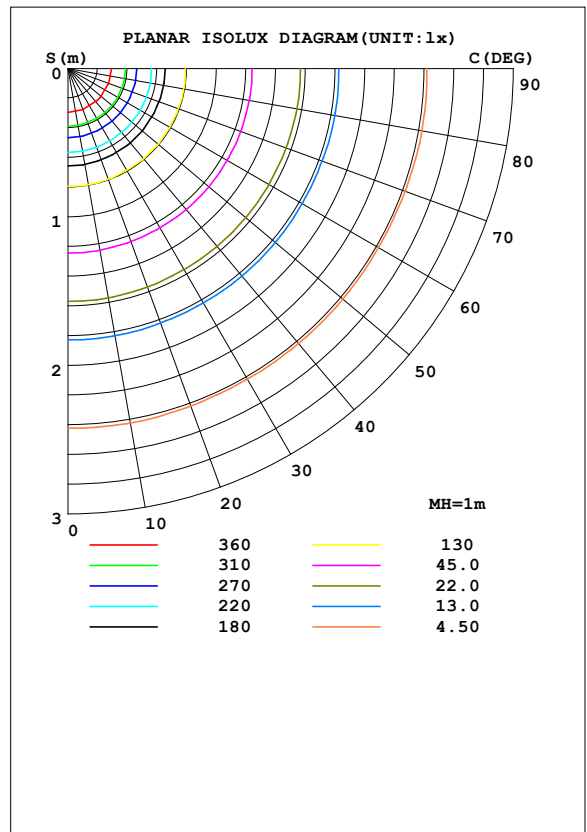
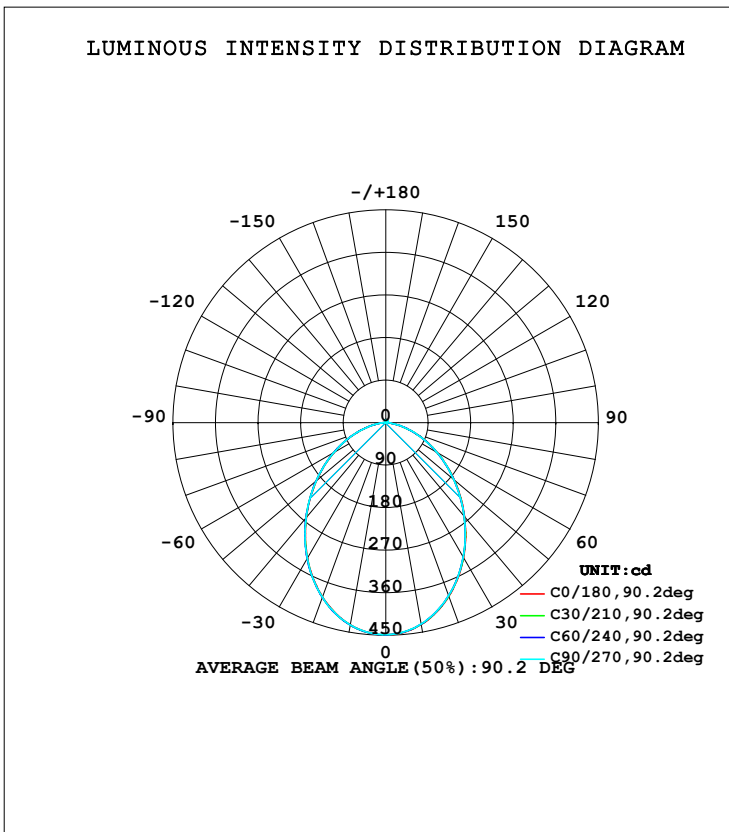


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.20 lm/W			
MODEL		I _{max} (cd)	448.9	S/MH (C0/180)	1.11
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.11
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	993.03	η UP, DN (C0-180)	0.8, 49.0
NOMINAL FLUX (lm)	993.03	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 49.4
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.3	η down (%)	98.3	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2020-03-04

γ Range: 0 - 180DEG
 γ 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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	433.5	433.1	432.5	433.5	434.2	434.4	434.3	433.1	0- 10	42.10	42.10	4.24,4.24
20	390.7	390.2	389.6	391.5	392.2	392.6	392.9	390.6	10- 20	116.8	158.9	16,16
30	329.5	329.0	328.3	330.7	331.4	332.0	332.5	329.6	20- 30	166.7	325.6	32.8,32.8
40	259.4	258.7	258.2	260.9	261.6	262.2	262.6	259.5	30- 40	184.8	510.4	51.4,51.4
50	189.6	189.0	188.6	191.3	191.8	192.3	192.5	189.7	40- 50	173.6	684.0	68.9,68.9
60	125.0	124.5	124.2	126.8	127.2	127.5	127.6	125.0	50- 60	140.9	824.9	83.1,83.1
70	67.42	67.18	67.08	69.33	69.60	69.69	69.79	67.49	60- 70	95.43	920.4	92.7,92.7
80	21.62	21.53	21.52	23.17	23.18	23.30	23.31	21.67	70- 80	46.43	966.8	97.4,97.4
90	0.5457	0.5513	0.5546	0.5415	0.5121	0.5301	0.5028	0.5033	80- 90	9.835	976.6	98.3,98.3
100	0.9179	1.015	0.9170	0.9967	0.9568	0.8298	0.9387	0.8776	90-100	0.7561	977.4	98.4,98.4
110	1.555	1.643	1.555	1.624	1.557	1.449	1.548	1.495	100-110	1.298	978.7	98.6,98.6
120	2.299	2.406	2.308	2.368	2.292	2.183	2.262	2.201	110-120	1.896	980.6	98.7,98.7
130	3.140	3.247	3.158	3.219	3.132	2.995	3.102	3.041	120-130	2.421	983.0	99,99
140	4.007	4.078	3.990	4.049	3.983	3.854	3.942	3.882	130-140	2.739	985.7	99.3,99.3
150	4.763	4.852	4.792	4.832	4.765	4.665	4.754	4.647	140-150	2.736	988.5	99.5,99.5
160	5.410	5.498	5.438	5.509	5.469	5.342	5.459	5.352	150-160	2.353	990.8	99.8,99.8
170	5.913	6.020	5.923	6.030	5.981	5.883	5.981	5.874	160-170	1.612	992.5	99.9,99.9
180	6.174	6.213	6.164	6.203	6.184	6.203	6.203	6.184	170-180	0.5792	993.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

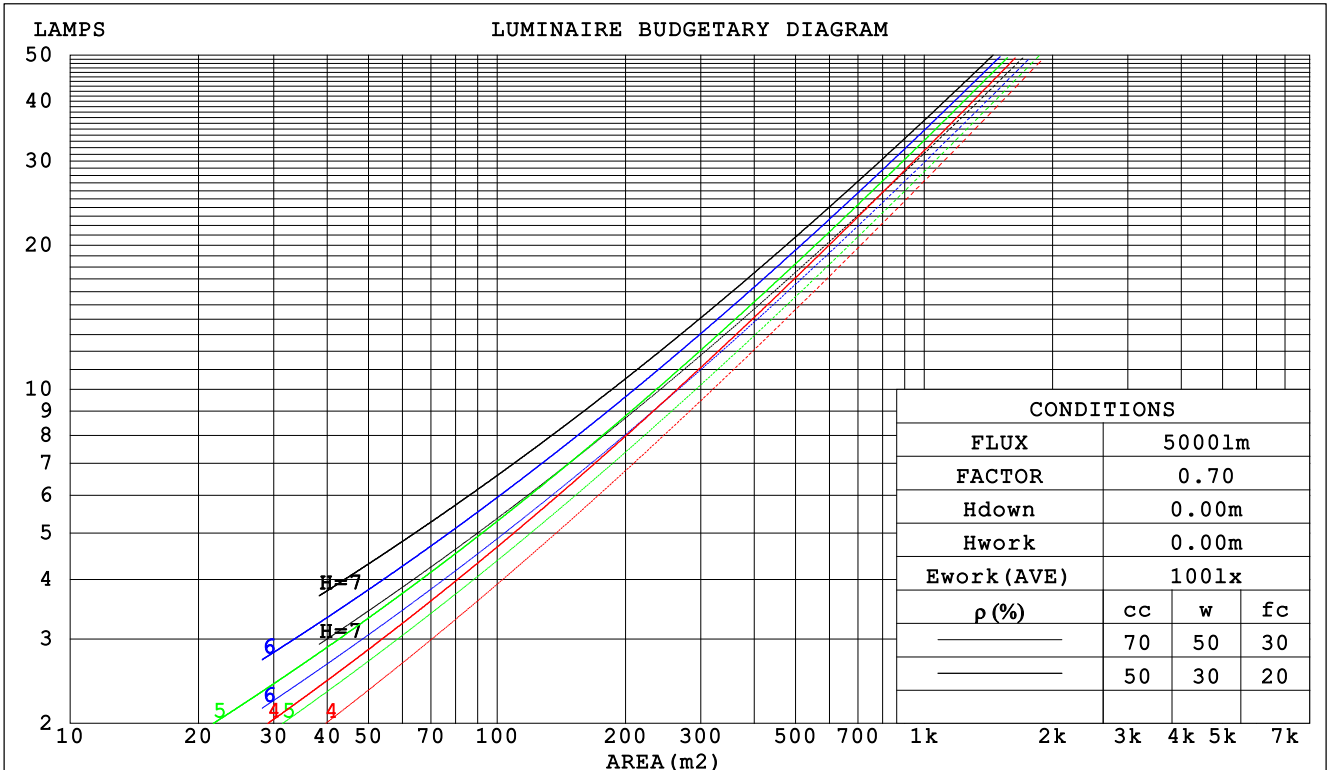
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	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						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	1.01	1.01	1.01	.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	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.53	.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	.44	.39	.37
8.0	.50	.42	.37	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.38	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.29	.28



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	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	.277	.158	.050	.270	.154	.049	.256	.147	.047	.243	.140	.045	.231	.134	.043	
2.0	.265	.145	.045	.258	.142	.044	.246	.137	.042	.235	.132	.041	.224	.127	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.231	.120	.035	.226	.118	.035	.216	.115	.034	.207	.111	.034	.199	.108	.033	
5.0	.215	.110	.032	.211	.108	.031	.202	.105	.031	.194	.102	.030	.186	.100	.030	
6.0	.201	.101	.029	.197	.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	.155	.080	.023	
9.0	.166	.080	.022	.163	.079	.022	.157	.078	.022	.152	.076	.022	.147	.075	.022	
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.144	.071	.020	.139	.070	.020	

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	.203	.203	.203	.174	.174	.174	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.191	.169	.150	.163	.145	.129	.112	.100	.089	.064	.058	.052	.021	.019	.017	
2.0	.181	.145	.114	.155	.125	.099	.106	.086	.069	.061	.050	.040	.020	.016	.013	
3.0	.173	.127	.090	.148	.110	.078	.102	.076	.055	.059	.044	.032	.019	.014	.011	
4.0	.165	.113	.074	.142	.098	.064	.098	.068	.045	.056	.040	.027	.018	.013	.009	
5.0	.158	.103	.062	.136	.089	.054	.093	.062	.038	.054	.037	.023	.017	.012	.007	
6.0	.151	.094	.054	.130	.082	.047	.089	.057	.033	.052	.034	.020	.017	.011	.007	
7.0	.144	.087	.048	.124	.076	.042	.086	.053	.029	.050	.031	.018	.016	.010	.006	
8.0	.138	.082	.043	.119	.071	.037	.082	.050	.027	.048	.029	.016	.015	.010	.005	
9.0	.132	.077	.039	.114	.067	.034	.079	.047	.024	.046	.028	.014	.015	.009	.005	
10.0	.127	.072	.036	.109	.063	.032	.076	.044	.022	.044	.026	.013	.014	.009	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm										
NAME: R771BC-12W-930-40-WH-3000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: AXG					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	27.4	28.8	27.6	29.0	29.2	27.3	28.7	27.6	29.0	29.2
3H	28.4	29.7	28.8	30.0	30.3	28.4	29.7	28.7	30.0	30.2
4H	28.8	30.0	29.1	30.3	30.6	28.8	30.0	29.1	30.3	30.6
6H	29.0	30.1	29.3	30.4	30.7	29.0	30.1	29.3	30.4	30.7
8H	29.0	30.1	29.4	30.4	30.8	29.0	30.1	29.4	30.4	30.7
12H	29.0	30.1	29.4	30.4	30.7	29.0	30.1	29.4	30.4	30.7
4H 2H	27.8	29.0	28.1	29.3	29.6	27.8	29.0	28.1	29.3	29.6
3H	29.1	30.1	29.4	30.4	30.8	29.0	30.1	29.4	30.4	30.8
4H	29.5	30.5	29.9	30.8	31.2	29.5	30.5	29.9	30.8	31.2
6H	29.8	30.7	30.2	31.0	31.4	29.8	30.6	30.2	31.0	31.4
8H	29.9	30.7	30.3	31.0	31.5	29.8	30.6	30.3	31.0	31.4
12H	29.9	30.6	30.3	31.0	31.5	29.9	30.6	30.3	31.0	31.4
8H 4H	29.7	30.5	30.1	30.8	31.3	29.6	30.4	30.1	30.8	31.2
6H	30.0	30.7	30.5	31.1	31.6	30.0	30.7	30.5	31.1	31.5
8H	30.1	30.7	30.6	31.2	31.6	30.1	30.7	30.6	31.1	31.6
12H	30.2	30.7	30.7	31.2	31.7	30.2	30.7	30.7	31.1	31.6
12H 4H	29.6	30.4	30.1	30.8	31.2	29.6	30.3	30.1	30.8	31.2
6H	30.0	30.6	30.5	31.1	31.5	30.0	30.6	30.5	31.0	31.5
8H	30.2	30.7	30.7	31.1	31.6	30.1	30.6	30.6	31.1	31.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117 Corrected 993.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.0)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

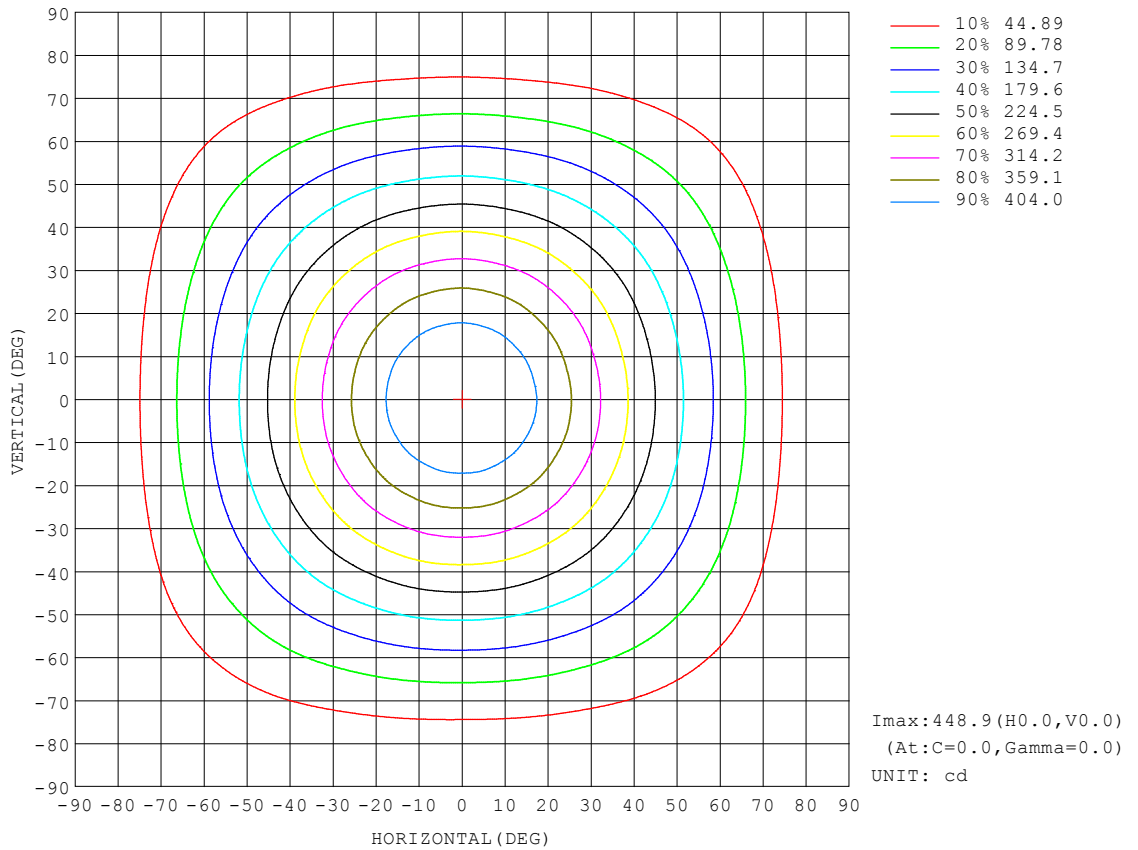
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	51	44	61	50	44	59	50	44	38
0.80	71	61	54	70	60	54	68	59	53	47
1.00	79	69	63	78	69	62	76	70	62	55
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	76	89	81	75	86	79	74	67
2.00	97	90	84	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	89	85	77
3.00	104	98	93	102	96	91	97	93	89	81
4.00	107	102	98	105	100	97	101	97	94	85
5.00	110	105	102	107	103	100	102	99	97	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:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

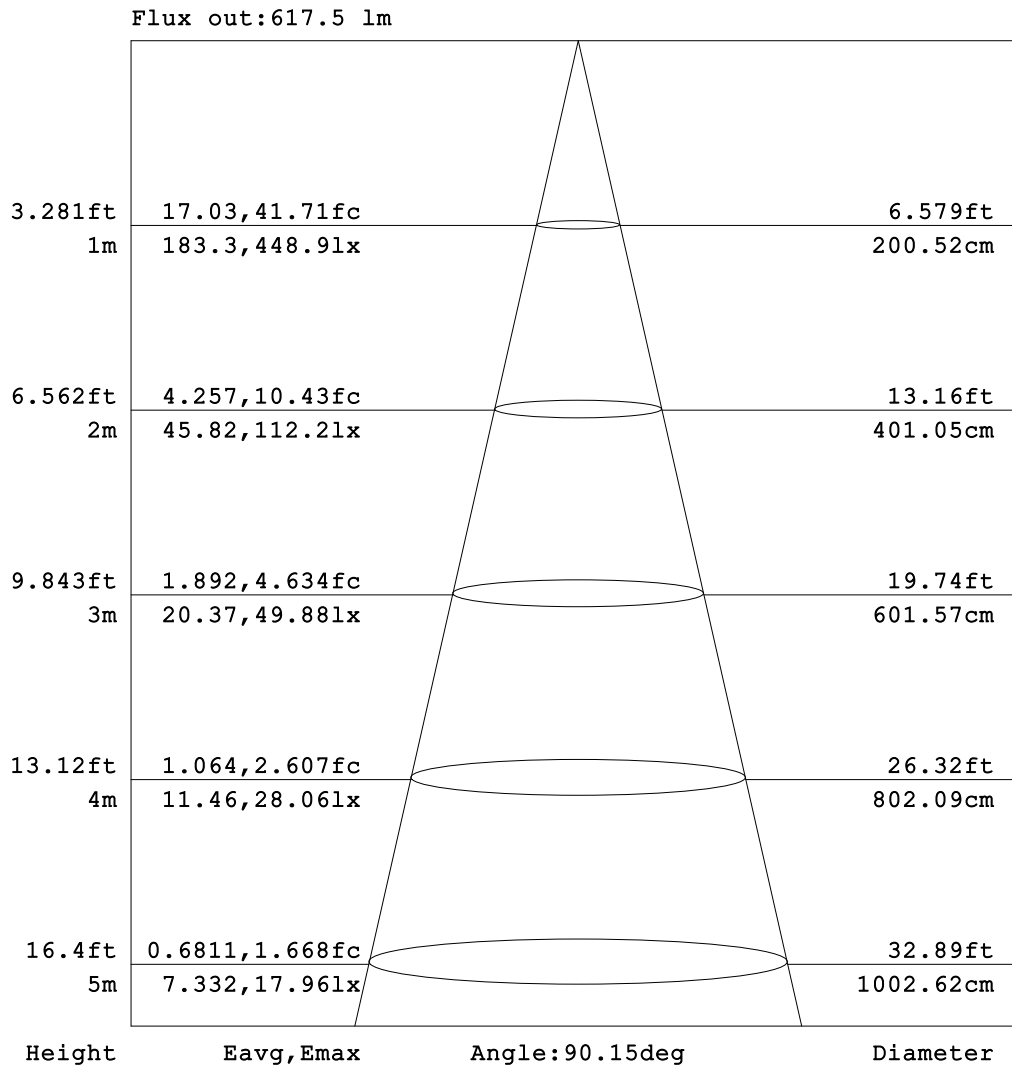


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:



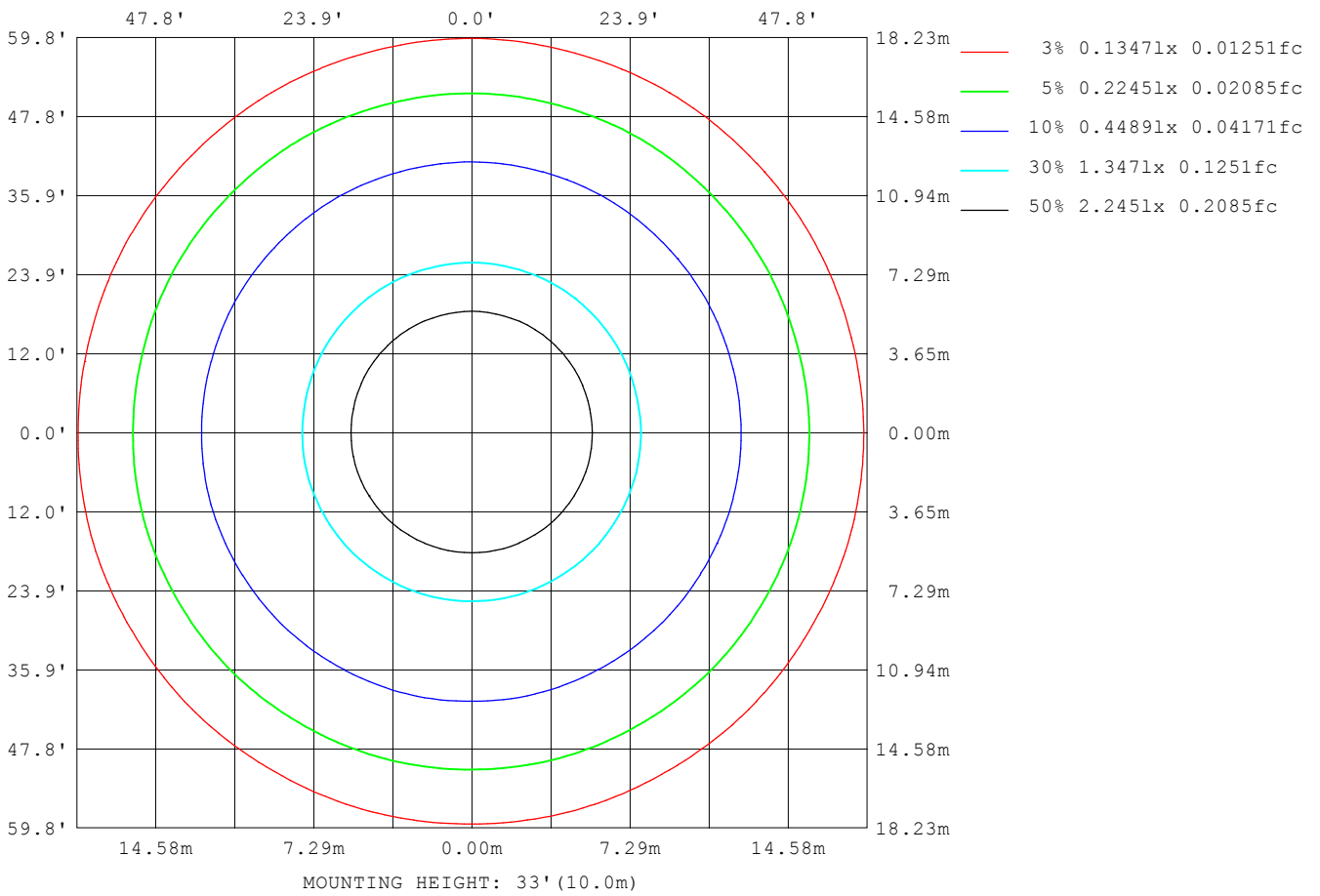
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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

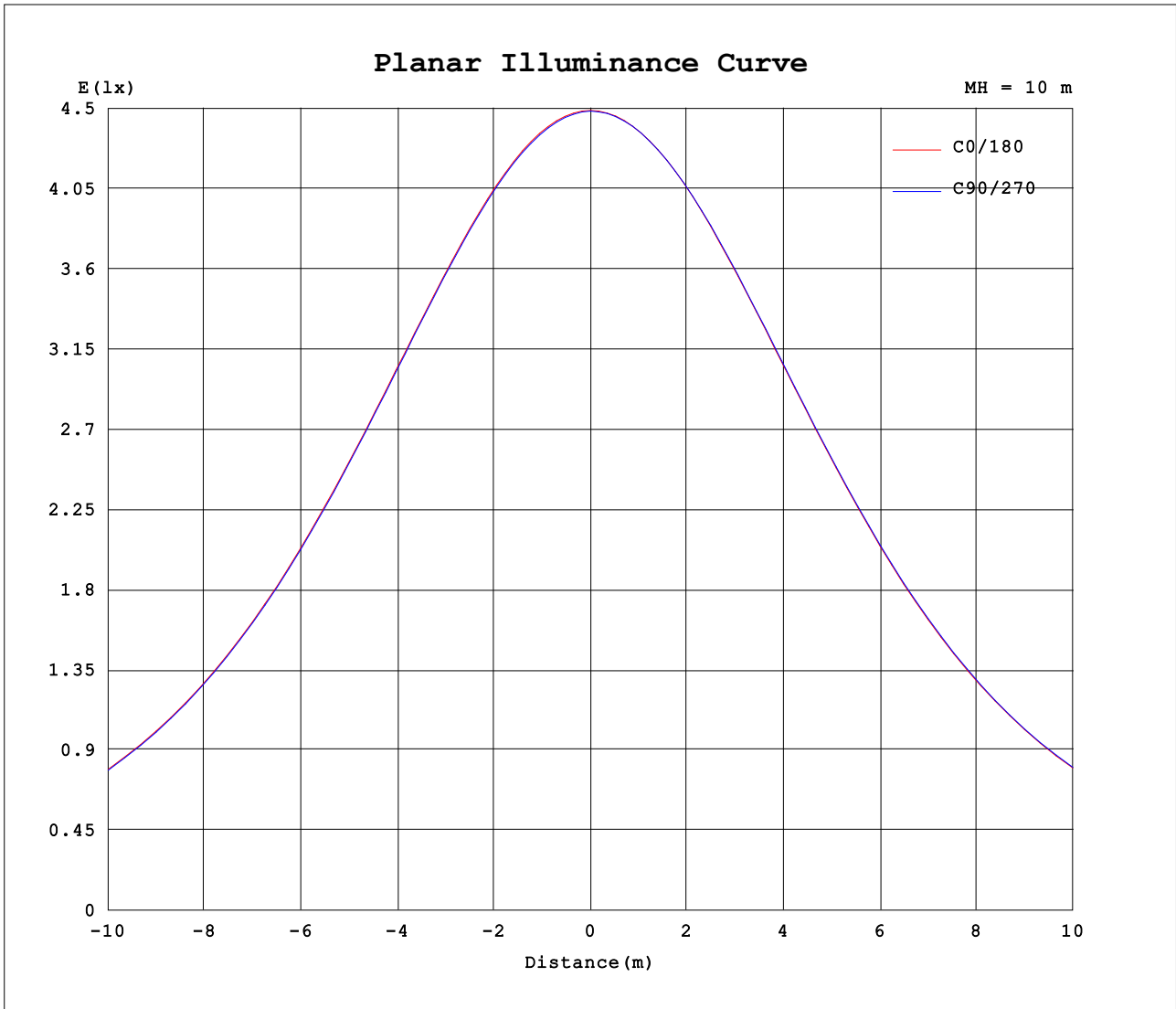
Test:U:240.3V I:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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: 2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	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	449	449	449	449	449	449	449	448	448	448	448	448	449	449	449	449	449	449	449
5	445	445	445	445	444	444	444	444	444	445	445	445	445	445	445	445	445	445	445
10	433	433	433	433	433	433	432	433	433	434	434	434	434	434	434	434	435	434	434
15	415	415	414	414	414	414	414	415	415	415	415	416	416	416	417	417	417	416	417
20	391	391	390	390	390	390	390	390	390	392	392	392	392	392	393	393	393	393	393
25	362	362	361	361	361	361	361	362	362	363	363	364	364	363	364	364	365	364	365
30	329	330	329	329	328	329	328	329	329	331	331	332	331	331	332	332	333	332	332
35	295	295	294	294	293	294	294	295	295	296	296	297	297	297	298	298	298	298	298
40	259	259	258	259	258	259	258	259	259	261	261	262	262	261	263	262	263	262	263
45	224	224	223	223	223	223	223	224	224	226	226	227	226	226	227	227	228	227	227
50	190	190	189	189	188	189	189	190	190	191	191	192	192	192	193	192	193	192	192
55	157	157	156	156	155	156	156	157	157	158	158	159	159	159	160	159	160	159	159
60	125	125	124	125	124	125	124	125	125	127	127	128	127	127	128	127	128	127	128
65	95.1	95.3	94.5	94.8	94.2	94.9	94.6	95.6	95.7	97.1	97.1	98.0	97.3	97.2	98.0	97.6	98.2	97.4	97.6
70	67.4	67.5	66.8	67.2	66.7	67.3	67.1	68.0	68.1	69.3	69.4	70.2	69.6	69.5	70.2	69.7	70.3	69.6	69.8
75	42.4	42.6	41.9	42.3	41.8	42.4	42.2	43.1	43.2	44.3	44.2	45.0	44.4	44.2	44.9	44.5	45.0	44.3	44.6
80	21.6	21.8	21.3	21.5	21.2	21.6	21.5	22.2	22.2	23.2	23.0	23.7	23.2	23.0	23.6	23.3	23.7	23.1	23.3
85	7.32	7.40	7.15	7.32	7.11	7.40	7.33	7.70	7.72	8.15	8.17	8.51	8.17	8.09	8.40	8.21	8.44	8.11	8.22
90	0.55	0.54	0.55	0.55	0.54	0.54	0.55	0.53	0.58	0.54	0.58	0.56	0.51	0.52	0.49	0.53	0.48	0.52	0.50
95	0.66	0.75	0.67	0.75	0.66	0.75	0.67	0.74	0.65	0.74	0.64	0.73	0.70	0.60	0.69	0.59	0.68	0.60	0.70
100	0.92	1.02	0.93	1.02	0.92	1.02	0.92	1.01	0.91	1.00	0.91	0.99	0.96	0.84	0.92	0.83	0.94	0.85	0.94
105	1.23	1.31	1.23	1.32	1.23	1.31	1.22	1.31	1.22	1.29	1.22	1.28	1.23	1.14	1.23	1.13	1.22	1.13	1.22
110	1.56	1.65	1.55	1.64	1.56	1.65	1.55	1.64	1.54	1.62	1.53	1.62	1.56	1.47	1.55	1.45	1.54	1.45	1.55
115	1.93	2.01	1.94	2.02	1.93	2.02	1.93	2.00	1.90	1.99	1.88	1.98	1.90	1.83	1.90	1.79	1.89	1.81	1.90
120	2.30	2.40	2.31	2.41	2.33	2.40	2.31	2.39	2.29	2.37	2.30	2.36	2.29	2.18	2.27	2.18	2.26	2.17	2.26
125	2.73	2.81	2.75	2.80	2.73	2.81	2.76	2.81	2.70	2.78	2.69	2.76	2.71	2.61	2.69	2.59	2.68	2.60	2.68
130	3.14	3.24	3.14	3.25	3.15	3.24	3.16	3.23	3.13	3.22	3.12	3.20	3.13	3.03	3.11	2.99	3.08	3.02	3.10
135	3.58	3.64	3.56	3.65	3.56	3.65	3.58	3.64	3.55	3.63	3.54	3.62	3.55	3.44	3.53	3.43	3.51	3.43	3.52
140	4.01	4.06	4.00	4.08	3.99	4.08	3.99	4.08	3.98	4.05	3.96	4.05	3.98	3.86	3.96	3.85	3.95	3.86	3.94
145	4.39	4.45	4.37	4.48	4.39	4.49	4.42	4.49	4.38	4.44	4.36	4.45	4.38	4.28	4.35	4.29	4.36	4.29	4.37
150	4.76	4.83	4.75	4.85	4.78	4.87	4.79	4.84	4.76	4.83	4.72	4.84	4.77	4.65	4.74	4.67	4.75	4.68	4.75
155	5.11	5.19	5.08	5.19	5.09	5.21	5.13	5.21	5.09	5.18	5.09	5.20	5.12	5.01	5.10	5.00	5.11	5.06	5.12
160	5.41	5.49	5.40	5.50	5.41	5.54	5.44	5.53	5.41	5.51	5.41	5.53	5.47	5.34	5.43	5.34	5.45	5.40	5.46
165	5.69	5.78	5.70	5.79	5.69	5.81	5.71	5.81	5.71	5.80	5.74	5.81	5.77	5.67	5.73	5.64	5.74	5.67	5.77
170	5.91	6.00	5.90	6.02	5.91	6.00	5.92	6.04	5.95	6.03	5.98	6.03	5.98	5.89	5.99	5.88	5.97	5.87	5.98
175	6.06	6.16	6.06	6.16	6.08	6.17	6.08	6.18	6.09	6.21	6.12	6.20	6.16	6.06	6.17	6.09	6.16	6.07	6.15
180	6.17	6.17	6.19	6.21	6.19	6.22	6.16	6.21	6.19	6.20	6.19	6.20	6.18	6.18	6.18	6.20	6.21	6.18	6.20

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

γ Range: 0 - 180DEG
 γ 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:0.0491A P:11.13W PF:0.9440 Lamp Flux:993.03x1 lm		
NAME: R771BC-12W-930-40-WH-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	448	448	448	448	448														
5	445	445	444	444	444														
10	434	434	433	433	433														
15	416	416	415	415	414														
20	392	392	391	391	390														
25	363	363	362	362	361														
30	331	331	330	330	328														
35	297	297	295	295	294														
40	261	261	260	260	258														
45	226	226	224	224	223														
50	191	191	190	190	189														
55	158	158	157	157	156														
60	126	126	125	125	124														
65	96.6	96.5	95.2	95.2	94.3														
70	68.7	68.7	67.5	67.5	66.6														
75	43.6	43.6	42.5	42.5	41.7														
80	22.5	22.5	21.7	21.7	21.1														
85	7.78	7.75	7.27	7.32	6.99														
90	0.50	0.50	0.50	0.51	0.53														
95	0.61	0.71	0.61	0.72	0.63														
100	0.85	0.94	0.88	0.96	0.92														
105	1.14	1.23	1.15	1.26	1.18														
110	1.46	1.56	1.50	1.58	1.52														
115	1.82	1.92	1.82	1.92	1.85														
120	2.18	2.28	2.20	2.32	2.23														
125	2.63	2.69	2.62	2.72	2.65														
130	3.01	3.11	3.04	3.14	3.07														
135	3.43	3.53	3.48	3.56	3.49														
140	3.86	3.96	3.88	3.98	3.90														
145	4.29	4.37	4.28	4.38	4.30														
150	4.67	4.76	4.65	4.76	4.68														
155	5.03	5.11	5.01	5.12	5.03														
160	5.39	5.44	5.35	5.44	5.39														
165	5.68	5.74	5.63	5.73	5.68														
170	5.87	5.97	5.87	5.97	5.88														
175	6.06	6.18	6.08	6.16	6.06														
180	6.18	6.21	6.18	6.20	6.18														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

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