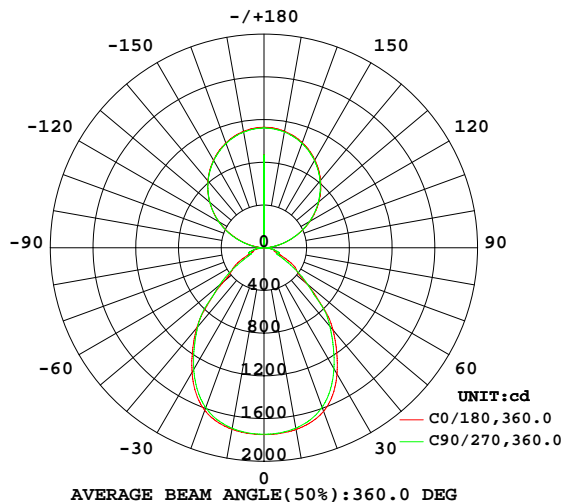


LUMINAIRE PHOTOMETRIC TEST REPORT

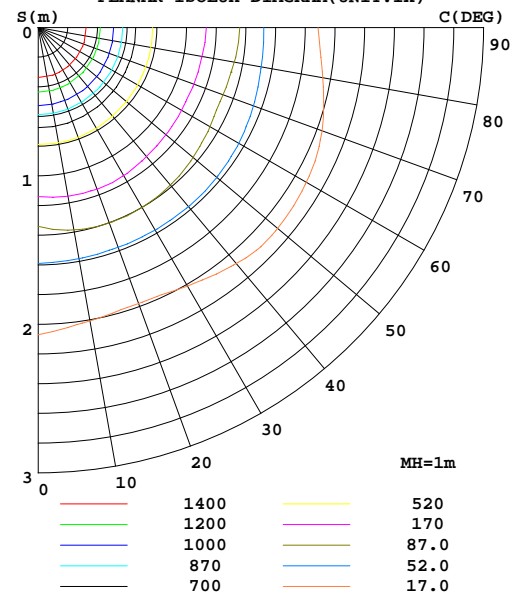
Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.79 lm/W			
MODEL		Imax(cd)	1750	S/MH(C0/180)	1.17
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6480.6	η UP,DN(C0-180)	24.6,25.4
NOMINAL FLUX(lm)	6480.59	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.5,25.5
LAMPS INSIDE	1	η up(%)	49.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	50.9	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:9.370m [K=1.0672]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

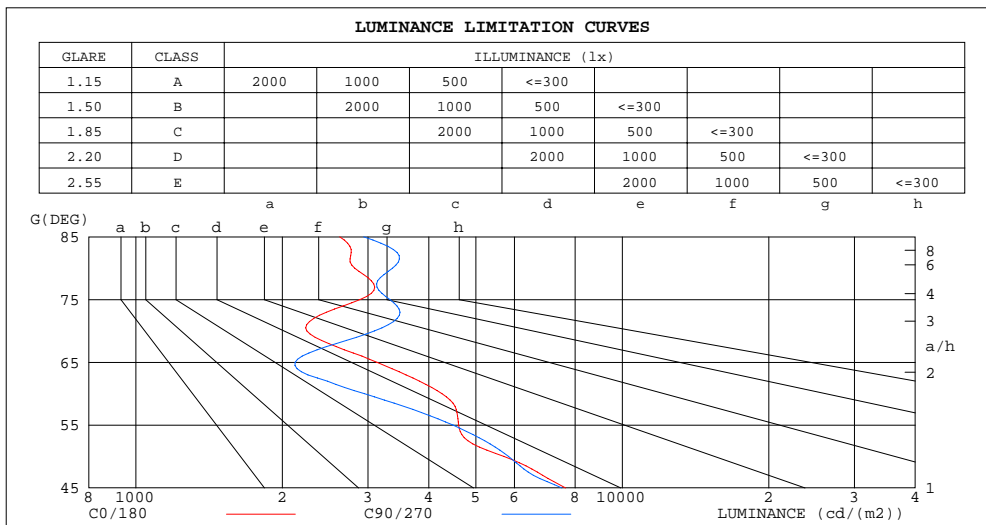
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1728	1722	1715	1718	1726	1721	1717	1721	0- 10	165.5	165.5	2.55,2.55
20	1630	1611	1590	1601	1620	1605	1594	1611	10- 20	472.8	638.4	9.85,9.85
30	1367	1338	1310	1322	1347	1328	1316	1342	20- 30	682.8	1321	20.4,20.4
40	1005	979.3	960.4	963.9	980.7	969.8	966.5	984.9	30- 40	720.6	2042	31.5,31.5
50	522.1	532.7	533.7	521.7	491.6	527.3	544.8	536.2	40- 50	576.0	2618	40.4,40.4
60	303.0	284.2	209.9	278.8	285.6	276.2	211.6	290.0	50- 60	345.1	2963	45.7,45.7
70	109.3	158.7	150.6	155.3	106.2	154.7	151.9	161.6	60- 70	185.3	3148	48.6,48.6
80	69.62	66.64	83.23	64.96	66.30	67.90	87.95	68.10	70- 80	115.1	3263	50.4,50.4
90	1.333	1.240	1.273	1.317	1.262	1.311	1.229	1.229	80- 90	36.29	3300	50.9,50.9
100	123.9	124.9	125.5	116.5	112.9	114.8	124.2	124.2	90-100	52.61	3352	51.7,51.7
110	306.7	309.1	303.7	300.7	294.1	298.4	302.3	309.4	100-110	221.6	3574	55.1,55.1
120	498.2	495.6	492.5	488.8	487.7	484.5	489.7	495.3	110-120	393.8	3968	61.2,61.2
130	671.1	667.1	664.6	662.4	662.4	657.2	662.0	667.6	120-130	517.9	4486	69.2,69.2
140	824.3	818.7	817.1	815.9	817.4	810.2	814.6	819.9	130-140	573.1	5059	78.1,78.1
150	951.9	945.2	944.4	944.2	946.6	938.2	941.9	946.9	140-150	552.9	5611	86.6,86.6
160	1048	1040	1041	1041	1045	1035	1038	1043	150-160	459.3	6071	93.7,93.7
170	1108	1100	1101	1103	1106	1097	1100	1104	160-170	303.6	6374	98.4,98.4
180	1128	1128	1128	1128	1128	1128	1128	1128	170-180	106.1	6481	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2623	2940
80	2818	3368
75	2888	3328
70	2246	3093
65	3129	2125
60	4259	2950
55	4608	4486
50	5708	5834
45	7642	7508

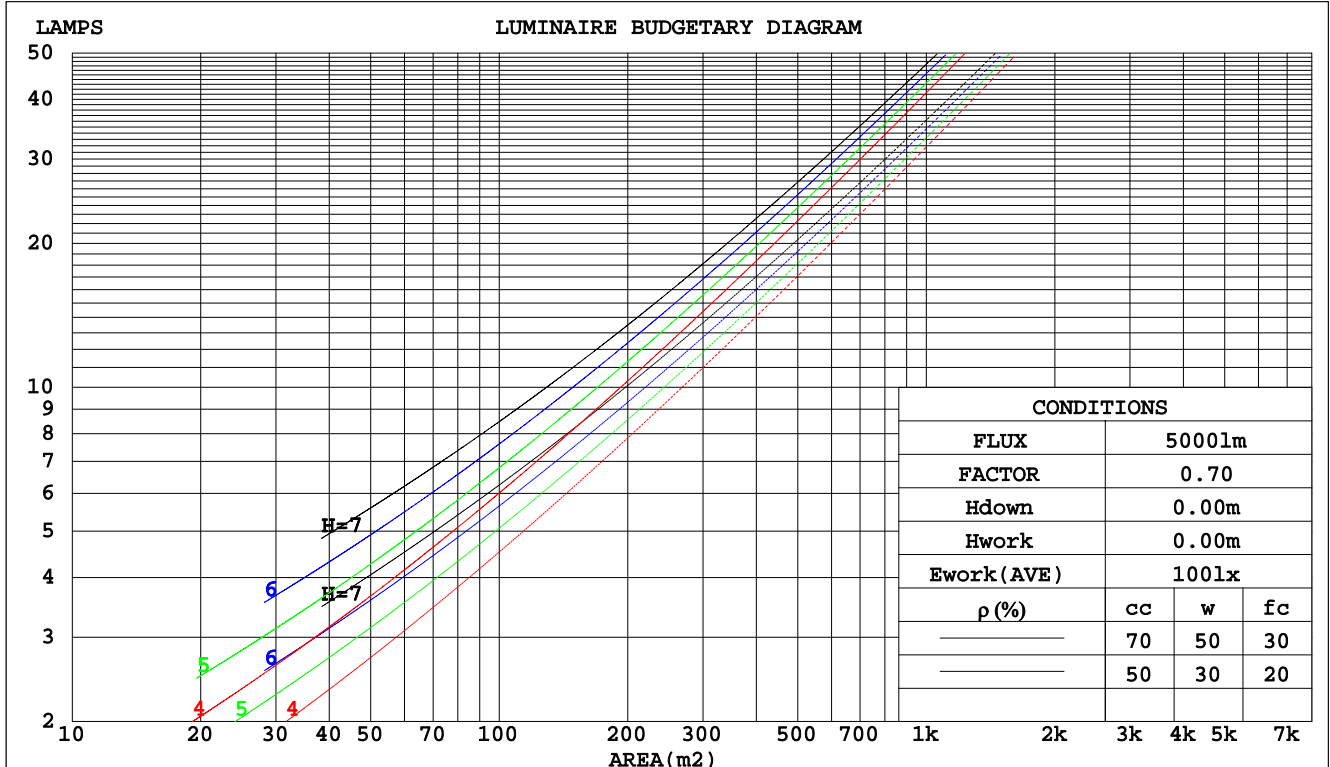
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:9.370m [K=1.0672]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding 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	1.07	1.07	1.07	.99	.99	.99	.84	.84	.84	.70	.70	.70	.57	.57	.57	.51
1.0	.95	.91	.88	.88	.85	.82	.75	.73	.71	.63	.61	.60	.52	.51	.50	.45
2.0	.84	.78	.74	.78	.73	.69	.67	.63	.60	.56	.54	.52	.47	.45	.44	.39
3.0	.75	.68	.63	.70	.64	.59	.60	.55	.52	.51	.48	.45	.42	.40	.38	.34
4.0	.67	.60	.54	.62	.56	.51	.54	.49	.45	.46	.42	.39	.39	.36	.34	.30
5.0	.60	.53	.47	.56	.49	.44	.49	.44	.40	.42	.38	.35	.35	.32	.30	.27
6.0	.54	.47	.41	.51	.44	.39	.44	.39	.35	.38	.34	.31	.32	.29	.27	.24
7.0	.49	.42	.37	.46	.40	.35	.40	.35	.31	.35	.31	.28	.30	.27	.24	.22
8.0	.45	.38	.33	.42	.36	.31	.37	.32	.28	.32	.28	.25	.28	.25	.22	.20
9.0	.41	.34	.29	.39	.32	.28	.34	.29	.25	.30	.26	.23	.26	.23	.20	.18
10.0	.38	.31	.27	.36	.30	.25	.32	.27	.23	.28	.24	.21	.24	.21	.19	.17



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

WEC AND CCEC

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding 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	.256	.145	.046	.234	.133	.042	.193	.111	.035	.156	.090	.029	.121	.070	.023		
2.0	.239	.131	.040	.220	.121	.037	.183	.102	.032	.148	.083	.026	.117	.066	.021		
3.0	.223	.119	.036	.205	.110	.033	.171	.093	.028	.140	.077	.024	.111	.061	.019		
4.0	.208	.108	.032	.191	.100	.030	.160	.085	.025	.132	.071	.021	.105	.057	.017		
5.0	.194	.099	.029	.179	.092	.027	.150	.078	.023	.124	.065	.019	.099	.053	.016		
6.0	.182	.091	.026	.168	.085	.024	.141	.072	.021	.117	.061	.018	.094	.049	.015		
7.0	.170	.084	.024	.157	.078	.022	.133	.067	.019	.110	.056	.016	.089	.046	.014		
8.0	.160	.078	.022	.148	.073	.021	.125	.063	.018	.104	.053	.015	.084	.043	.013		
9.0	.151	.073	.020	.140	.068	.019	.119	.059	.017	.099	.049	.014	.080	.041	.012		
10.0	.143	.068	.019	.132	.064	.018	.112	.055	.016	.094	.047	.013	.076	.038	.011		

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	.564	.564	.564	.482	.482	.482	.329	.329	.329	.189	.189	.189	.060	.060	.060	
1.0	.554	.534	.516	.474	.458	.444	.324	.315	.307	.187	.182	.179	.060	.059	.058	
2.0	.545	.512	.484	.467	.441	.418	.320	.305	.292	.184	.177	.171	.059	.057	.056	
3.0	.537	.496	.463	.460	.428	.401	.316	.297	.281	.183	.173	.166	.059	.056	.054	
4.0	.530	.483	.448	.455	.418	.389	.313	.291	.274	.181	.170	.162	.058	.056	.053	
5.0	.523	.474	.437	.449	.410	.380	.310	.286	.269	.179	.168	.159	.058	.055	.053	
6.0	.517	.466	.430	.445	.404	.374	.307	.283	.265	.178	.166	.157	.057	.054	.052	
7.0	.511	.460	.424	.440	.399	.369	.304	.280	.262	.177	.165	.156	.057	.054	.052	
8.0	.506	.455	.419	.436	.394	.366	.301	.277	.259	.175	.163	.155	.057	.054	.051	
9.0	.501	.450	.416	.431	.391	.363	.299	.275	.258	.174	.162	.154	.056	.053	.051	
10.0	.496	.446	.413	.428	.388	.361	.297	.273	.256	.173	.161	.153	.056	.053	.051	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm										
NAME: LED Free Standing Luminaire					TYPE: MONA 60W			WEIGHT:		
SPEC.:					DIM.: 610*310*30			SERIAL No.:		
MFR.: Cyanlite					SUR.:0.556*0.256			Shielding 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	14.5	15.3	15.3	16.2	17.2	14.0	14.9	14.8	15.7	16.7
3H	14.8	15.6	15.7	16.4	17.5	14.4	15.2	15.3	16.1	17.2
4H	15.1	15.8	16.0	16.7	17.8	14.8	15.6	15.7	16.5	17.6
6H	15.3	16.0	16.2	16.9	18.0	15.2	15.9	16.1	16.8	17.9
8H	15.4	16.0	16.3	16.9	18.1	15.3	16.0	16.3	16.9	18.0
12H	15.4	16.0	16.4	17.0	18.1	15.4	16.0	16.4	17.0	18.1
4H 2H	14.5	15.2	15.4	16.1	17.2	14.1	14.8	15.0	15.7	16.8
3H	15.1	15.7	16.0	16.6	17.8	14.7	15.3	15.7	16.3	17.4
4H	15.5	16.0	16.4	16.9	18.1	15.3	15.8	16.2	16.8	18.0
6H	15.8	16.3	16.8	17.2	18.5	15.7	16.2	16.7	17.2	18.4
8H	16.0	16.4	16.9	17.4	18.6	16.0	16.4	16.9	17.4	18.6
12H	16.1	16.5	17.0	17.4	18.7	16.1	16.5	17.1	17.5	18.7
8H 4H	15.5	15.9	16.4	16.9	18.1	15.3	15.8	16.3	16.7	18.0
6H	16.0	16.3	17.0	17.3	18.6	15.9	16.3	16.9	17.3	18.5
8H	16.2	16.5	17.2	17.5	18.8	16.2	16.5	17.2	17.5	18.8
12H	16.4	16.7	17.4	17.7	19.0	16.5	16.7	17.5	17.7	19.1
12H 4H	15.4	15.8	16.4	16.8	18.1	15.3	15.7	16.3	16.6	17.9
6H	16.0	16.3	17.0	17.3	18.6	15.9	16.2	16.9	17.2	18.5
8H	16.3	16.5	17.3	17.5	18.9	16.3	16.5	17.3	17.5	18.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.2				
2.0H	+ 1.2 / - 1.1					+ 1.1 / - 1.1				

CIE Pub.117, 6481 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.5$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

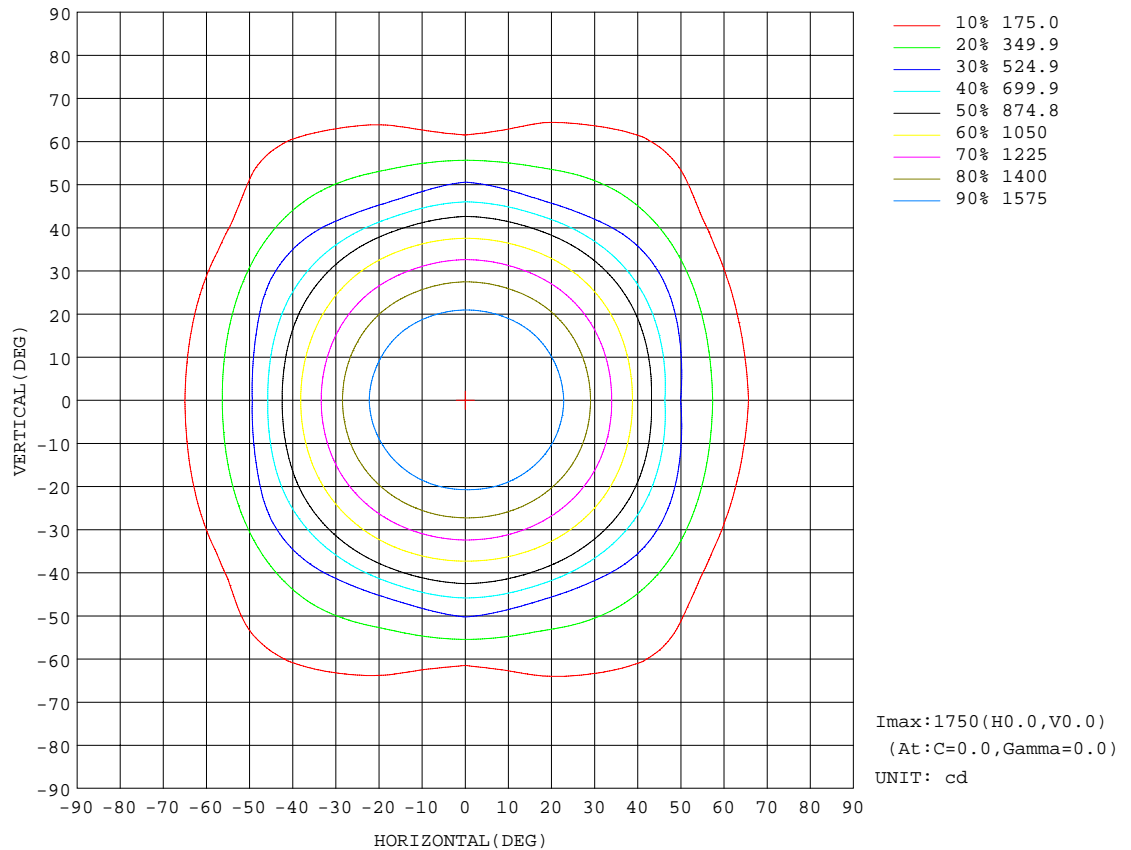
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	49	39	33	47	38	32	43	35	31	24
0.80	59	48	42	55	46	40	50	42	38	28
1.00	66	56	49	62	53	47	55	49	43	32
1.25	72	62	56	68	59	53	60	53	49	36
1.50	77	68	61	72	64	58	63	57	53	38
2.00	84	75	69	78	71	65	68	62	58	41
2.50	87	80	74	81	75	70	70	66	62	42
3.00	91	84	78	84	78	74	72	68	65	44
4.00	94	89	84	88	83	79	75	72	69	45
5.00	97	92	88	90	86	82	77	74	71	46
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

ISOCANDELA DIAGRAM

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

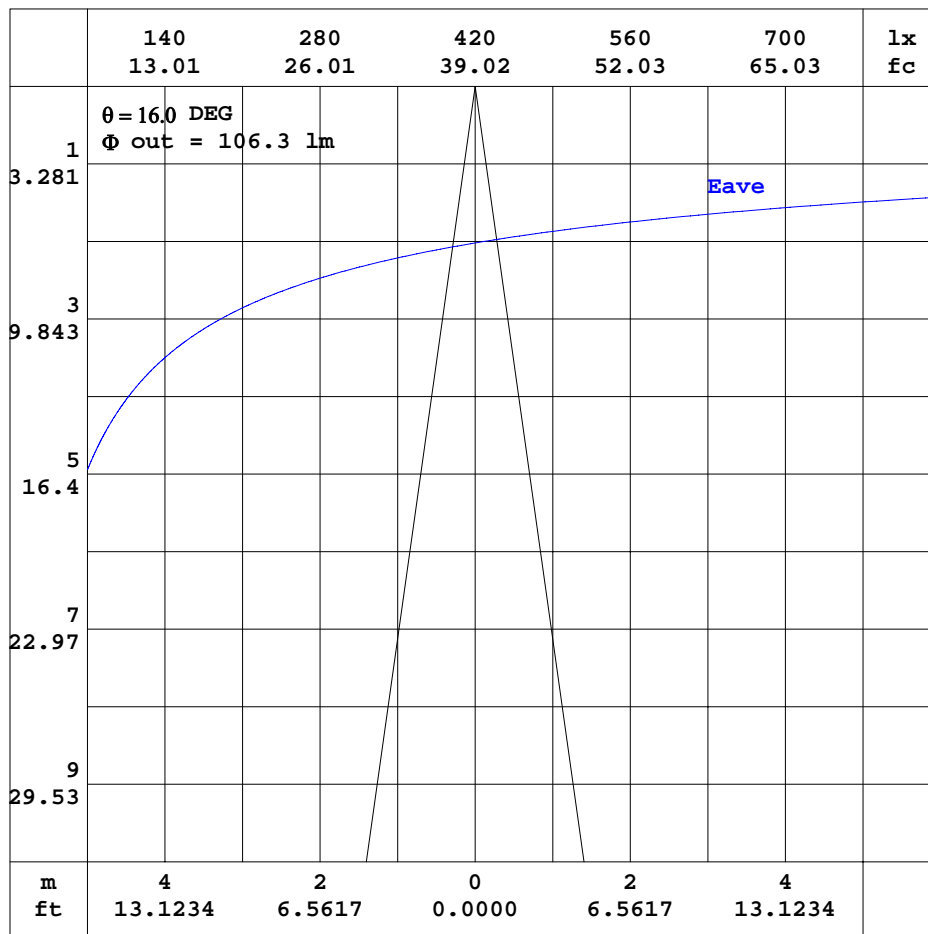


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

AAI CURVES

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:



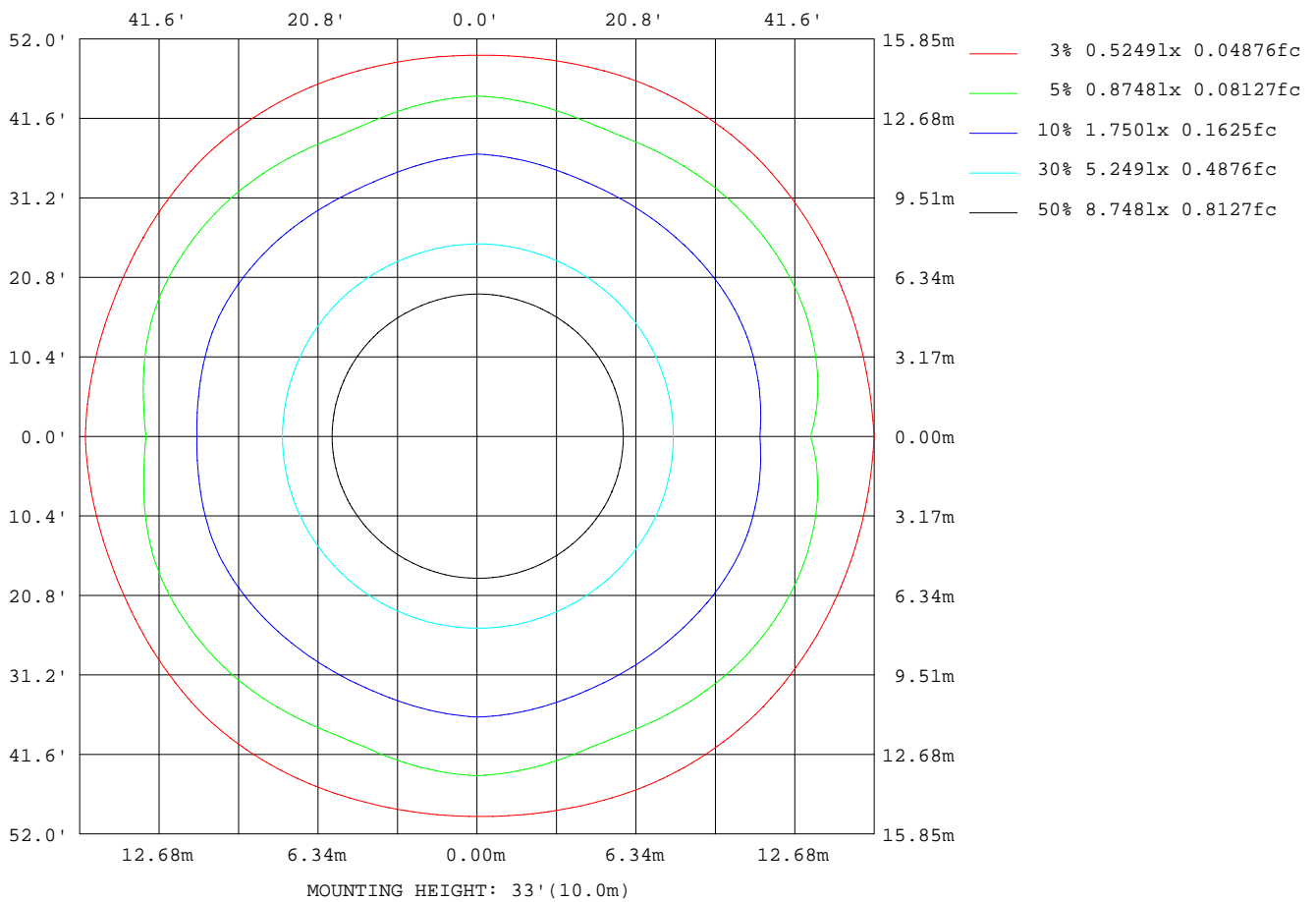
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

ISOLUX DIAGRAM

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

LED Avg.L Report

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

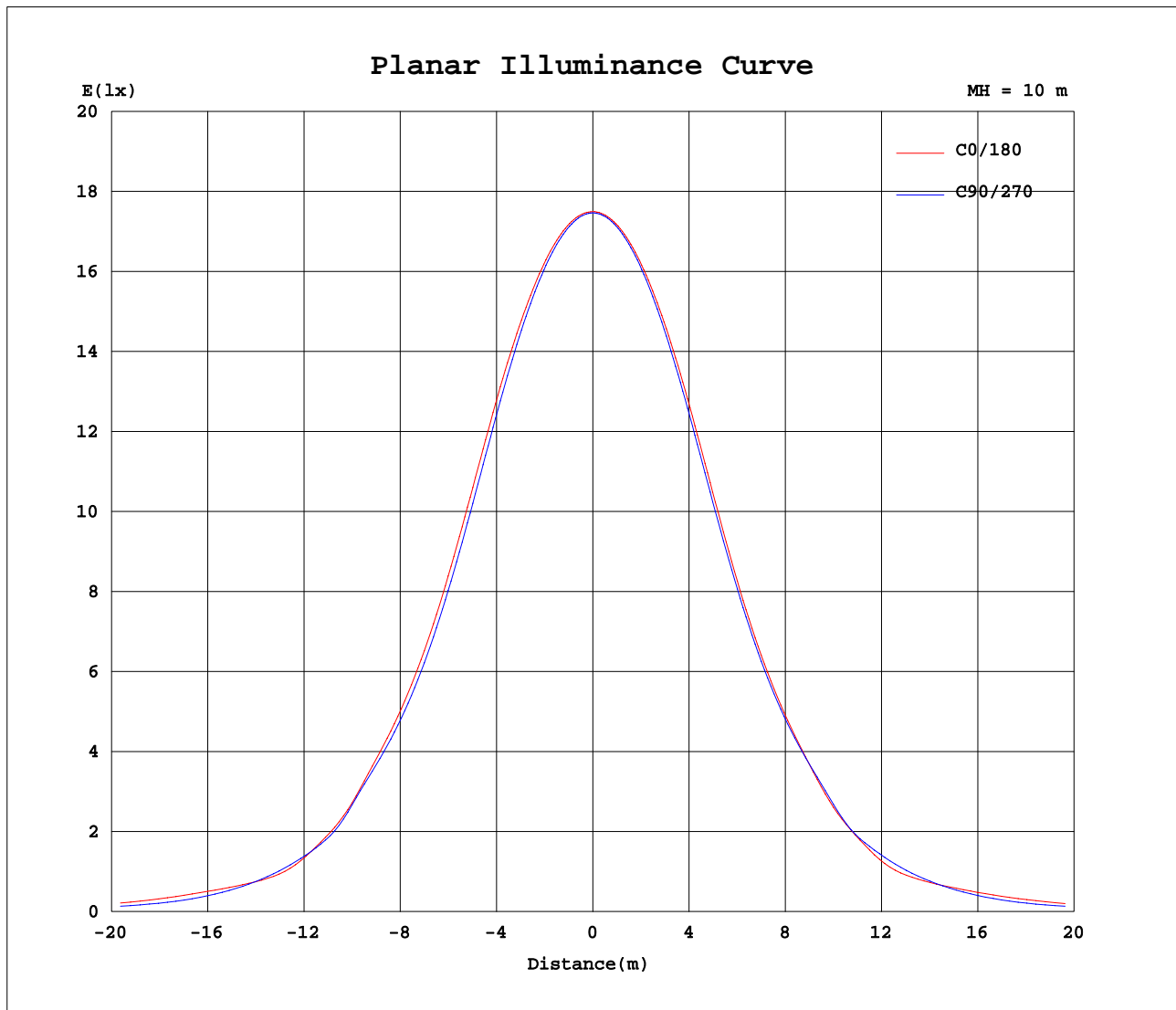
AvgL	cd/m2
L_0~180(65)av	3018
L_0~180(75)av	2900
L_0~180(85)av	2387
L_90~270(65)av	2131
L_90~270(75)av	3364
L_90~270(85)av	3080
L_45(65)av	3479
L_45(75)av	2751
L_45(85)av	2537

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2020-4-9

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 9.370m [K=1.0672]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1750	1749	1749	1748	1748	1748	1748	1748	1748	1748	1748	1748	1747	1747	1747	1747	1747	1747	1747
5	1745	1745	1744	1744	1744	1743	1743	1743	1742	1742	1742	1741	1741	1740	1740	1740	1739	1739	1739
10	1728	1728	1727	1727	1726	1725	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1716	1715	1715
15	1693	1692	1692	1691	1690	1688	1687	1685	1683	1681	1679	1678	1676	1675	1673	1672	1671	1670	1669
20	1630	1629	1628	1626	1624	1622	1620	1617	1614	1611	1608	1605	1603	1600	1597	1595	1593	1591	1590
25	1521	1521	1520	1518	1516	1513	1509	1505	1500	1496	1492	1488	1484	1481	1478	1475	1472	1470	1469
30	1367	1368	1367	1366	1363	1360	1355	1350	1344	1338	1333	1329	1324	1320	1317	1314	1312	1311	1310
35	1186	1187	1187	1186	1184	1180	1175	1170	1164	1159	1154	1149	1145	1142	1139	1136	1134	1133	1132
40	1005	1006	1007	1006	1004	1001	996	991	985	979	975	971	967	964	962	961	961	961	960
45	769	784	796	803	806	803	794	783	770	757	747	738	731	726	728	735	743	751	755
50	522	545	563	575	582	581	573	562	548	533	516	500	487	477	479	493	509	523	534
55	376	394	409	419	425	427	423	417	408	398	388	377	367	359	356	357	360	363	366
60	303	286	272	263	257	257	262	269	277	284	286	286	284	279	268	251	235	220	210
65	188	176	167	162	161	166	177	188	200	210	209	206	200	192	180	164	149	136	128
70	109	122	133	143	150	155	159	160	160	159	154	148	143	138	137	140	144	147	151
75	106	109	111	112	112	111	109	107	105	104	105	107	110	113	116	118	120	122	123
80	69.6	70.8	71.6	72.1	72.1	71.5	70.2	68.8	67.6	66.6	66.9	67.6	68.7	70.3	72.8	76.0	79.1	81.6	83.2
85	32.5	32.9	33.1	33.3	33.4	33.3	33.0	32.7	32.5	32.5	33.3	34.3	35.3	36.2	36.8	36.9	36.9	36.8	36.5
90	1.33	1.30	1.28	1.26	1.24	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.26	1.26	1.27	1.27	1.27	1.27	1.27
95	45.6	45.4	45.2	45.1	45.1	45.2	45.4	45.7	46.0	46.4	46.7	47.1	47.5	47.9	48.4	49.0	49.4	49.7	49.6
100	124	124	124	124	124	124	124	124	125	125	125	126	126	126	126	126	126	126	125
105	213	213	213	213	213	213	213	213	214	214	214	215	215	215	215	214	213	212	212
110	307	306	306	306	306	306	307	308	309	309	309	309	308	307	307	306	305	304	304
115	403	402	401	401	401	402	402	403	404	405	404	404	403	402	401	400	400	400	399
120	498	497	496	495	495	494	495	495	495	496	495	495	494	493	493	493	493	493	492
125	587	585	584	583	582	582	582	583	583	584	583	583	582	582	581	581	581	581	581
130	671	669	668	667	666	666	666	666	667	667	667	666	666	665	665	665	665	665	665
135	751	749	747	746	745	745	745	745	745	746	745	745	745	744	744	744	744	744	744
140	824	822	820	819	818	817	817	818	818	819	818	818	818	817	817	817	817	817	817
145	891	889	887	886	884	884	884	884	885	885	885	885	884	884	884	884	884	884	884
150	952	949	947	946	944	944	944	944	945	945	945	945	944	944	944	944	944	944	944
155	1004	1002	999	998	996	996	996	996	997	997	997	997	997	996	996	996	997	997	997
160	1048	1045	1043	1041	1040	1039	1039	1039	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1041
165	1083	1080	1078	1076	1074	1074	1074	1074	1074	1075	1075	1075	1075	1075	1075	1075	1075	1075	1076
170	1108	1105	1103	1101	1099	1098	1098	1099	1099	1100	1100	1100	1100	1100	1100	1100	1100	1101	1101
175	1124	1120	1118	1116	1114	1113	1113	1114	1114	1115	1115	1115	1115	1115	1115	1116	1116	1116	1116
180	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1746	1746	1746	1746	1746	1746	1746	1746	1746	1745	1745	1745	1746	1746	1747	1748	1749	1750	1749
5	1739	1739	1739	1739	1739	1739	1739	1739	1739	1739	1739	1739	1740	1740	1741	1742	1744	1744	1744
10	1715	1715	1715	1715	1716	1716	1717	1717	1718	1718	1719	1720	1720	1721	1723	1724	1725	1726	1726
15	1669	1669	1670	1670	1671	1672	1673	1674	1675	1676	1678	1679	1680	1682	1684	1686	1687	1688	1688
20	1590	1591	1592	1593	1594	1596	1597	1599	1601	1603	1605	1607	1610	1612	1615	1617	1619	1620	1620
25	1468	1469	1469	1471	1472	1474	1476	1479	1481	1485	1488	1492	1495	1498	1501	1503	1505	1506	1505
30	1309	1308	1308	1309	1311	1313	1315	1318	1322	1326	1330	1335	1338	1342	1344	1346	1347	1347	1347
35	1131	1130	1130	1131	1132	1134	1136	1139	1142	1146	1150	1154	1158	1161	1163	1165	1165	1166	1166
40	959	957	956	955	956	957	959	961	964	967	971	974	977	980	980	981	981	981	981
45	746	735	722	711	706	708	712	718	726	737	747	757	764	765	759	752	744	738	743
50	520	502	484	468	465	475	489	505	522	535	547	556	561	554	538	520	503	492	505
55	363	359	356	353	355	362	369	377	385	391	396	399	401	397	388	379	371	366	372
60	218	230	245	260	271	277	280	281	279	269	258	248	240	242	253	265	277	286	277
65	135	147	161	176	189	197	204	208	209	202	192	182	172	168	168	170	173	175	171
70	148	145	141	138	139	142	147	151	155	157	158	157	155	147	135	123	113	106	113
75	122	121	119	117	113	109	104	99.6	96.2	96.2	97.2	98.8	101	103	104	106	107	107	107
80	81.1	78.1	74.6	71.0	68.3	66.8	65.7	65.1	65.0	65.8	67.0	68.2	69.3	69.4	68.6	67.7	66.9	66.3	67.3
85	36.1	35.6	34.9	34.1	33.1	31.8	30.5	29.3	28.2	27.8	27.5	27.3	27.3	27.1	27.0	26.8	26.7	26.7	26.7
90	1.28	1.29	1.29	1.30	1.31	1.31	1.32	1.32	1.32	1.31	1.31	1.30	1.29	1.28	1.26	1.24	1.24	1.26	1.36
95	48.7	47.6	46.2	44.8	43.5	42.3	41.2	40.1	39.1	38.1	37.2	36.4	35.8	35.4	35.3	35.3	35.4	35.5	35.6
100	125	124	123	122	121	120	119	118	116	115	115	114	113	113	113	113	113	113	113
105	211	211	211	211	210	209	208	207	205	205	204	203	202	202	201	201	201	201	200
110	303	303	303	302	302	302	302	301	301	300	298	297	296	295	295	294	294	294	294
115	399	398	397	397	397	397	397	397	397	396	395	394	392	392	392	392	392	392	391
120	492	491	491	490	489	489	489	489	489	488	488	487	487	487	487	487	488	488	487
125	580	579	579	578	578	578	578	578	578	577	577	576	576	576	576	577	577	577	576
130	664	664	663	663	662	662	662	662	662	662	661	661	661	661	661	662	662	662	661
135	743	743	742	742	742	742	742	742	742	742	741	741	741	741	742	742	743	743	741
140	817	816	816	816	815	816	816	816	816	816	815	815	815	815	816	817	817	817	816
145	884	884	883	883	883	883	883	883	884	883	883	883	883	883	884	885	885	885	884
150	944	944	944	944	944	944	944	944	944	944	944	944	944	945	945	946	947	947	945
155	997	997	996	996	996	997	997	997	997	997	997	997	997	998	999	999	1000	1000	998
160	1041	1040	1040	1040	1040	1041	1041	1041	1041	1042	1042	1042	1042	1042	1043	1044	1045	1045	1043
165	1076	1076	1076	1076	1076	1076	1076	1077	1077	1077	1077	1077	1077	1078	1078	1079	1080	1080	1079
170	1101	1101	1101	1101	1102	1102	1102	1102	1103	1103	1103	1103	1104	1104	1105	1106	1107	1106	1105
175	1116	1117	1117	1117	1117	1118	1118	1118	1118	1119	1119	1120	1120	1121	1122	1122	1123	1123	1121
180	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm		
NAME: LED Free Standing Luminaire	TYPE: MONA 60W	WEIGHT:
SPEC.:	DIM.: 610*310*30	SERIAL No.:
MFR.: Cyanlite	SUR.:0.556*0.256	Shielding Angle:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1749	1749	1748	1748	1748	1748	1748	1748	1748	1748	1747	1747	1747	1747	1747	1747	1747	1746	1746
5	1744	1743	1742	1742	1742	1742	1742	1742	1741	1741	1740	1740	1740	1739	1739	1739	1739	1739	1739
10	1725	1724	1723	1723	1722	1722	1722	1721	1720	1719	1718	1717	1717	1717	1717	1717	1717	1717	1717
15	1687	1685	1684	1683	1682	1681	1680	1679	1677	1676	1674	1673	1672	1671	1671	1671	1671	1671	1672
20	1618	1616	1613	1611	1610	1608	1607	1605	1603	1600	1598	1596	1595	1594	1593	1593	1594	1594	1595
25	1503	1501	1499	1497	1494	1492	1489	1486	1483	1480	1476	1474	1472	1471	1472	1472	1473	1474	1475
30	1346	1345	1343	1341	1338	1335	1332	1328	1324	1320	1316	1313	1311	1312	1313	1314	1316	1316	1317
35	1165	1163	1162	1160	1157	1155	1152	1149	1145	1141	1138	1135	1134	1134	1135	1137	1139	1139	1139
40	981	981	980	979	977	975	972	970	966	963	960	958	958	959	962	964	966	966	966
45	749	755	760	760	754	747	738	729	720	712	706	703	708	720	734	747	758	754	746
50	523	542	560	567	563	554	542	527	508	490	475	464	468	487	508	528	545	533	517
55	381	391	400	404	403	400	395	389	381	373	366	360	358	360	364	368	372	369	366
60	265	253	242	240	247	257	267	276	279	279	277	272	262	247	232	220	212	222	236
65	167	163	162	166	175	185	195	204	204	201	196	189	177	162	148	136	128	138	151
70	124	136	148	155	157	158	157	155	151	147	143	139	139	142	146	149	152	149	146
75	106	105	103	102	100	98.8	98.0	98.1	101	104	107	111	115	119	122	124	125	124	121
80	68.5	69.8	70.9	71.1	70.4	69.5	68.6	67.9	67.9	68.4	69.3	70.8	73.8	78.0	82.1	85.5	87.9	85.7	82.4
85	26.8	27.0	27.3	27.8	28.4	29.2	30.0	31.0	32.1	33.3	34.5	35.7	36.9	37.9	38.8	39.5	39.9	40.0	39.8
90	1.47	1.58	1.66	1.67	1.60	1.51	1.41	1.31	1.28	1.25	1.24	1.24	1.23	1.23	1.23	1.23	1.23	1.22	1.20
95	35.6	35.8	36.0	36.2	36.5	36.9	37.5	38.2	39.4	40.8	42.2	43.6	45.0	46.2	47.3	48.3	49.0	49.2	49.2
100	113	113	113	113	114	114	115	116	118	120	121	123	123	124	124	124	125	125	126
105	200	200	200	201	201	202	203	204	205	206	207	209	209	210	210	210	211	212	212
110	293	293	293	294	295	296	297	298	299	300	300	300	301	301	301	302	302	303	304
115	391	391	390	390	391	392	393	393	394	395	395	396	396	396	396	396	397	398	399
120	486	485	484	484	484	484	484	484	485	486	487	488	489	489	489	489	490	491	492
125	575	574	573	572	572	572	573	573	574	575	575	576	577	577	577	578	578	579	580
130	660	659	657	656	656	656	657	657	658	659	660	660	661	661	661	662	662	663	664
135	740	738	737	736	735	736	736	736	737	738	739	739	740	740	741	741	741	742	743
140	814	812	810	809	809	809	810	810	811	811	812	813	813	814	814	814	815	815	816
145	882	880	878	877	877	877	877	878	878	879	879	880	881	881	881	881	882	883	883
150	943	941	939	938	937	937	938	938	939	939	940	941	941	941	941	942	942	943	944
155	996	994	992	990	990	990	991	991	992	992	993	993	994	994	994	994	995	995	996
160	1040	1038	1036	1035	1034	1034	1035	1035	1036	1036	1037	1037	1038	1038	1038	1038	1038	1039	1040
165	1076	1074	1072	1070	1070	1070	1071	1071	1072	1072	1072	1073	1073	1073	1073	1074	1074	1075	1075
170	1102	1100	1097	1096	1096	1096	1097	1097	1098	1098	1098	1099	1099	1099	1099	1100	1100	1100	1101
175	1118	1116	1114	1112	1112	1112	1113	1113	1114	1114	1114	1114	1115	1115	1115	1115	1116	1116	1116
180	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2678A P:59.568W PF:0.9679 Freq:49.99Hz Lamp Flux:6480.59x1 lm																	
NAME: LED Free Standing Luminaire									TYPE: MONA 60W						WEIGHT:		
SPEC.:									DIM.: 610*310*30						SERIAL No.:		
MFR.: Cyanlite									SUR.:0.556*0.256						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1746	1746	1746	1746	1746	1746	1746	1745	1745	1745	1746	1746	1747	1747	1748				
5	1739	1739	1739	1740	1740	1740	1740	1740	1740	1740	1741	1741	1742	1743	1744				
10	1717	1717	1717	1718	1719	1720	1721	1721	1722	1722	1723	1723	1724	1725	1727				
15	1672	1673	1674	1675	1677	1679	1680	1682	1683	1684	1686	1687	1688	1690	1691				
20	1596	1597	1599	1602	1605	1608	1611	1613	1615	1618	1620	1622	1624	1626	1628				
25	1476	1478	1481	1485	1489	1493	1498	1501	1505	1508	1511	1513	1516	1518	1520				
30	1317	1318	1321	1326	1331	1336	1342	1347	1351	1355	1359	1362	1364	1366	1367				
35	1140	1141	1144	1148	1153	1158	1163	1168	1173	1177	1181	1184	1185	1186	1187				
40	966	966	968	971	975	980	985	990	994	998	1002	1004	1006	1006	1006				
45	738	731	730	737	745	755	766	778	789	798	804	806	802	795	784				
50	499	484	480	490	503	519	536	551	565	576	583	584	577	564	546				
55	364	363	366	374	383	393	402	412	420	425	428	427	420	409	395				
60	253	269	281	287	290	291	290	282	274	266	260	259	264	273	286				
65	167	184	197	205	211	214	214	205	194	183	173	168	168	171	178				
70	142	139	141	145	151	157	162	163	163	161	158	152	144	134	123				
75	118	115	113	111	109	108	107	108	109	111	112	112	111	110	109				
80	78.4	74.3	71.4	69.9	68.8	68.2	68.1	68.7	69.6	70.5	71.4	71.9	71.7	71.3	70.6				
85	39.4	38.9	38.1	37.0	36.0	35.0	34.1	33.8	33.6	33.5	33.5	33.4	33.2	33.0	32.8				
90	1.19	1.18	1.18	1.19	1.20	1.22	1.23	1.24	1.24	1.25	1.26	1.27	1.28	1.30	1.31				
95	49.1	48.7	48.3	47.7	47.0	46.4	45.9	45.8	45.8	45.8	45.9	45.9	45.9	45.8	45.7				
100	127	127	127	126	126	125	124	124	125	125	125	125	125	125	124				
105	213	214	214	215	214	214	214	214	214	214	214	214	214	213	213				
110	305	306	307	308	308	309	309	309	309	308	308	307	307	307	307				
115	400	401	402	403	403	404	404	405	405	405	405	405	405	404	404				
120	493	494	494	495	495	495	495	496	497	498	498	499	499	499	499				
125	581	582	583	583	583	583	584	584	585	586	587	587	587	587	587				
130	665	666	666	667	667	667	668	668	669	670	671	671	671	671	671				
135	744	745	745	746	746	746	747	747	748	749	750	750	751	751	751				
140	817	818	819	819	819	820	820	821	822	822	823	824	824	824	824				
145	884	885	886	886	886	887	887	888	889	890	890	891	891	892	892				
150	944	945	946	946	946	947	947	948	949	950	950	951	951	952	952				
155	997	998	998	998	999	999	999	1000	1001	1002	1002	1003	1004	1004	1004				
160	1041	1041	1042	1042	1042	1043	1043	1044	1045	1045	1046	1047	1047	1048	1048				
165	1076	1076	1077	1077	1078	1078	1078	1079	1080	1080	1081	1082	1082	1083	1083				
170	1101	1102	1102	1103	1103	1103	1104	1104	1105	1106	1106	1107	1107	1108	1108				
175	1117	1117	1118	1118	1118	1119	1119	1119	1120	1120	1121	1122	1122	1123	1123				
180	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128	1128				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2020-4-9

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:9.370m [K=1.0672]
Remarks: