.133	.089	.167	.115	.077	.115	.081	.054	.066	.047	.032	.021	.015	.011	
6.0	.187	.125	.081	.160	.108	.070	.111	.076	.050	.064	.045	.030	.021	.015	.010	
7.0	.180	.118	.075	.154	.103	.066	.107	.072	.047	.062	.042	.028	.020	.014	.009	
8.0	.173	.113	.071	.149	.098	.062	.103	.069	.044	.060	.040	.026	.019	.013	.009	
9.0	.167	.108	.068	.144	.093	.059	.099	.066	.042	.058	.039	.025	.019	.013	.008	
10.0	.161	.103	.065	.139	.090	.057	.096	.063	.040	.056	.037	.024	.018	.012	.008	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: RP Lighting + Fans					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	15.4	16.9	15.7	17.2	17.5	14.8	16.3	15.1	16.6	16.9
3H	17.0	18.4	17.4	18.8	19.1	16.2	17.6	16.6	17.9	18.3
4H	17.8	19.1	18.2	19.4	19.8	16.8	18.1	17.2	18.5	18.8
6H	18.4	19.7	18.9	20.1	20.5	17.3	18.5	17.7	18.9	19.3
8H	18.8	20.0	19.2	20.3	20.8	17.5	18.7	17.9	19.1	19.5
12H	19.1	20.3	19.5	20.6	21.1	17.8	18.9	18.2	19.3	19.7
4H 2H	15.9	17.2	16.3	17.6	17.9	15.4	16.8	15.8	17.1	17.5
3H	17.7	18.9	18.1	19.3	19.7	17.0	18.2	17.5	18.6	19.0
4H	18.6	19.6	19.0	20.1	20.5	17.7	18.8	18.2	19.2	19.7
6H	19.4	20.3	19.9	20.8	21.3	18.4	19.3	18.9	19.8	20.3
8H	19.8	20.7	20.3	21.1	21.7	18.7	19.6	19.2	20.0	20.5
12H	20.2	21.0	20.7	21.5	22.1	19.0	19.8	19.5	20.3	20.8
8H 4H	18.8	19.7	19.3	20.2	20.7	18.1	18.9	18.6	19.4	19.9
6H	19.8	20.6	20.3	21.1	21.6	18.9	19.6	19.4	20.1	20.7
8H	20.3	21.0	20.9	21.5	22.1	19.3	20.0	19.9	20.5	21.1
12H	20.9	21.5	21.5	22.1	22.6	19.8	20.4	20.4	20.9	21.5
12H 4H	18.8	19.6	19.3	20.1	20.6	18.1	18.9	18.6	19.4	19.9
6H	19.9	20.5	20.4	21.1	21.6	19.0	19.7	19.6	20.2	20.8
8H	20.5	21.0	21.0	21.6	22.2	19.5	20.1	20.1	20.6	21.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 1018 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

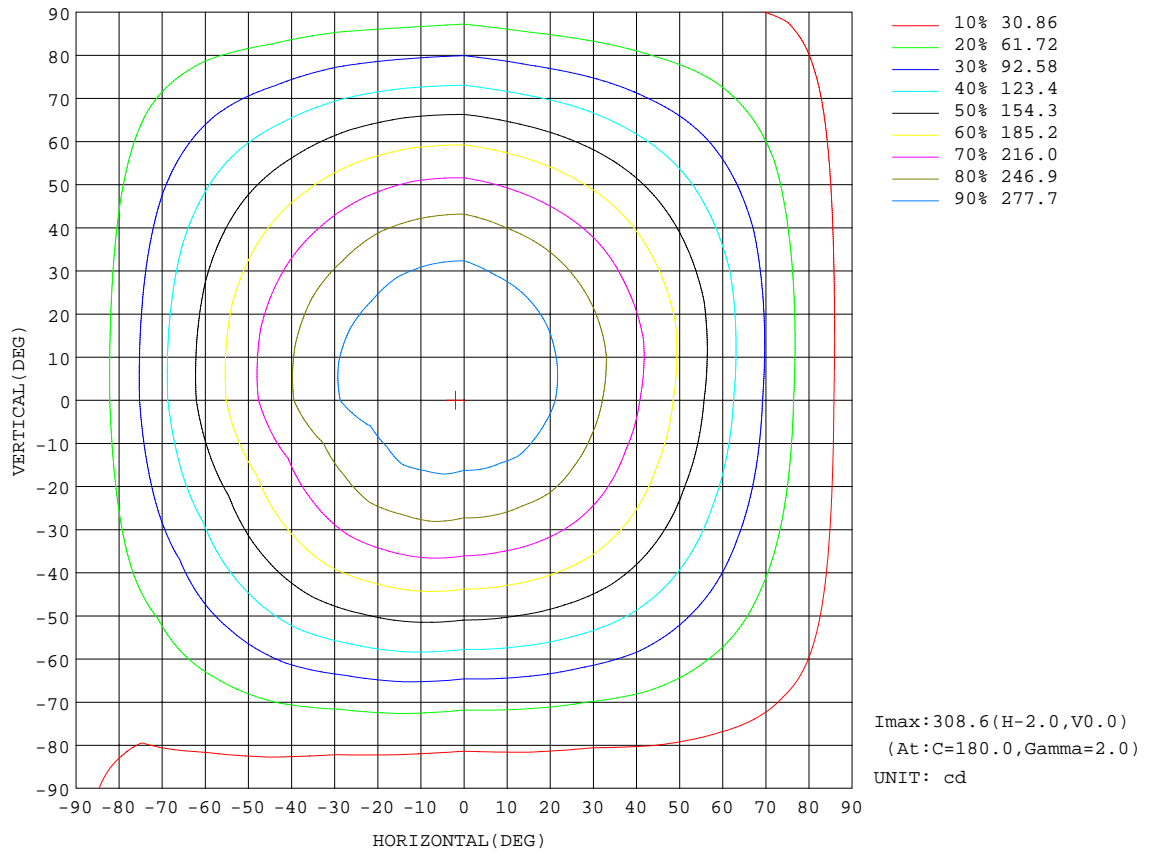
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	34	28
0.80	64	51	44	62	51	43	60	50	43	36
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	67	59	77	66	59	74	65	58	50
1.50	84	73	65	82	72	64	78	70	63	55
2.00	91	81	74	88	80	73	84	77	71	62
2.50	95	86	79	92	84	78	88	81	76	66
3.00	98	90	84	96	89	83	91	85	80	70
4.00	103	96	90	100	94	89	95	90	86	75
5.00	105	100	95	102	97	93	97	93	89	78
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:  
 Test Date:2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

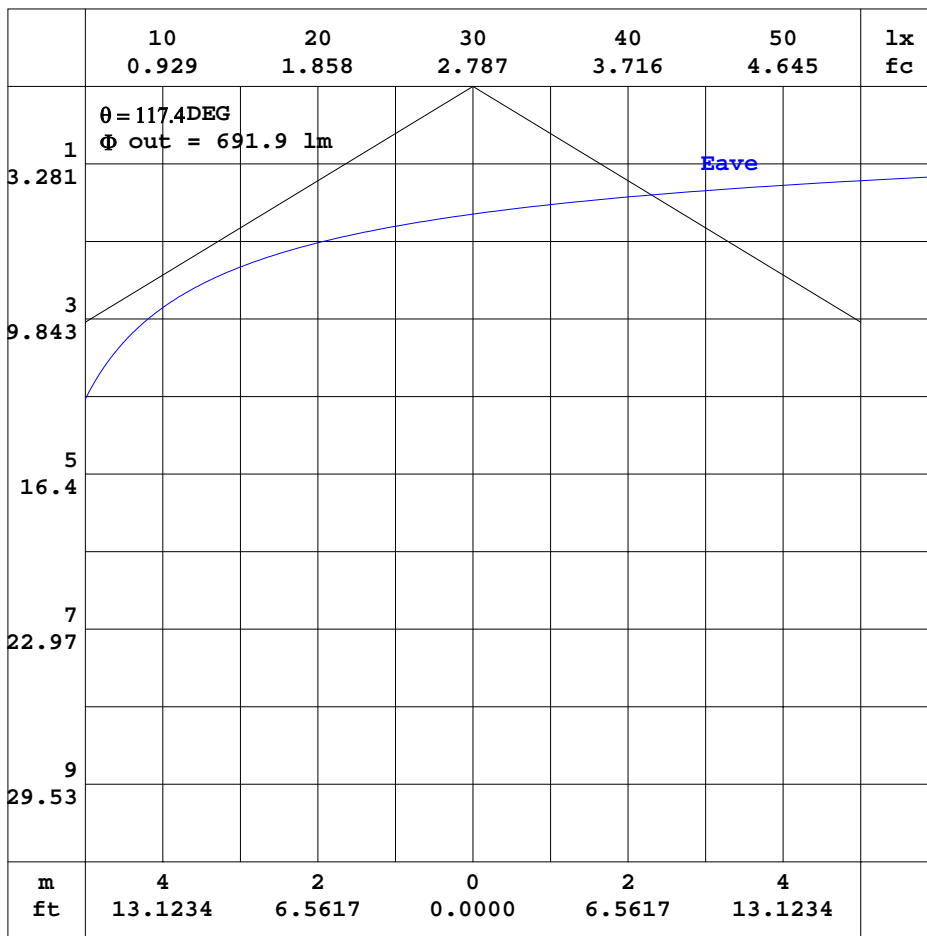


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

AAI CURVES

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:



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

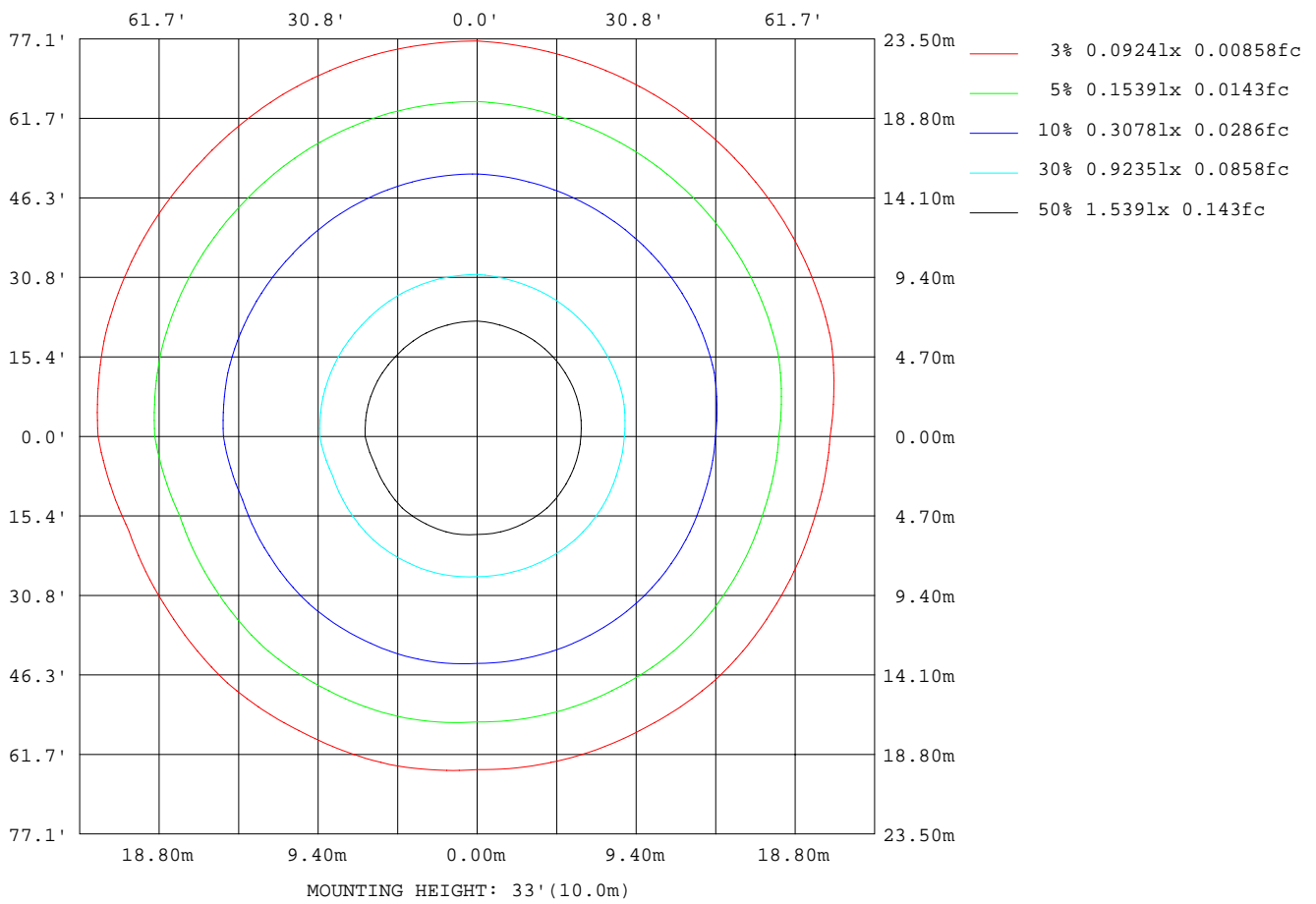
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

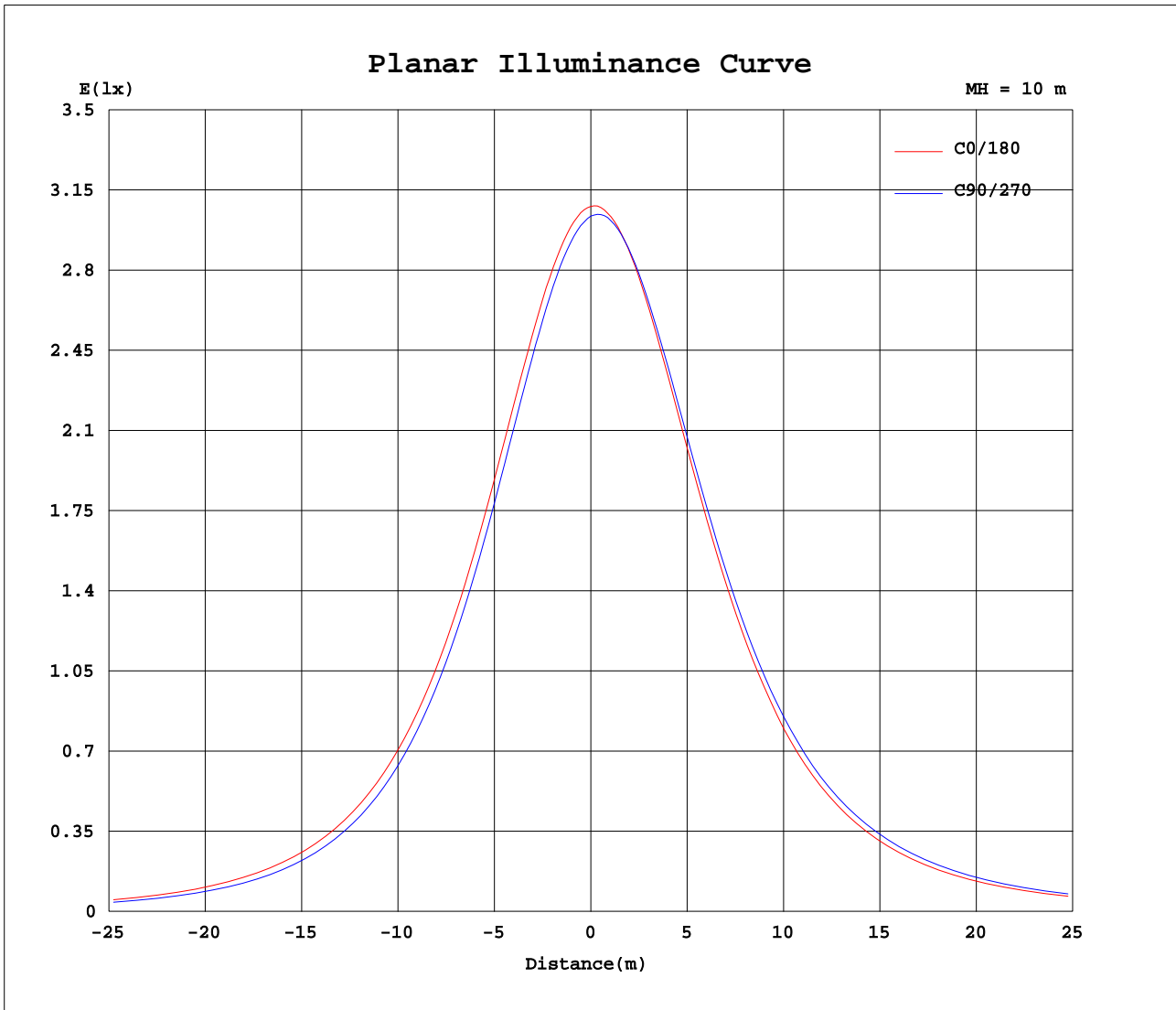
AvgL	cd/m2
L_0~180(65)av	2986
L_0~180(75)av	3116
L_0~180(85)av	4765
L_90~270(65)av	2968
L_90~270(75)av	3175
L_90~270(85)av	5388
L_45(65)av	2962
L_45(75)av	3096
L_45(85)av	4882

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	308	307	306	305	304	304	304	304	304	304	302	302	308	307	306	305	304	304	304
5	305	302	301	300	299	299	298	299	300	301	300	301	308	308	308	307	307	307	306
10	299	296	294	293	292	291	290	293	294	297	296	297	307	307	307	307	307	307	306
15	291	288	285	284	282	281	280	284	285	289	289	291	302	304	304	304	304	305	304
20	280	277	274	273	270	269	268	272	275	279	280	283	295	297	298	298	300	300	299
25	268	263	261	259	256	255	254	259	262	267	268	272	286	289	290	291	292	293	292
30	253	248	245	243	240	239	238	243	247	253	254	259	275	278	280	280	283	283	283
35	237	231	228	225	222	220	220	225	230	237	239	244	261	265	267	268	271	271	271
40	219	212	209	206	203	201	201	206	211	217	221	226	245	250	252	253	256	257	257
45	200	192	189	187	183	180	180	186	191	198	202	207	226	232	235	236	240	241	241
50	179	171	168	165	161	159	159	165	170	177	181	187	207	214	216	217	220	223	222
55	157	150	146	143	139	137	136	143	148	155	159	166	186	193	195	197	201	203	202
60	135	127	124	121	116	115	113	120	125	132	137	143	164	171	174	176	180	182	182
65	112	105	101	98.7	94.1	92.3	91.0	97.3	101	109	113	120	141	148	151	153	157	160	160
70	88.9	82.4	78.6	76.7	72.1	70.3	69.1	75.1	78.8	86.3	90.3	97.1	117	125	128	130	134	137	137
75	67.4	61.4	58.1	56.2	52.1	51.4	49.8	54.6	57.9	64.5	68.2	74.7	93.8	100	104	106	111	113	115
80	48.1	42.8	40.3	38.7	35.7	35.7	34.5	37.4	39.8	45.2	48.5	54.0	71.1	77.2	80.9	82.4	87.8	89.9	92.1
85	32.8	29.3	27.6	26.6	24.6	23.9	23.4	25.6	27.1	30.6	32.8	36.8	50.3	55.8	59.0	60.6	65.6	67.9	70.6
90	23.2	21.2	20.2	19.6	18.5	18.1	17.8	19.1	19.8	21.6	22.9	25.2	34.0	38.0	41.1	41.8	45.9	47.9	51.1
95	17.9	16.5	15.7	15.3	14.3	10.6	11.8	14.9	15.4	16.6	17.4	18.7	23.8	26.1	28.4	28.6	31.3	32.6	33.2
100	13.5	12.8	12.1	11.6	10.3	7.74	9.08	11.4	11.9	12.9	13.5	14.5	18.2	19.5	20.8	21.0	22.5	23.3	23.6
105	9.43	9.02	7.08	6.57	7.05	5.83	7.11	8.83	9.18	9.90	10.4	11.2	14.2	15.1	16.2	16.4	17.6	18.0	13.8
110	5.91	4.80	3.12	4.55	4.94	4.60	5.71	6.50	7.13	7.66	8.05	8.64	11.0	11.7	11.9	12.6	13.6	13.5	10.2
115	3.61	4.24	4.30	3.36	3.30	3.78	4.67	5.02	5.17	5.64	6.28	6.72	8.49	8.83	8.71	8.64	9.54	10.3	8.30
120	4.88	4.91	4.18	3.46	3.21	3.25	3.70	4.02	4.27	4.62	5.00	5.32	6.65	6.79	6.35	6.67	7.41	7.93	6.62
125	4.18	4.18	3.91	3.39	3.31	3.33	3.32	3.28	3.31	3.90	4.24	4.38	5.40	5.46	5.00	4.69	5.55	6.03	5.44
130	3.75	3.77	3.65	3.33	3.35	3.37	3.39	3.38	3.33	3.46	3.78	3.82	4.54	4.58	4.26	3.74	4.08	4.68	4.46
135	3.55	3.54	3.37	3.44	3.44	3.44	3.42	3.47	3.42	3.47	3.56	3.60	4.02	3.99	3.85	3.57	3.52	3.56	3.56
140	3.41	3.44	3.44	3.49	3.48	3.53	3.54	3.55	3.50	3.51	3.54	3.52	3.81	3.77	3.77	3.64	3.63	3.59	3.62
145	3.47	3.52	3.54	3.58	3.56	3.61	3.63	3.60	3.57	3.53	3.55	3.55	3.75	3.72	3.73	3.72	3.69	3.64	3.65
150	3.57	3.62	3.63	3.65	3.62	3.66	3.67	3.66	3.62	3.62	3.58	3.57	3.73	3.72	3.74	3.74	3.71	3.70	3.72
155	3.67	3.73	3.69	3.71	3.73	3.76	3.75	3.76	3.70	3.69	3.67	3.66	3.78	3.75	3.76	3.73	3.76	3.76	3.77
160	3.74	3.80	3.78	3.80	3.80	3.84	3.82	3.84	3.80	3.77	3.76	3.75	3.82	3.80	3.79	3.76	3.79	3.80	3.81
165	3.81	3.87	3.85	3.88	3.88	3.90	3.88	3.89	3.86	3.84	3.82	3.82	3.85	3.82	3.84	3.85	3.88	3.86	3.87
170	3.89	3.92	3.92	3.94	3.94	3.96	3.93	3.94	3.92	3.90	3.88	3.88	3.90	3.87	3.89	3.88	3.92	3.91	3.92
175	3.93	3.96	3.94	3.96	3.96	3.97	3.97	3.97	3.96	3.95	3.94	3.93	3.96	3.92	3.94	3.92	3.94	3.93	3.95
180	3.97	3.98	3.96	3.97	3.97	3.98	3.97	3.99	3.98	3.97	3.97	3.97	3.98	3.97	3.98	3.96	3.97	3.97	3.98

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1191A P:14.01W PF:0.9804 Lamp Flux:1018.24x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RP Lighting + Fans	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	304	304	304	302	302														
5	306	305	304	302	301														
10	305	303	302	299	297														
15	301	299	297	294	291														
20	296	293	290	286	283														
25	288	284	280	276	272														
30	277	273	269	264	259														
35	265	260	255	250	245														
40	250	245	239	234	228														
45	233	227	222	215	210														
50	215	209	203	197	191														
55	195	189	183	176	170														
60	175	168	162	155	149														
65	153	146	140	133	127														
70	130	124	117	111	104														
75	107	101	94.3	89.2	82.0														
80	84.8	79.0	72.5	67.9	61.3														
85	63.9	58.3	52.5	48.5	43.0														
90	44.8	40.3	36.0	33.2	29.5														
95	29.9	27.7	25.2	23.6	21.6														
100	21.8	20.6	19.2	18.0	16.7														
105	14.0	15.6	12.1	10.7	11.1														
110	9.42	9.92	6.01	5.22	8.19														
115	6.85	5.24	3.54	4.57	3.58														
120	4.74	3.64	4.43	4.80	5.60														
125	3.72	3.97	4.43	4.37	5.03														
130	3.62	3.96	3.96	4.04	4.40														
135	3.67	3.78	3.60	3.87	4.06														
140	3.66	3.72	3.63	3.62	3.73														
145	3.71	3.71	3.68	3.69	3.69														
150	3.74	3.73	3.70	3.76	3.74														
155	3.75	3.77	3.75	3.78	3.79														
160	3.81	3.82	3.80	3.83	3.82														
165	3.86	3.89	3.87	3.88	3.88														
170	3.92	3.93	3.92	3.93	3.93														
175	3.95	3.97	3.96	3.97	3.97														
180	3.98	3.99	3.98	3.97	3.98														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-08-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks: