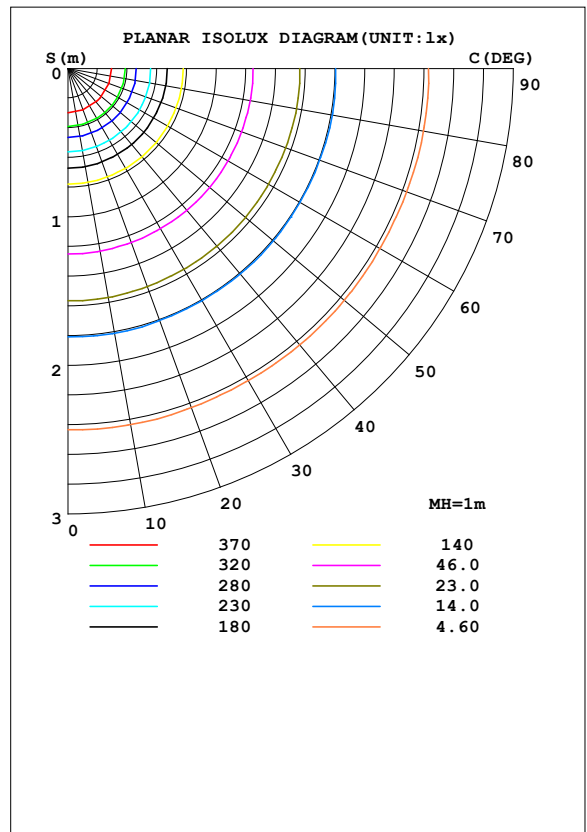
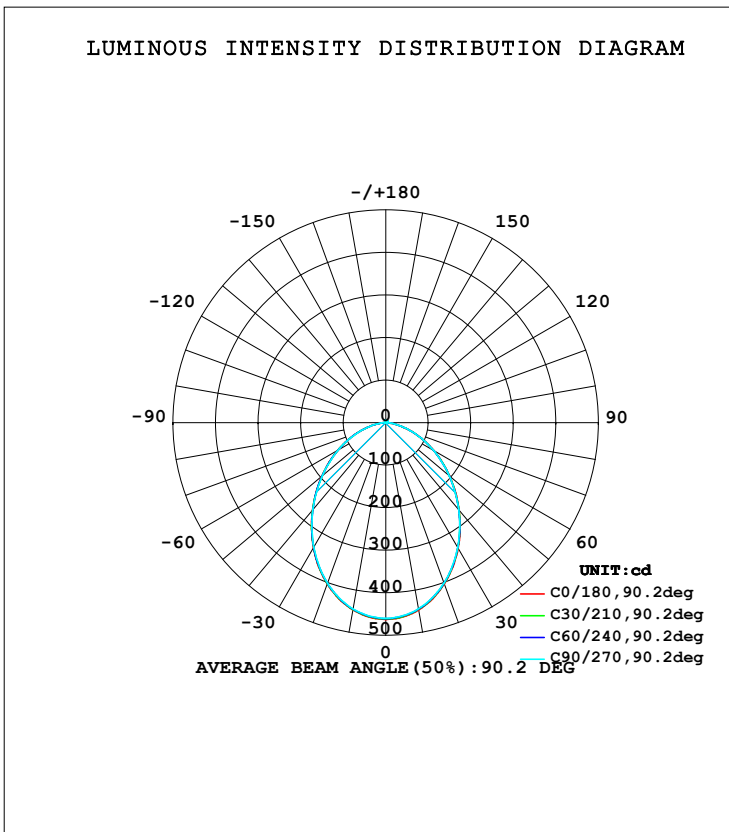


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.44 lm/W			
MODEL		I _{max} (cd)	462.5	S/MH (C0/180)	1.12
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.12
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	1018.9	η UP, DN (C0-180)	0.8, 49.3
NOMINAL FLUX (lm)	1018.95	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 49.1
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.4	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	447.0	445.6	444.2	444.3	447.0	445.4	444.4	443.1	0- 10	43.19	43.19	4.24,4.24
20	403.4	402.4	400.9	401.5	403.4	401.7	401.2	399.4	10- 20	119.8	163.0	16,16
30	340.5	339.9	338.5	339.5	340.3	338.8	338.5	336.5	20- 30	171.0	334.0	32.8,32.8
40	268.4	268.1	266.8	268.0	268.3	266.8	266.8	264.7	30- 40	189.6	523.6	51.4,51.4
50	196.4	196.2	195.3	196.7	196.5	195.3	195.2	193.3	40- 50	178.0	701.6	68.9,68.9
60	129.6	129.6	128.9	130.4	130.2	129.3	129.3	127.3	50- 60	144.6	846.2	83,83
70	70.16	70.14	69.85	71.43	71.26	70.82	70.72	68.81	60- 70	97.96	944.1	92.7,92.7
80	22.68	22.67	22.52	23.91	23.85	23.79	23.75	22.19	70- 80	47.79	991.9	97.3,97.3
90	0.5814	0.5511	0.5539	0.5513	0.5224	0.5441	0.5037	0.5368	80- 90	10.16	1002	98.3,98.3
100	0.9455	1.045	0.9360	1.015	0.9766	0.8983	0.9585	0.8881	90-100	0.7782	1003	98.4,98.4
110	1.612	1.683	1.584	1.664	1.624	1.514	1.614	1.524	100-110	1.337	1004	98.6,98.6
120	2.384	2.456	2.367	2.425	2.387	2.269	2.358	2.297	110-120	1.952	1006	98.7,98.7
130	3.245	3.316	3.215	3.286	3.258	3.119	3.209	3.120	120-130	2.492	1009	99,99
140	4.105	4.175	4.085	4.155	4.128	4.008	4.079	3.988	130-140	2.818	1011	99.3,99.3
150	4.927	4.966	4.917	4.939	4.939	4.830	4.910	4.810	140-150	2.816	1014	99.5,99.5
160	5.594	5.653	5.584	5.653	5.662	5.535	5.644	5.505	150-160	2.422	1017	99.8,99.8
170	6.106	6.184	6.067	6.194	6.203	6.067	6.145	6.029	160-170	1.659	1018	99.9,99.9
180	6.348	6.357	6.348	6.357	6.357	6.357	6.357	6.348	170-180	0.5959	1019	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

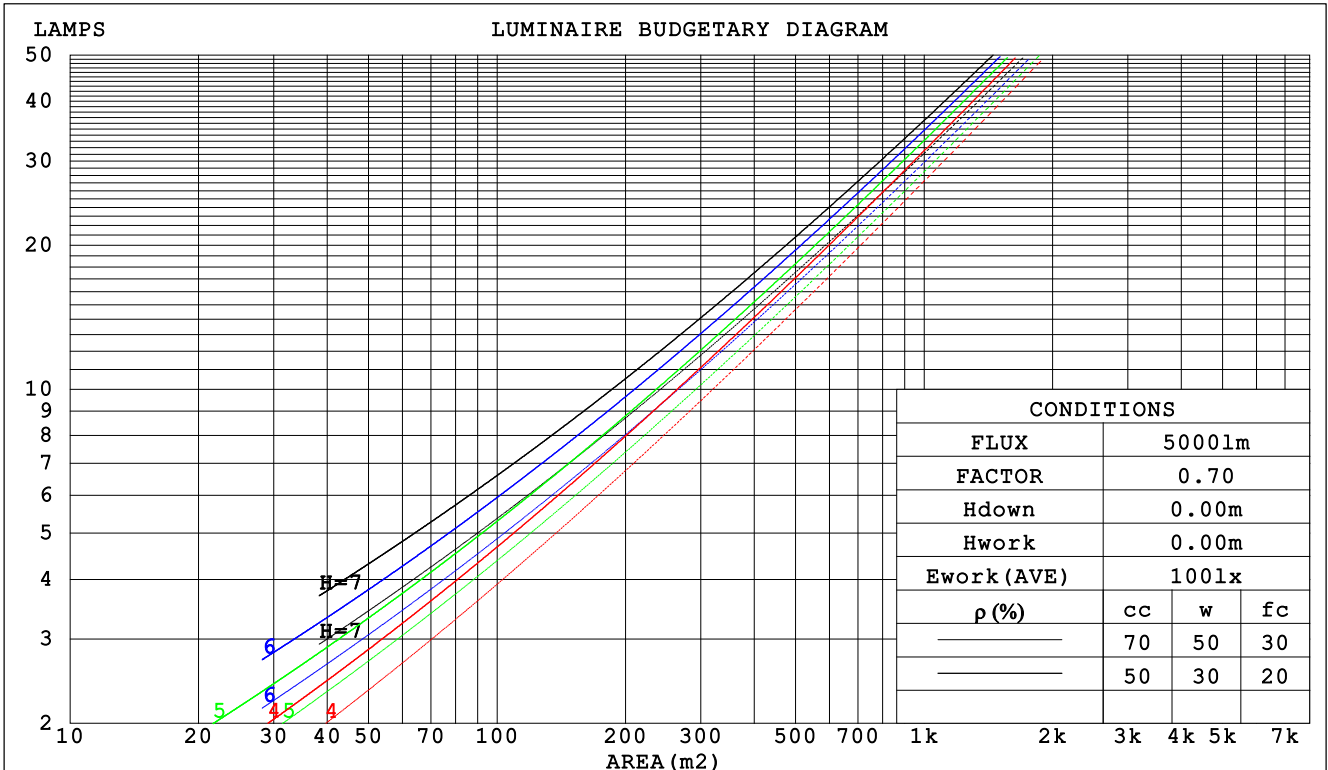
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2020-03-04

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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
ρw	0															
ρfc	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	.36	.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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	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	.043	.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	.107	.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	.114	.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	.088	.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	.015	.015	.009	.005	
10.0	.127	.073	.036	.109	.063	.032	.076	.044	.023	.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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm										
NAME: R771BC-12W-930-40-WH-4000K					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	27.5	28.9	27.8	29.2	29.4	27.5	28.9	27.8	29.1	29.4
3H	28.6	29.9	28.9	30.2	30.4	28.6	29.9	28.9	30.1	30.4
4H	29.0	30.2	29.3	30.5	30.8	29.0	30.2	29.3	30.5	30.7
6H	29.2	30.3	29.5	30.6	30.9	29.2	30.3	29.5	30.6	30.9
8H	29.2	30.3	29.6	30.6	30.9	29.2	30.3	29.5	30.6	30.9
12H	29.2	30.3	29.6	30.6	30.9	29.2	30.2	29.5	30.6	30.9
4H 2H	28.0	29.2	28.3	29.5	29.8	28.0	29.2	28.3	29.5	29.7
3H	29.2	30.3	29.6	30.6	31.0	29.2	30.3	29.6	30.6	30.9
4H	29.7	30.7	30.1	31.0	31.4	29.7	30.7	30.1	31.0	31.4
6H	30.0	30.8	30.4	31.2	31.6	30.0	30.8	30.4	31.2	31.6
8H	30.1	30.9	30.5	31.2	31.7	30.0	30.8	30.5	31.2	31.6
12H	30.1	30.8	30.5	31.2	31.7	30.0	30.8	30.5	31.2	31.6
8H 4H	29.8	30.6	30.3	31.0	31.5	29.8	30.6	30.3	31.0	31.4
6H	30.2	30.9	30.7	31.3	31.8	30.2	30.9	30.7	31.3	31.7
8H	30.3	30.9	30.8	31.4	31.8	30.3	30.9	30.8	31.3	31.8
12H	30.4	30.9	30.9	31.4	31.9	30.4	30.9	30.9	31.3	31.8
12H 4H	29.8	30.6	30.3	31.0	31.4	29.8	30.5	30.3	30.9	31.4
6H	30.2	30.8	30.7	31.3	31.7	30.2	30.8	30.7	31.2	31.7
8H	30.4	30.9	30.9	31.3	31.8	30.3	30.8	30.8	31.3	31.8
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 1019 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: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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

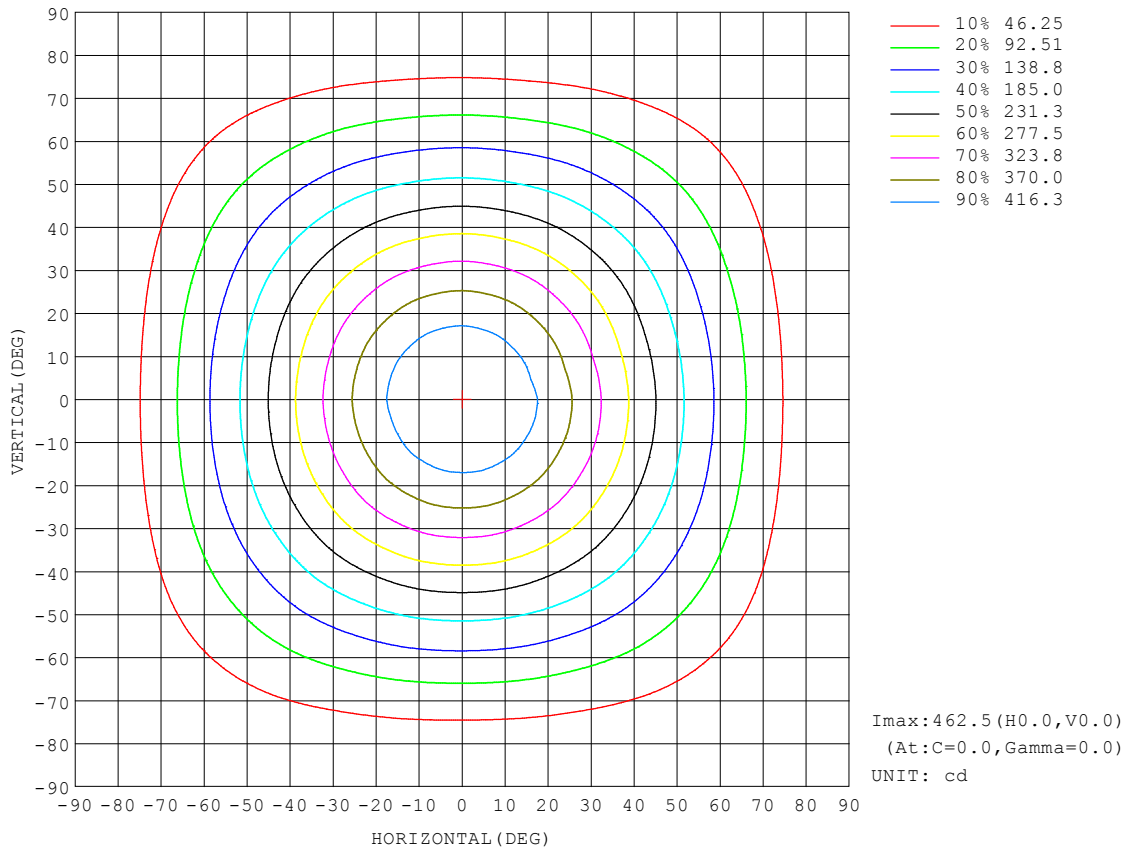
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	51	44	61	50	44	59	50	44	38
0.80	71	61	54	70	60	54	68	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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:

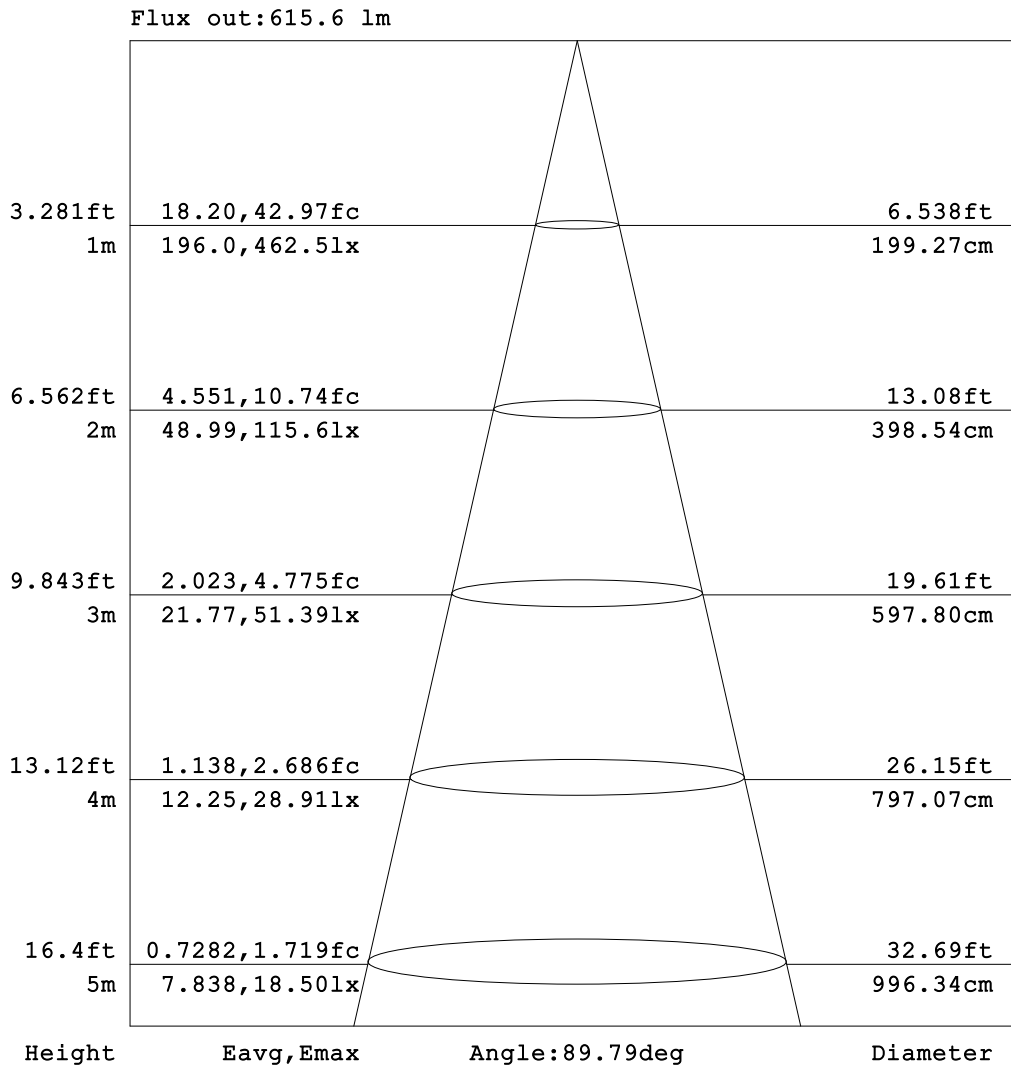


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2020-03-04

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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:



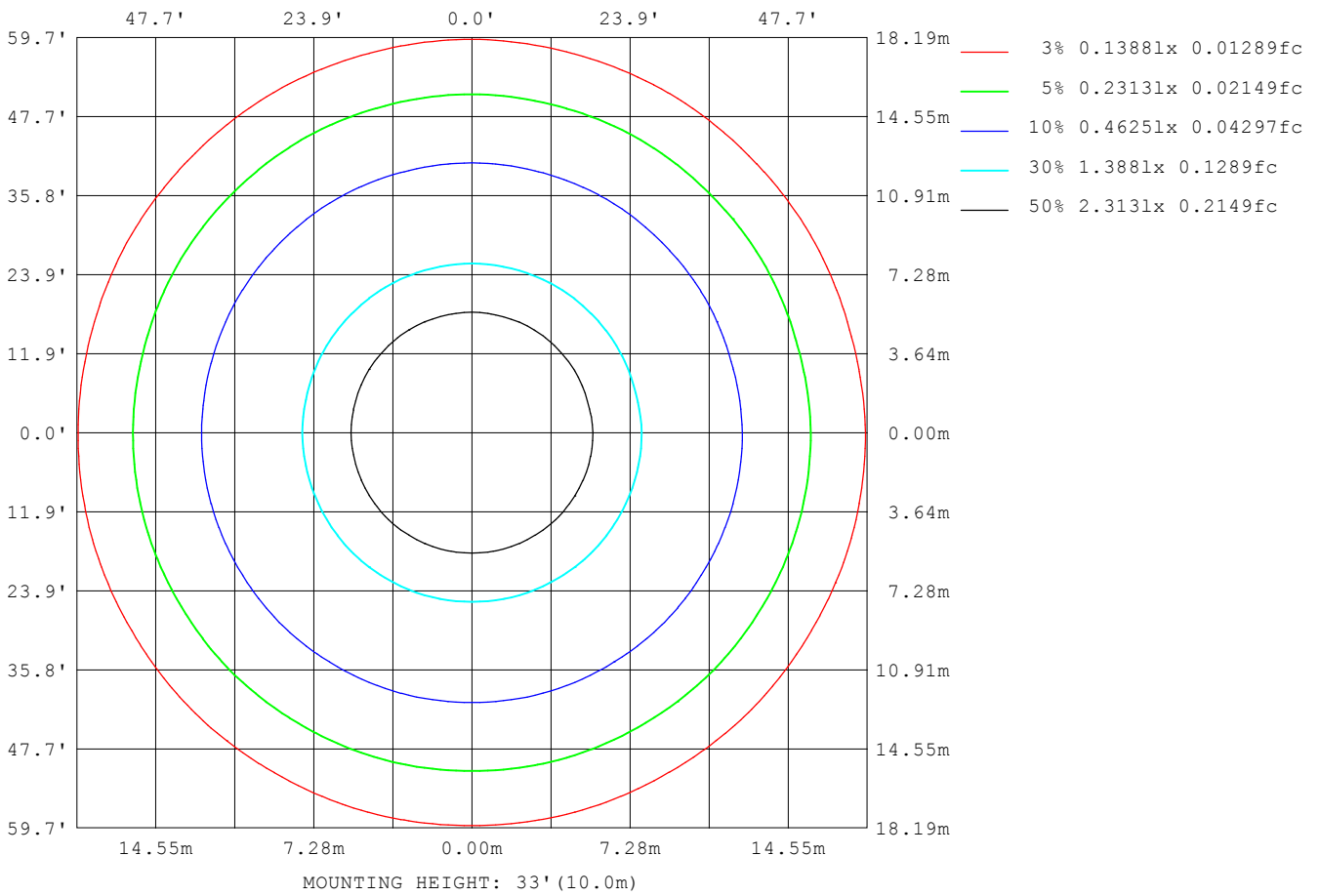
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

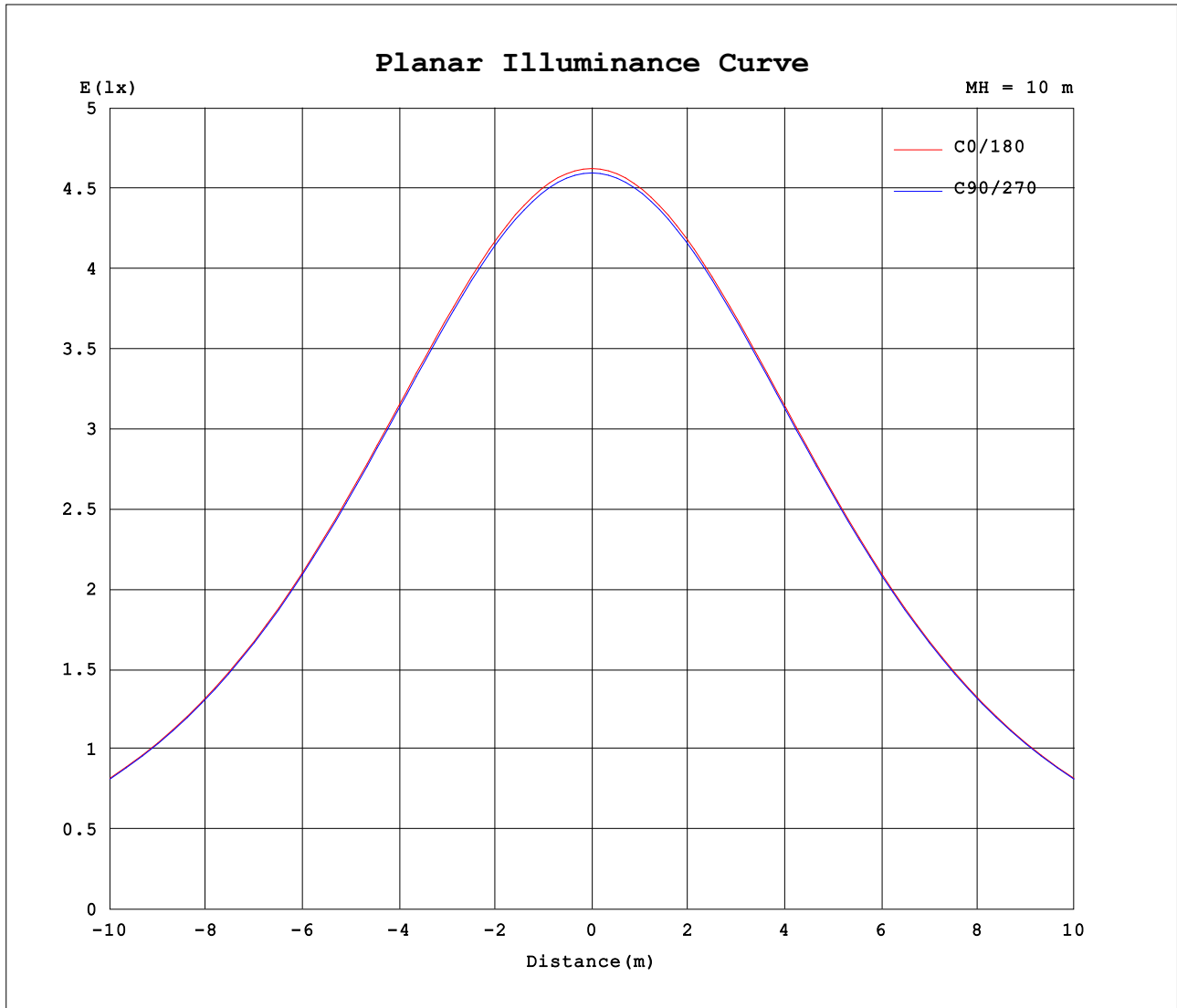
Test:U:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: AXG	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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 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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	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	463	462	462	461	461	460	460	459	459	459	459	459	463	462	462	461	461	460	460
5	459	458	458	457	457	456	456	456	455	455	455	455	458	458	458	457	457	456	456
10	447	447	446	446	445	445	444	444	444	444	444	444	447	446	446	445	445	445	444
15	428	428	427	427	426	426	426	426	425	426	425	426	428	427	427	427	427	426	426
20	403	403	402	402	401	402	401	401	401	401	401	401	403	402	403	402	402	401	401
25	374	374	373	373	372	372	372	372	372	372	372	372	374	373	373	372	372	372	372
30	340	341	340	340	339	339	339	339	339	339	339	339	340	339	340	339	339	338	339
35	305	305	304	304	304	304	303	304	303	304	303	304	305	304	304	303	304	303	303
40	268	269	268	268	267	268	267	268	267	268	267	268	268	267	268	267	267	266	267
45	232	232	231	232	231	231	231	231	231	232	231	232	232	231	231	231	231	230	230
50	196	197	196	196	195	196	195	196	196	197	196	196	196	196	196	195	196	195	195
55	162	163	162	162	161	162	161	162	162	163	162	163	163	162	162	162	162	161	161
60	130	130	129	130	129	129	129	130	129	130	130	130	130	129	130	129	130	129	129
65	98.8	99.2	98.3	98.8	98.1	98.7	98.3	99.1	98.8	99.9	99.4	100	99.6	99.1	99.7	99.0	99.5	98.6	98.8
70	70.2	70.5	69.7	70.1	69.6	70.2	69.8	70.6	70.5	71.4	71.0	71.7	71.3	70.8	71.4	70.8	71.3	70.5	70.7
75	44.3	44.5	43.9	44.3	43.8	44.3	44.1	44.9	44.8	45.7	45.4	46.0	45.5	45.2	45.8	45.3	45.7	45.0	45.3
80	22.7	22.9	22.4	22.7	22.2	22.8	22.5	23.2	23.1	23.9	23.7	24.3	23.8	23.6	24.1	23.8	24.2	23.6	23.7
85	7.62	7.72	7.45	7.62	7.42	7.68	7.59	7.94	7.99	8.45	8.37	8.82	8.44	8.32	8.65	8.45	8.68	8.33	8.40
90	0.58	0.54	0.56	0.55	0.56	0.55	0.55	0.54	0.56	0.55	0.60	0.58	0.52	0.55	0.53	0.54	0.52	0.53	0.50
95	0.69	0.76	0.68	0.77	0.69	0.77	0.68	0.75	0.66	0.75	0.67	0.74	0.72	0.63	0.72	0.62	0.72	0.62	0.72
100	0.95	1.04	0.94	1.04	0.95	1.02	0.94	1.03	0.93	1.01	0.93	1.02	0.98	0.90	0.98	0.90	0.97	0.88	0.96
105	1.26	1.34	1.25	1.34	1.26	1.34	1.25	1.32	1.24	1.32	1.23	1.32	1.28	1.20	1.27	1.21	1.27	1.18	1.27
110	1.61	1.68	1.59	1.68	1.59	1.68	1.58	1.67	1.57	1.66	1.57	1.66	1.62	1.53	1.61	1.51	1.61	1.52	1.61
115	1.98	2.06	1.99	2.05	1.98	2.06	1.97	2.04	1.97	2.03	1.95	2.04	2.00	1.88	1.98	1.87	1.96	1.87	1.96
120	2.38	2.46	2.37	2.46	2.37	2.44	2.37	2.43	2.36	2.43	2.34	2.43	2.39	2.28	2.37	2.27	2.36	2.28	2.36
125	2.82	2.88	2.79	2.87	2.78	2.88	2.78	2.86	2.75	2.84	2.76	2.85	2.81	2.71	2.78	2.70	2.77	2.69	2.77
130	3.24	3.32	3.23	3.32	3.22	3.31	3.22	3.30	3.21	3.29	3.20	3.30	3.26	3.14	3.22	3.12	3.21	3.12	3.21
135	3.69	3.75	3.65	3.75	3.65	3.74	3.65	3.73	3.64	3.73	3.63	3.72	3.68	3.58	3.66	3.55	3.65	3.55	3.64
140	4.11	4.17	4.10	4.18	4.11	4.17	4.09	4.17	4.10	4.16	4.06	4.16	4.13	4.02	4.10	4.01	4.09	4.01	4.08
145	4.53	4.58	4.49	4.59	4.49	4.60	4.51	4.58	4.48	4.56	4.47	4.58	4.54	4.44	4.52	4.43	4.52	4.44	4.52
150	4.93	4.98	4.88	4.97	4.90	5.00	4.92	4.98	4.87	4.94	4.87	4.97	4.94	4.82	4.90	4.83	4.92	4.83	4.91
155	5.25	5.34	5.22	5.32	5.24	5.35	5.26	5.34	5.23	5.30	5.26	5.33	5.30	5.19	5.28	5.19	5.29	5.23	5.30
160	5.59	5.68	5.55	5.65	5.57	5.67	5.58	5.66	5.55	5.65	5.56	5.67	5.66	5.55	5.63	5.54	5.63	5.54	5.64
165	5.86	5.97	5.87	5.94	5.86	5.96	5.87	5.96	5.86	5.94	5.86	5.95	5.96	5.85	5.94	5.84	5.93	5.85	5.95
170	6.11	6.19	6.07	6.18	6.09	6.18	6.07	6.18	6.08	6.19	6.10	6.19	6.20	6.09	6.18	6.07	6.16	6.06	6.15
175	6.25	6.36	6.30	6.36	6.30	6.34	6.28	6.34	6.25	6.36	6.32	6.34	6.36	6.34	6.36	6.29	6.35	6.23	6.34
180	6.35	6.37	6.36	6.36	6.35	6.35	6.35	6.37	6.35	6.36	6.35	6.38	6.36	6.34	6.35	6.36	6.36	6.35	6.36

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:240.4V I:0.0491A P:11.14W PF:0.9442 Lamp Flux:1018.95x1 lm		
NAME: R771BC-12W-930-40-WH-4000K	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	459	459	459	459	459														
5	455	455	455	455	455														
10	444	444	443	443	443														
15	425	425	424	424	424														
20	400	400	399	400	399														
25	371	371	370	370	369														
30	338	338	337	337	336														
35	302	302	301	302	301														
40	266	266	265	265	265														
45	229	230	229	229	228														
50	194	194	193	194	193														
55	160	161	160	160	159														
60	128	128	127	128	127														
65	97.9	98.0	97.0	97.4	96.8														
70	69.8	69.9	68.8	69.2	68.4														
75	44.3	44.4	43.4	43.6	42.9														
80	22.9	23.0	22.2	22.4	21.8														
85	7.97	7.92	7.45	7.52	7.18														
90	0.53	0.51	0.54	0.54	0.54														
95	0.62	0.72	0.65	0.73	0.66														
100	0.89	0.98	0.89	0.99	0.90														
105	1.21	1.27	1.22	1.29	1.22														
110	1.51	1.61	1.52	1.61	1.54														
115	1.88	1.96	1.88	1.97	1.90														
120	2.28	2.35	2.30	2.37	2.30														
125	2.67	2.77	2.70	2.79	2.71														
130	3.11	3.20	3.12	3.20	3.13														
135	3.55	3.63	3.55	3.65	3.55														
140	3.99	4.09	3.99	4.09	3.99														
145	4.41	4.50	4.41	4.50	4.41														
150	4.81	4.90	4.81	4.88	4.79														
155	5.18	5.26	5.16	5.25	5.15														
160	5.54	5.60	5.51	5.58	5.51														
165	5.84	5.89	5.80	5.88	5.80														
170	6.05	6.15	6.03	6.13	6.05														
175	6.22	6.34	6.24	6.32	6.21														
180	6.36	6.37	6.35	6.37	6.35														

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: