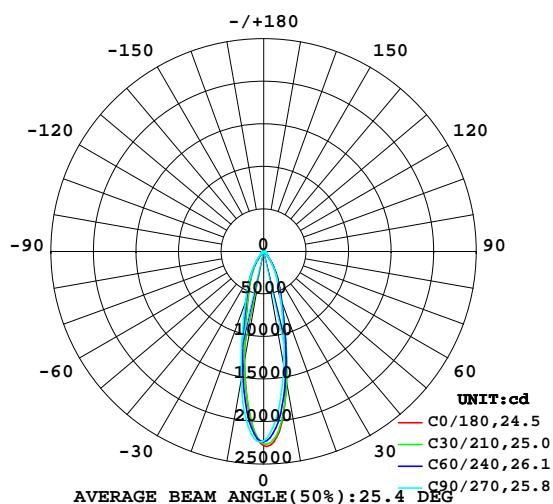


LUMINAIRE PHOTOMETRIC TEST REPORT

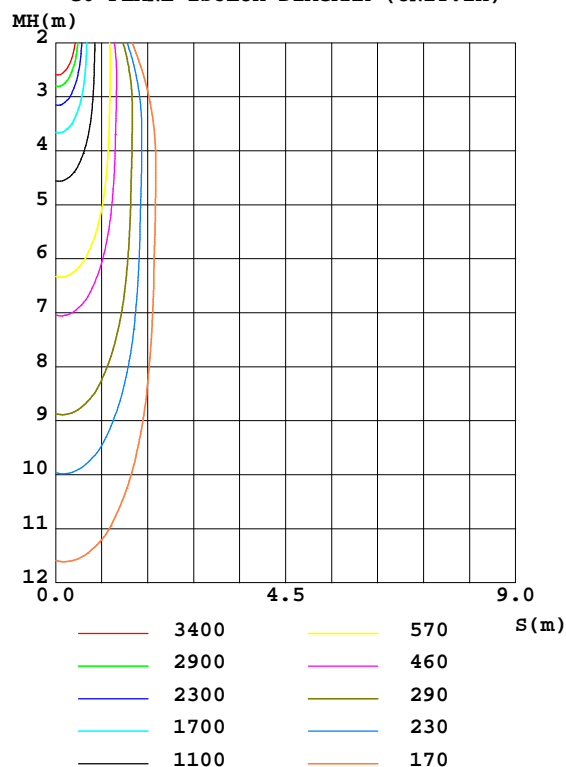
Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.39 lm/W			
MODEL		Imax(cd)	22922	S/MH(C0/180)	0.44
NOMINAL POWER(W)	70	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8327.4	η UP,DN(C0-180)	1.6,46.7
NOMINAL FLUX(lm)	8327.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,50.0
LAMPS INSIDE	1	η up(%)	3.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	96.7	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.000m [K=0.7063]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

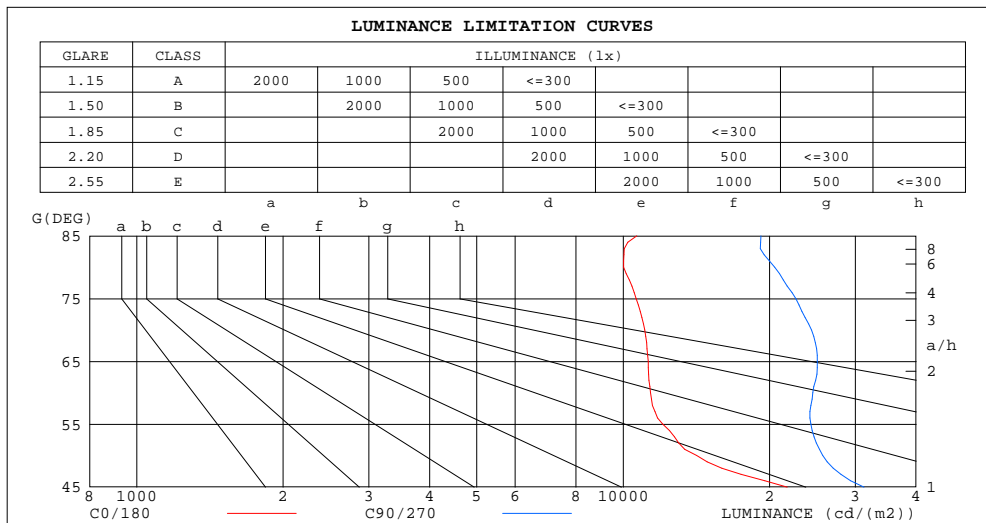
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1548	1528	1366	1221	1306	1367	1517	1650	0- 10	1721	1721	20.7,20.7
20	586.2	616.8	575.7	526.8	521.2	562.3	624.1	675.6	10- 20	2562	4283	51.4,51.4
30	275.4	284.8	258.3	232.0	246.0	264.6	290.7	316.8	20- 30	1873	6156	73.9,73.9
40	81.90	87.43	88.74	66.44	72.83	81.54	102.2	101.4	30- 40	1027	7183	86.3,86.3
50	22.74	26.79	41.33	22.55	24.67	28.62	45.45	29.99	40- 50	376.7	7560	90.8,90.8
60	14.23	16.28	30.69	14.53	15.37	18.35	32.44	16.91	50- 60	204.8	7765	93.2,93.2
70	9.470	11.14	20.86	9.586	10.25	12.39	21.08	11.94	60- 70	156.3	7921	95.1,95.1
80	4.353	5.388	8.892	4.117	5.069	5.932	9.275	6.491	70- 80	97.53	8019	96.3,96.3
90	0.9928	1.013	0.8565	0.8185	2.154	2.036	1.907	2.107	80- 90	36.72	8056	96.7,96.7
100	1.175	1.106	1.231	1.221	2.331	2.210	2.153	2.084	90-100	16.56	8072	96.9,96.9
110	1.865	1.839	2.063	2.055	2.798	2.691	2.624	2.500	100-110	20.65	8093	97.2,97.2
120	3.092	3.023	3.266	3.379	3.740	3.564	3.425	3.280	110-120	27.50	8120	97.5,97.5
130	4.825	4.664	4.772	5.085	4.974	4.857	4.606	4.460	120-130	35.99	8156	97.9,97.9
140	6.723	6.481	6.424	6.891	6.774	6.570	6.089	5.995	130-140	43.25	8200	98.5,98.5
150	8.655	8.278	7.998	8.689	8.830	8.472	7.642	7.739	140-150	46.24	8246	99,99
160	10.47	9.703	9.310	10.27	10.46	10.10	9.055	9.256	150-160	41.86	8288	99.5,99.5
170	11.61	10.43	10.60	11.29	11.24	11.01	10.42	10.29	160-170	29.30	8317	99.9,99.9
180	11.18	11.08	11.42	11.27	11.25	11.08	11.39	11.28	170-180	10.48	8327	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.000m [K=0.7063]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	10658	19196
80	10027	20482
75	10635	22655
70	11075	24397
65	11256	25059
60	11382	24550
55	12053	24321
50	14153	25716
45	21732	31260

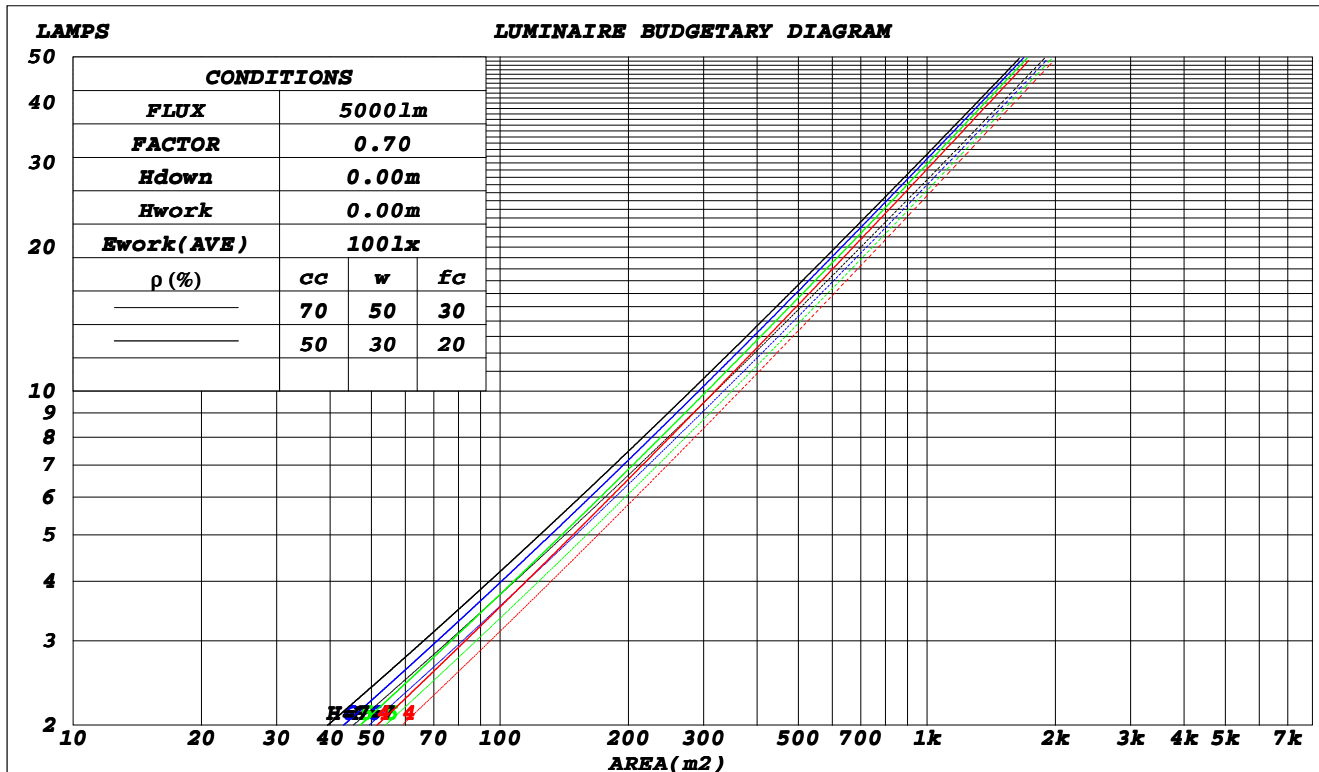
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.98	.97	.96	.94	.93	.92	.90
2.0	1.02	.98	.95	1.00	.97	.94	.97	.94	.91	.93	.91	.89	.90	.88	.86	.84
3.0	.96	.91	.87	.94	.90	.86	.91	.87	.84	.88	.85	.83	.86	.83	.81	.79
4.0	.90	.85	.81	.89	.84	.80	.86	.82	.79	.84	.80	.78	.82	.79	.76	.75
5.0	.85	.80	.75	.84	.79	.75	.82	.77	.74	.80	.76	.73	.78	.75	.72	.71
6.0	.81	.75	.71	.80	.74	.71	.78	.73	.70	.76	.72	.69	.75	.71	.68	.67
7.0	.77	.71	.67	.76	.71	.67	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.70	.64	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58
10.0	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.63	.60	.57	.56



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7063]
 Remarks:

WEC AND CCEC

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.182	.103	.033	.174	.099	.032	.160	.092	.029	.147	.084	.027	.134	.078	.025		
2.0	.171	.093	.029	.164	.090	.028	.152	.084	.026	.140	.079	.025	.130	.073	.023		
3.0	.160	.085	.025	.154	.082	.025	.143	.078	.024	.134	.073	.022	.124	.069	.021		
4.0	.150	.078	.023	.145	.076	.022	.136	.072	.021	.127	.068	.021	.119	.065	.020		
5.0	.141	.072	.021	.137	.070	.020	.129	.067	.020	.121	.064	.019	.114	.061	.018		
6.0	.133	.067	.019	.129	.065	.019	.122	.063	.018	.116	.060	.018	.109	.058	.017		
7.0	.126	.062	.018	.123	.061	.017	.116	.059	.017	.110	.057	.016	.105	.054	.016		
8.0	.120	.059	.016	.117	.058	.016	.111	.056	.016	.106	.054	.015	.101	.052	.015		
9.0	.114	.055	.015	.112	.054	.015	.106	.053	.015	.101	.051	.015	.097	.049	.014		
10.0	.109	.052	.015	.107	.051	.014	.102	.050	.014	.097	.048	.014	.093	.047	.013		

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	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.215	.215	.215	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.197	.182	.170	.168	.156	.146	.115	.108	.101	.066	.062	.059	.021	.020	.019	
2.0	.181	.158	.138	.155	.136	.119	.106	.094	.083	.061	.055	.049	.020	.018	.016	
3.0	.169	.139	.115	.145	.120	.100	.099	.083	.070	.057	.049	.041	.018	.016	.014	
4.0	.158	.124	.099	.135	.107	.086	.093	.075	.060	.054	.044	.036	.017	.014	.012	
5.0	.149	.113	.086	.128	.097	.075	.088	.068	.053	.051	.040	.031	.016	.013	.010	
6.0	.141	.103	.076	.121	.089	.067	.083	.063	.047	.048	.037	.028	.016	.012	.009	
7.0	.134	.096	.069	.115	.083	.060	.079	.058	.043	.046	.034	.025	.015	.011	.008	
8.0	.128	.089	.063	.110	.077	.055	.076	.054	.039	.044	.032	.023	.014	.011	.008	
9.0	.122	.084	.058	.105	.073	.051	.073	.051	.036	.042	.030	.021	.014	.010	.007	
10.0	.117	.079	.054	.101	.069	.047	.070	.049	.034	.041	.029	.020	.013	.009	.007	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm										
NAME: LC-LL1603-70W-Narrow 30°					TYPE:LED					
MFR.: LOW-CARBON					DIM.: 1210*40*95mm					
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	18.2	19.1	18.5	19.3	19.5	19.5	20.4	19.8	20.6	20.8
3H	18.8	19.6	19.1	19.8	20.1	20.7	21.5	21.0	21.8	22.0
4H	19.0	19.8	19.4	20.1	20.4	21.3	22.1	21.6	22.3	22.6
6H	19.3	20.0	19.6	20.3	20.6	21.8	22.5	22.1	22.8	23.1
8H	19.3	20.0	19.7	20.4	20.7	21.9	22.6	22.3	22.9	23.2
12H	19.4	20.1	19.8	20.4	20.7	22.0	22.7	22.4	23.0	23.4
4H 2H	18.4	19.1	18.7	19.4	19.7	19.5	20.3	19.8	20.6	20.8
3H	19.1	19.8	19.5	20.1	20.5	20.9	21.5	21.2	21.9	22.2
4H	19.6	20.2	20.0	20.5	20.9	21.6	22.2	22.0	22.5	22.9
6H	19.9	20.5	20.3	20.8	21.3	22.2	22.7	22.6	23.1	23.5
8H	20.1	20.6	20.5	21.0	21.4	22.4	22.9	22.9	23.3	23.8
12H	20.2	20.6	20.6	21.1	21.5	22.6	23.1	23.1	23.5	23.9
8H 4H	19.7	20.2	20.2	20.7	21.1	21.6	22.1	22.1	22.5	23.0
6H	20.3	20.7	20.7	21.1	21.6	22.3	22.7	22.8	23.2	23.7
8H	20.5	20.8	21.0	21.3	21.8	22.6	23.0	23.1	23.5	24.0
12H	20.7	21.0	21.2	21.5	22.0	22.9	23.2	23.4	23.7	24.2
12H 4H	19.8	20.2	20.2	20.6	21.1	21.6	22.0	22.0	22.5	22.9
6H	20.3	20.7	20.8	21.1	21.7	22.3	22.7	22.8	23.2	23.7
8H	20.6	20.9	21.1	21.4	21.9	22.6	23.0	23.2	23.5	24.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.1					+ 0.6 / - 0.6				
1.5H	+ 2.5 / - 1.1					+ 1.4 / - 0.8				
2.0H	+ 0.8 / - 0.5					+ 1.0 / - 0.8				

CIE Pub.117, 8327 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.4$)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

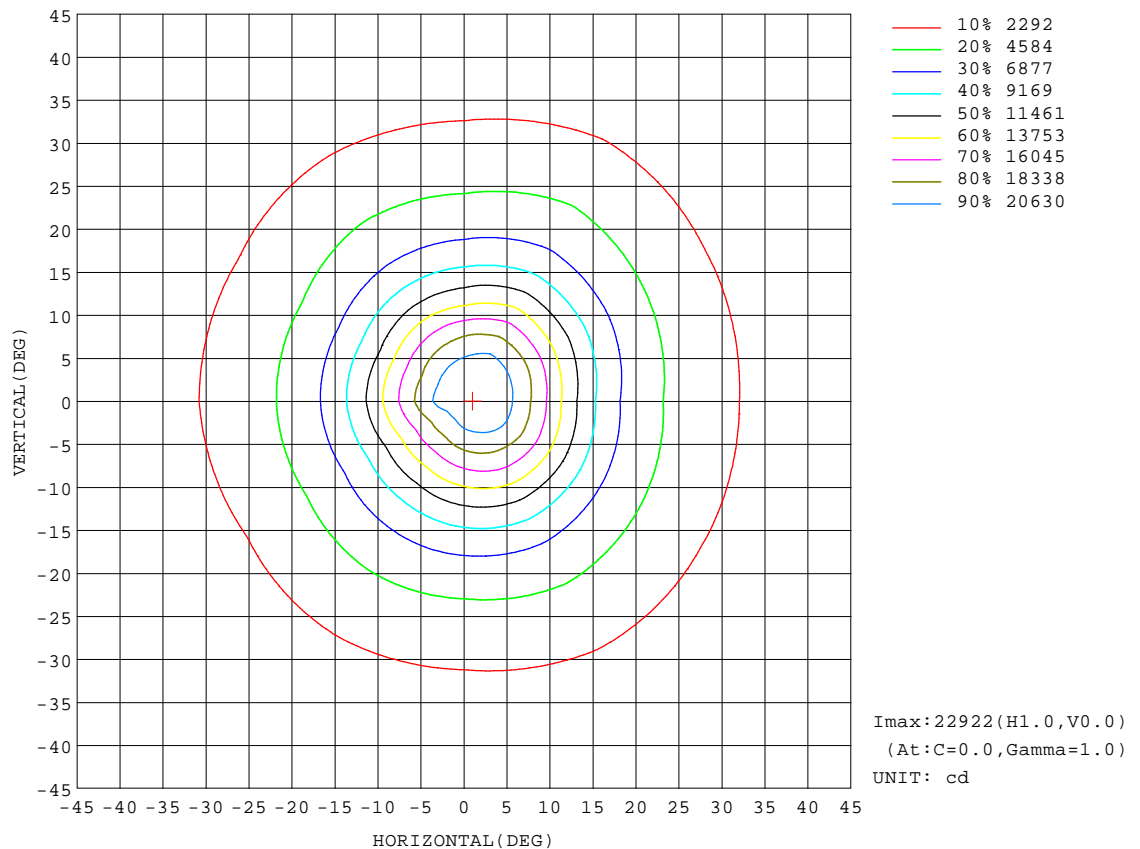
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	72	68
0.80	91	84	80	90	84	80	88	83	79	75
1.00	95	89	85	94	89	85	92	88	84	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	107	104	101	103	101	99	91
4.00	112	109	106	109	107	104	105	103	101	93
5.00	113	111	109	111	109	107	106	105	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	



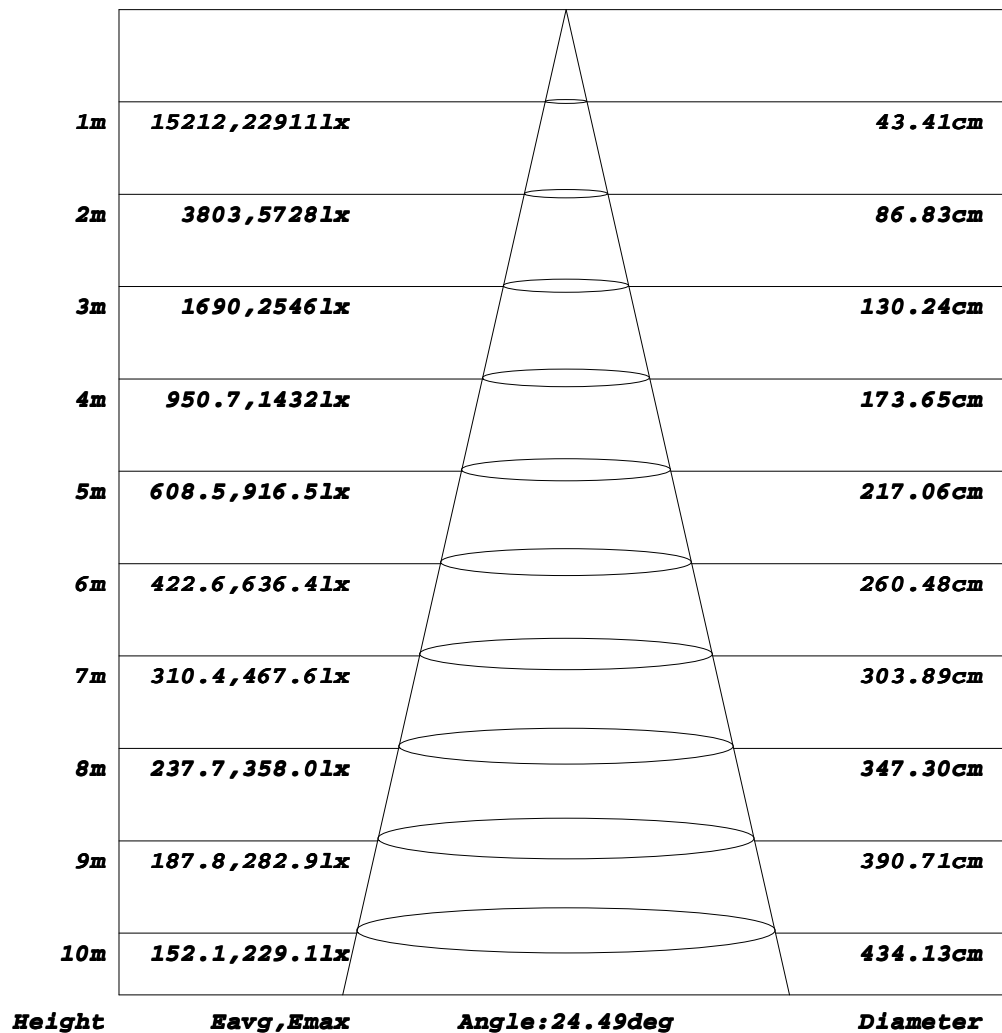
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

AAI Figure

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

Flux out:2547 lm



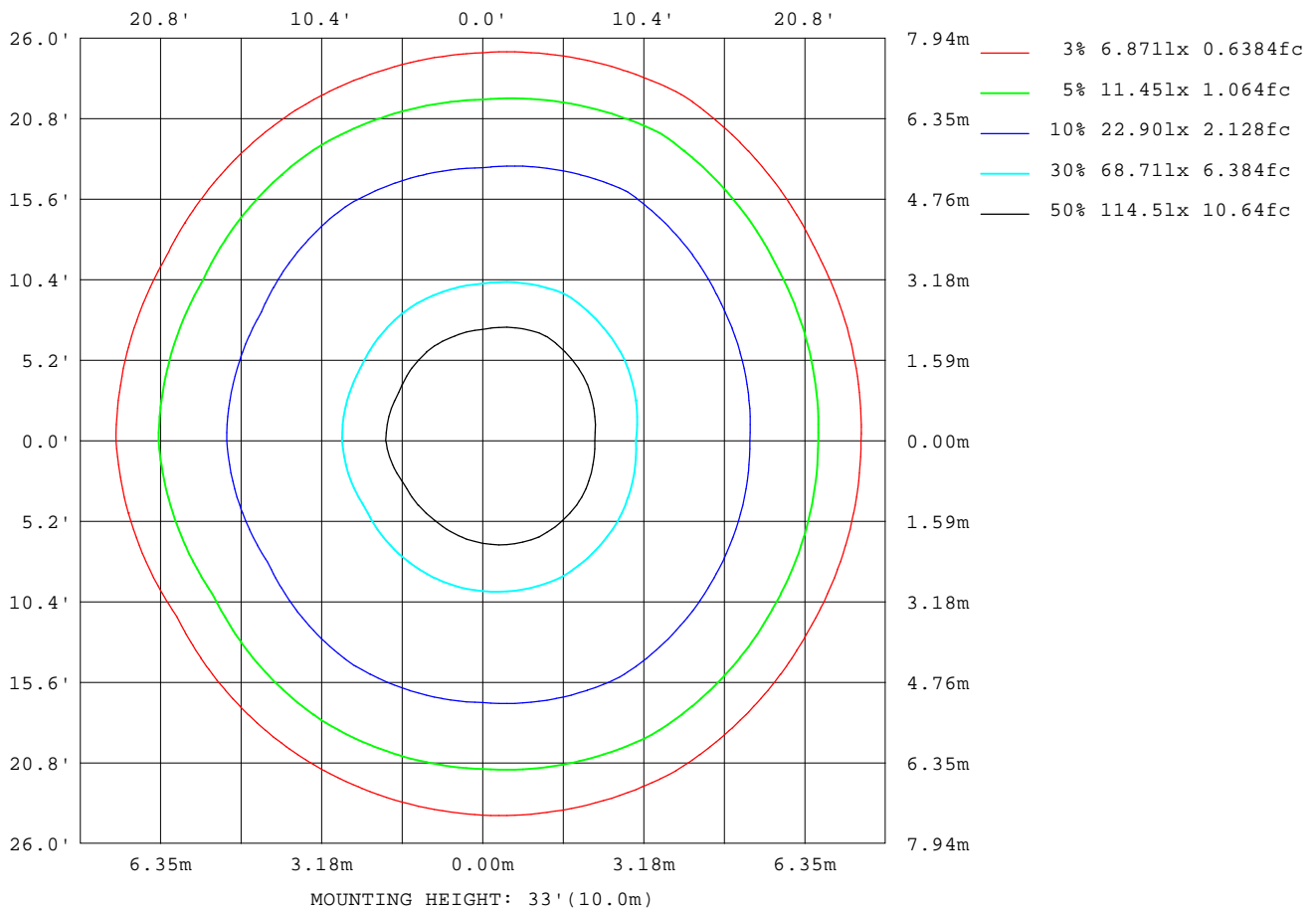
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7063]
 Remarks:

ISOLUX DIAGRAM

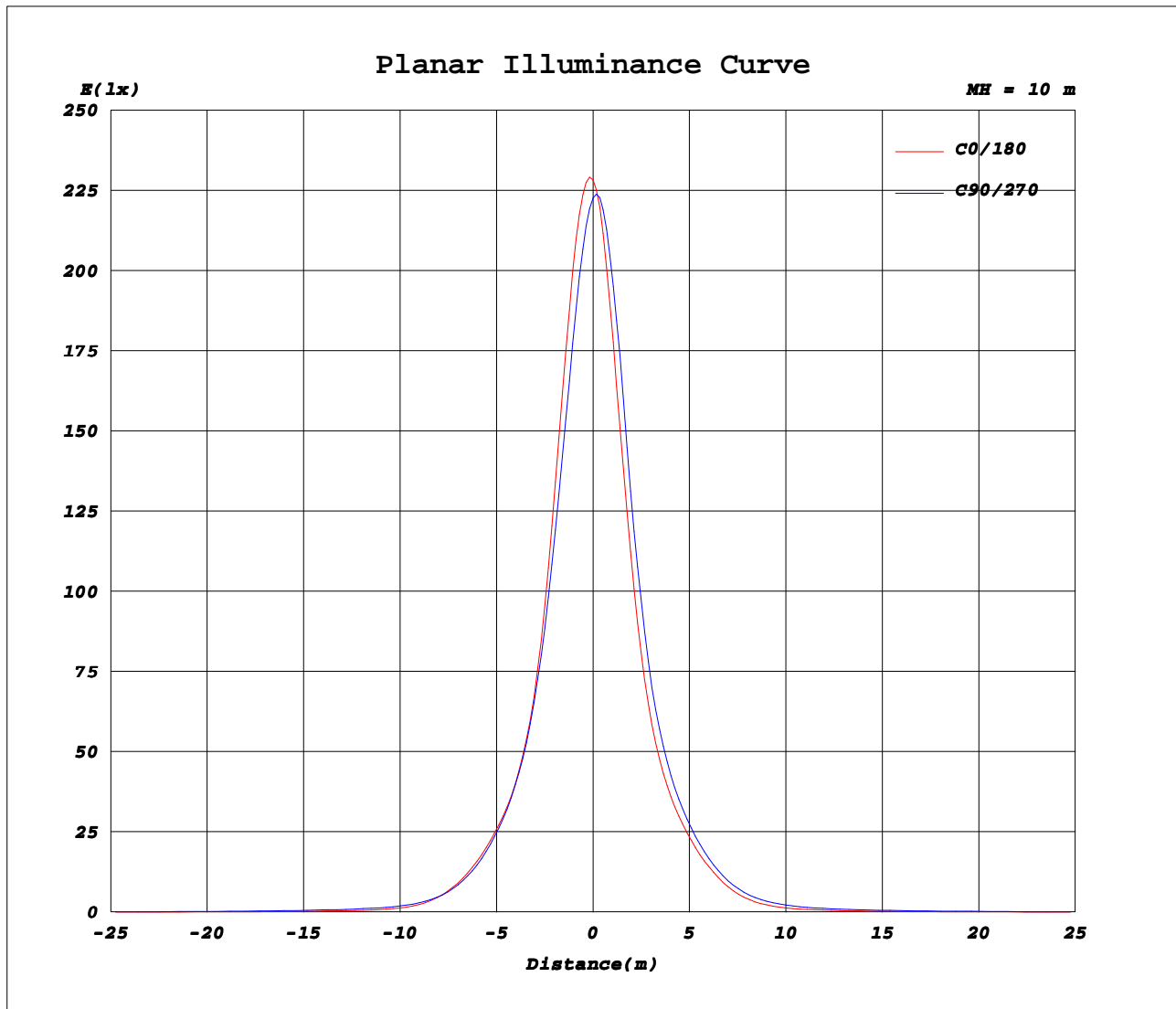
Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-12-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.40V I:0.3200A P:68.600W PF:0.9700 Freq:50.00Hz Lamp Flux:8327.38x1 lm		
NAME: LC-LL1603-70W-Narrow 30°	TYPE:LED	
MFR.: LOW-CARBON	DIM.: 1210*40*95mm	

Table--1

UNIT: ×10cd

C(°) \ γ (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2282	2260	2236	2226	2209	2210	2282	2260	2236	2226	2209	2210						
5	2125	2099	2008	1905	1791	1778	1921	1910	1997	2072	2164	2145						
10	1548	1564	1493	1366	1244	1198	1306	1306	1427	1517	1668	1633						
15	943	977	970	890	813	757	804	819	902	972	1093	1059						
20	586	608	625	576	549	504	521	531	594	624	698	654						
25	403	416	433	391	381	340	367	369	421	431	486	441						
30	275	279	290	258	247	217	246	244	285	291	337	297						
35	166	165	173	155	140	121	144	143	167	178	208	178						
40	81.9	83.2	91.6	88.7	72.6	60.3	72.8	74.2	88.9	102	112	90.3						
45	38.4	40.5	48.5	55.3	39.0	30.9	37.6	39.2	49.7	63.2	60.0	43.7						
50	22.7	23.5	30.1	41.3	24.8	20.3	24.7	25.4	31.8	45.4	35.3	24.7						
55	17.3	18.0	21.6	34.9	18.5	16.7	18.4	21.3	23.3	37.1	23.5	18.5						
60	14.2	15.3	17.2	30.7	15.1	14.0	15.4	17.5	19.2	32.4	18.2	15.6						
65	11.9	13.1	14.2	26.5	12.8	11.8	12.9	14.9	16.2	27.5	15.0	13.6						
70	9.47	10.7	11.6	20.9	9.91	9.27	10.3	11.9	12.9	21.1	12.5	11.4						
75	6.88	7.94	8.57	14.7	7.10	6.52	7.57	8.61	9.51	14.8	9.63	8.86						
80	4.35	5.18	5.59	8.89	4.35	3.89	5.07	5.60	6.27	9.27	6.75	6.23						
85	2.32	2.74	2.96	4.18	2.02	1.72	3.06	3.17	3.48	4.92	4.09	3.86						
90	0.99	1.04	0.99	0.86	0.79	0.85	2.15	2.10	1.97	1.91	2.04	2.17						
95	0.99	0.89	0.89	0.95	0.96	0.98	2.22	2.14	2.04	2.00	1.93	1.99						
100	1.18	1.09	1.12	1.23	1.23	1.21	2.33	2.26	2.16	2.15	2.07	2.10						
105	1.46	1.39	1.46	1.60	1.60	1.55	2.52	2.45	2.38	2.36	2.26	2.26						
110	1.87	1.79	1.89	2.06	2.09	2.02	2.80	2.74	2.65	2.62	2.51	2.49						
115	2.41	2.32	2.43	2.62	2.69	2.62	3.23	3.13	3.01	2.98	2.85	2.83						
120	3.09	2.96	3.08	3.27	3.40	3.36	3.74	3.63	3.50	3.43	3.27	3.29						
125	3.91	3.75	3.84	3.99	4.19	4.20	4.31	4.23	4.09	3.97	3.81	3.84						
130	4.83	4.63	4.69	4.77	5.06	5.11	4.97	4.93	4.78	4.61	4.45	4.47						
135	5.76	5.57	5.55	5.59	5.91	6.05	5.77	5.75	5.56	5.31	5.16	5.19						
140	6.72	6.54	6.42	6.42	6.79	6.99	6.77	6.69	6.45	6.09	5.97	6.02						
145	7.70	7.48	7.31	7.24	7.69	7.92	7.83	7.69	7.36	6.88	6.79	6.95						
150	8.65	8.43	8.13	8.00	8.54	8.84	8.83	8.68	8.26	7.64	7.60	7.88						
155	9.59	9.29	8.84	8.68	9.32	9.73	9.71	9.60	9.09	8.36	8.35	8.73						
160	10.5	10.0	9.38	9.31	10.0	10.5	10.5	10.4	9.82	9.06	9.03	9.48						
165	11.2	10.5	9.79	9.94	10.6	11.2	11.0	10.9	10.4	9.75	9.62	10.1						
170	11.6	10.6	10.3	10.6	11.1	11.5	11.2	11.2	10.9	10.4	10.2	10.4						
175	11.4	10.6	10.8	11.2	11.4	11.4	11.1	11.1	11.1	11.0	10.8	10.6						
180	11.2	11.0	11.2	11.4	11.4	11.1	11.2	10.9	11.2	11.4	11.4	11.1						

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: DAMIN

Test Date: 2018-12-22

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11

Humidity: 65.0%

Test Distance: 8.000m [K=0.7063]

Remarks: