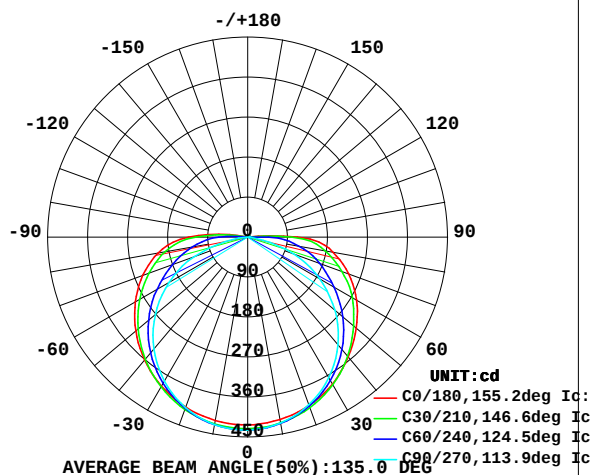


LUMINAIRE PHOTOMETRIC TEST REPORT

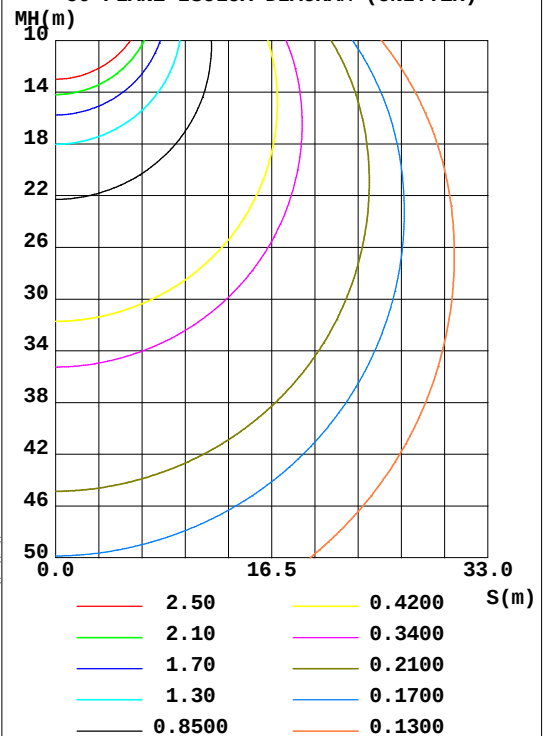
Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.69 lm/W			
MODEL	480D12W	I _{max} (cd)	435.3	S/MH(C0/180)	1.37
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1631.1	η UP, DN(C0-180)	1.2, 47.4
NOMINAL FLUX(lm)	1631.07	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.8, 49.5
LAMPS INSIDE	1	η up(%)	3.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	96.9	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26DEG
Operators: JASON
Test Date: 2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity: 65%
Test Distance: 8.140m [K=1.0000]
Remarks: COB 8mm 3000k

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	417.0	425.4	425.3	427.0	418.9	428.0	428.7	430.6	0- 10	40.95	40.95	2.51, 2.51
20	403.6	406.9	401.9	408.0	407.4	411.9	408.5	414.7	10- 20	118.3	159.2	9.76, 9.76
30	381.7	378.2	365.1	378.5	387.6	385.3	374.8	388.1	20- 30	182.7	341.9	21, 21
40	352.3	340.3	316.5	340.3	361.1	349.4	328.7	351.9	30- 40	227.5	569.4	34.9, 34.9
50	318.8	295.5	257.3	295.4	328.8	306.4	271.6	307.9	40- 50	248.7	818.1	50.2, 50.2
60	283.5	248.2	186.7	246.5	291.9	257.5	204.8	258.9	50- 60	245.7	1064	65.2, 65.2
70	241.8	199.0	109.9	194.9	251.9	208.0	126.6	210.3	60- 70	221.0	1285	78.8, 78.8
80	195.2	146.7	21.10	142.1	204.5	157.2	35.27	157.7	70- 80	177.0	1462	89.6, 89.6
90	111.9	73.21	0.9762	66.22	133.1	90.77	1.169	94.25	80- 90	119.0	1581	96.9, 96.9
100	3.898	1.939	1.375	2.662	22.96	6.818	1.395	3.807	90-100	34.70	1616	99, 99
110	2.306	2.188	1.863	2.089	2.512	2.155	1.822	2.371	100-110	2.743	1618	99.2, 99.2
120	2.705	2.623	2.376	2.572	2.787	2.548	2.310	2.718	110-120	2.361	1621	99.4, 99.4
130	3.012	3.006	2.835	2.998	3.101	2.974	2.778	3.109	120-130	2.508	1623	99.5, 99.5
140	3.278	3.359	3.274	3.365	3.403	3.327	3.229	3.496	130-140	2.454	1626	99.7, 99.7
150	3.532	3.653	3.633	3.673	3.653	3.635	3.589	3.768	140-150	2.199	1628	99.8, 99.8
160	3.770	3.885	3.895	3.934	3.899	3.879	3.879	3.998	150-160	1.749	1630	99.9, 99.9
170	3.952	4.050	4.089	4.123	4.069	4.046	4.060	4.139	160-170	1.130	1631	100, 100
180	4.109	4.147	4.161	4.206	4.105	4.143	4.157	4.200	170-180	0.3927	1631	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

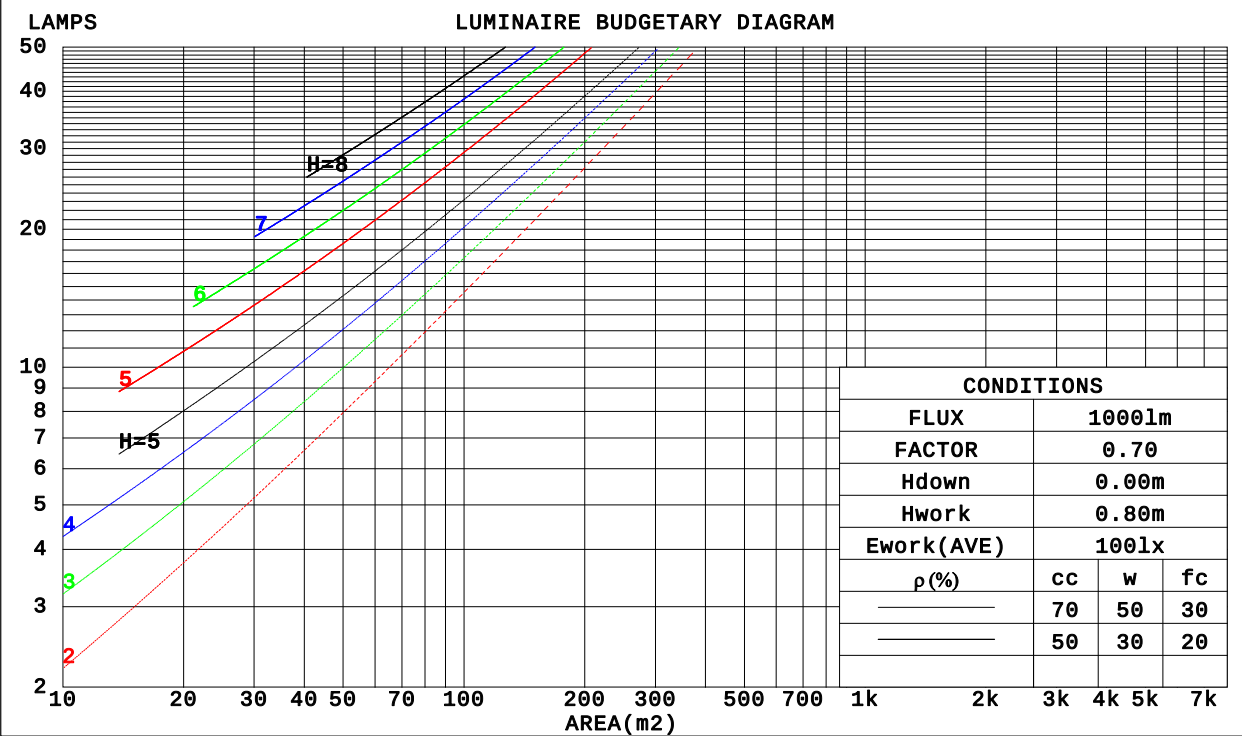
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 26DEG
 Operators: JASON
 Test Date: 2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.291
 Humidity: 65%
 Test Distance: 8.140m [K=1.0000]
 Remarks: COB 8mm 3000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	.99	.93	.89	.96	.91	.87	.91	.87	.83	.87	.83	.80	.83	.80	.77	.75	
2.0	.84	.76	.70	.82	.75	.69	.78	.72	.66	.74	.69	.64	.71	.66	.62	.60	
3.0	.73	.64	.57	.71	.63	.56	.68	.60	.54	.65	.58	.53	.61	.56	.52	.49	
4.0	.64	.55	.47	.63	.54	.47	.60	.52	.46	.57	.50	.45	.54	.48	.44	.41	
5.0	.57	.47	.40	.56	.47	.40	.53	.45	.39	.51	.44	.38	.49	.42	.37	.35	
6.0	.51	.42	.35	.50	.41	.34	.48	.40	.34	.46	.39	.33	.44	.38	.33	.30	
7.0	.46	.37	.30	.45	.36	.30	.43	.35	.30	.42	.34	.29	.40	.34	.29	.27	
8.0	.42	.33	.27	.41	.33	.27	.40	.32	.26	.38	.31	.26	.37	.30	.26	.24	
9.0	.38	.30	.24	.38	.30	.24	.36	.29	.24	.35	.28	.23	.34	.28	.23	.21	
10.0	.35	.27	.22	.35	.27	.22	.34	.26	.21	.32	.26	.21	.31	.25	.21	.19	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k

WEC AND CCEC

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm					
NAME: COB STRIP			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:1
MFR.: EVERFINE			SUR.:		PROTECTION ANGLE:

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	.391	.222	.070	.383	.218	.069	.367	.211	.067	.353	.204	.065	.340	.197	.064	
2.0	.342	.187	.057	.334	.184	.057	.321	.178	.055	.308	.173	.054	.296	.168	.053	
3.0	.304	.162	.049	.298	.160	.048	.286	.155	.047	.274	.150	.046	.264	.146	.045	
4.0	.274	.143	.042	.268	.140	.042	.257	.137	.041	.247	.133	.040	.238	.129	.039	
5.0	.249	.127	.037	.244	.125	.037	.234	.122	.036	.225	.119	.035	.217	.116	.035	
6.0	.228	.114	.033	.224	.113	.033	.215	.110	.032	.207	.107	.032	.199	.105	.031	
7.0	.210	.104	.029	.206	.103	.029	.199	.100	.029	.191	.098	.029	.184	.096	.028	
8.0	.195	.095	.027	.191	.094	.027	.184	.092	.026	.178	.090	.026	.171	.088	.026	
9.0	.182	.088	.025	.178	.087	.024	.172	.085	.024	.166	.083	.024	.160	.081	.024	
10.0	.170	.082	.023	.167	.081	.023	.161	.079	.022	.156	.077	.022	.151	.076	.022	

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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.210	.179	.152	.179	.154	.130	.123	.106	.090	.071	.061	.052	.023	.020	.017	
2.0	.203	.155	.116	.174	.134	.100	.119	.093	.070	.069	.054	.041	.022	.017	.013	
3.0	.195	.138	.093	.167	.119	.081	.115	.083	.057	.066	.048	.033	.021	.016	.011	
4.0	.187	.126	.079	.161	.109	.068	.110	.076	.048	.064	.044	.028	.021	.014	.009	
5.0	.179	.115	.068	.154	.100	.060	.106	.070	.042	.061	.041	.025	.020	.013	.008	
6.0	.171	.107	.061	.147	.093	.053	.102	.065	.038	.059	.038	.022	.019	.013	.007	
7.0	.164	.100	.056	.141	.087	.049	.098	.061	.035	.057	.036	.021	.018	.012	.007	
8.0	.157	.095	.052	.135	.082	.045	.094	.058	.032	.054	.034	.019	.018	.011	.006	
9.0	.151	.090	.049	.130	.078	.042	.090	.055	.030	.052	.032	.018	.017	.011	.006	
10.0	.145	.085	.046	.125	.074	.040	.086	.052	.029	.050	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm											
NAME: COB STRIP					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:1			
MFR.: EVERFINE					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	18.7	20.3	19.0	20.6	20.9	17.1	18.7	17.4	19.0	19.3	
	3H	21.3	22.8	21.6	23.1	23.4	18.7	20.2	19.1	20.5	20.8
	4H	22.7	24.1	23.0	24.4	24.7	19.2	20.7	19.6	21.0	21.3
	6H	24.2	25.5	24.5	25.8	26.2	19.5	20.8	19.8	21.1	21.5
	8H	25.0	26.3	25.4	26.6	27.0	19.4	20.8	19.8	21.1	21.5
	12H	25.9	27.2	26.3	27.5	27.9	19.4	20.7	19.8	21.0	21.4
4H	2H	19.4	20.8	19.7	21.1	21.5	18.2	19.6	18.6	20.0	20.3
	3H	22.2	23.5	22.6	23.8	24.2	20.1	21.4	20.5	21.7	22.1
	4H	23.8	24.9	24.2	25.3	25.7	20.9	22.0	21.3	22.4	22.8
	6H	25.5	26.5	25.9	26.9	27.4	21.4	22.4	21.8	22.8	23.3
	8H	26.4	27.4	26.9	27.8	28.3	21.4	22.4	21.9	22.9	23.3
	12H	27.5	28.4	28.0	28.8	29.3	21.5	22.4	22.0	22.8	23.3
8H	4H	24.2	25.2	24.6	25.6	26.0	21.9	22.9	22.3	23.3	23.7
	6H	26.2	27.0	26.7	27.5	28.0	22.8	23.6	23.3	24.1	24.6
	8H	27.3	28.1	27.8	28.6	29.1	23.1	23.9	23.6	24.4	24.9
	12H	28.6	29.3	29.2	29.8	30.4	23.4	24.0	23.9	24.5	25.1
12H	4H	24.2	25.1	24.7	25.6	26.0	22.2	23.1	22.6	23.5	24.0
	6H	26.3	27.1	26.8	27.6	28.1	23.3	24.1	23.8	24.5	25.1
	8H	27.6	28.2	28.1	28.7	29.3	23.8	24.5	24.4	25.0	25.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1631 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	52	40	32	51	39	32	50	39	32	25
0.80	62	49	41	60	48	41	58	47	40	33
1.00	70	57	49	68	56	49	66	58	48	40
1.25	77	64	56	75	64	56	72	62	55	47
1.50	82	70	62	80	69	61	76	67	60	51
2.00	89	78	71	87	77	70	83	75	68	59
2.50	93	84	76	91	82	75	86	79	73	63
3.00	97	88	81	94	87	80	90	83	78	68
4.00	101	94	88	99	92	87	94	88	84	73
5.00	104	98	93	102	96	91	96	92	88	77
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:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

717.64 lm

%lum = 44.0%

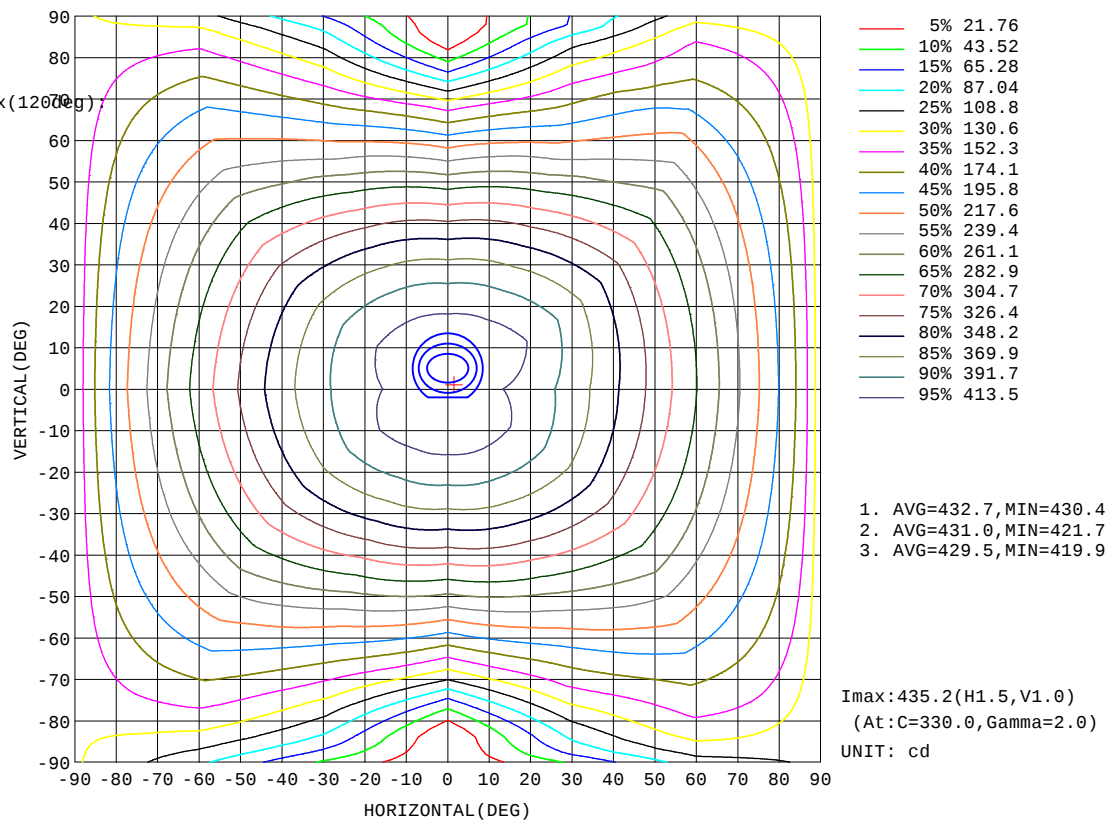
%lamp = 44.0%

Conical surface Flux(120deg):

1063.8 lm

%lum = 65.2%

%lamp = 65.2%

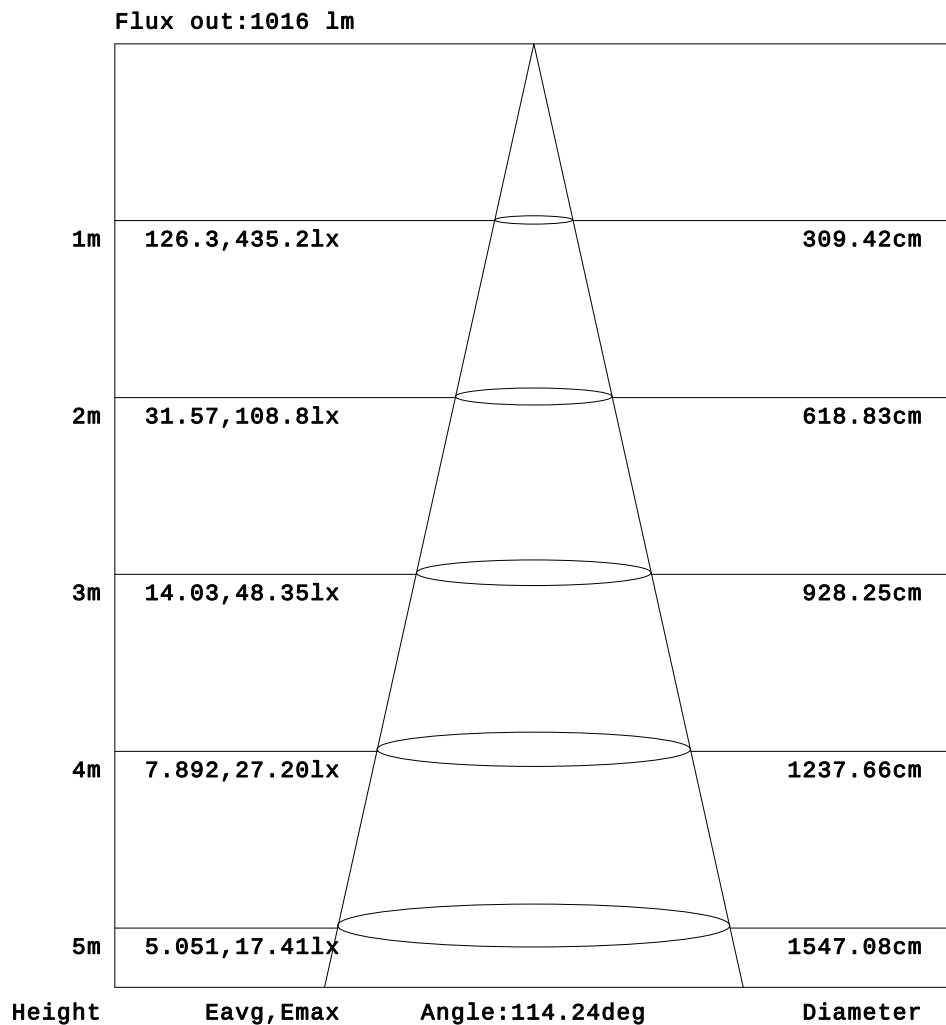


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26DEG
Operators: JASON
Test Date: 2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity: 65%
Test Distance: 8.140m [K=1.0000]
Remarks: COB 8mm 3000k

AAI Figure

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



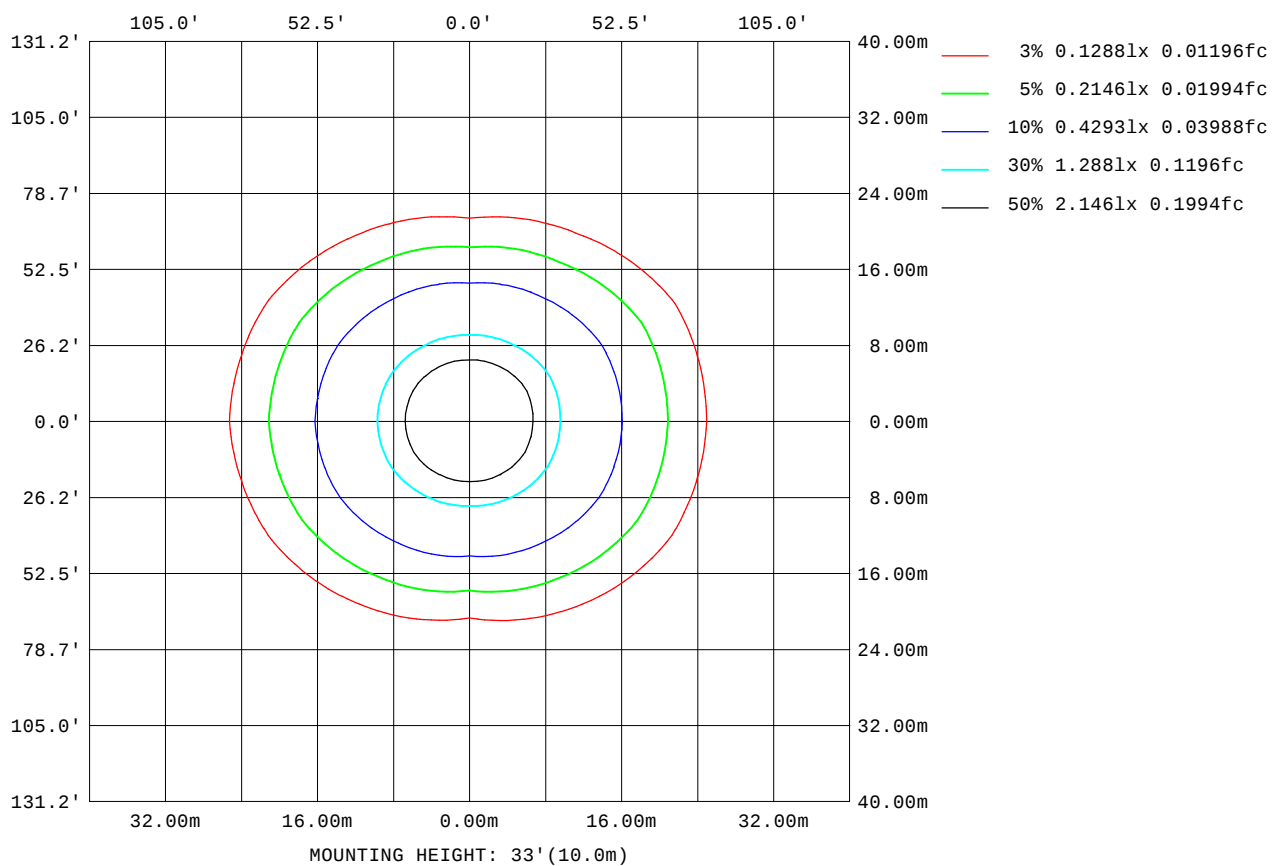
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k

ISOLUX DIAGRAM

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26DEG
Operators: JASON
Test Date: 2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity: 65%
Test Distance: 8.140m [K=1.0000]
Remarks: COB 8mm 3000k

LED Avg.L Report

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

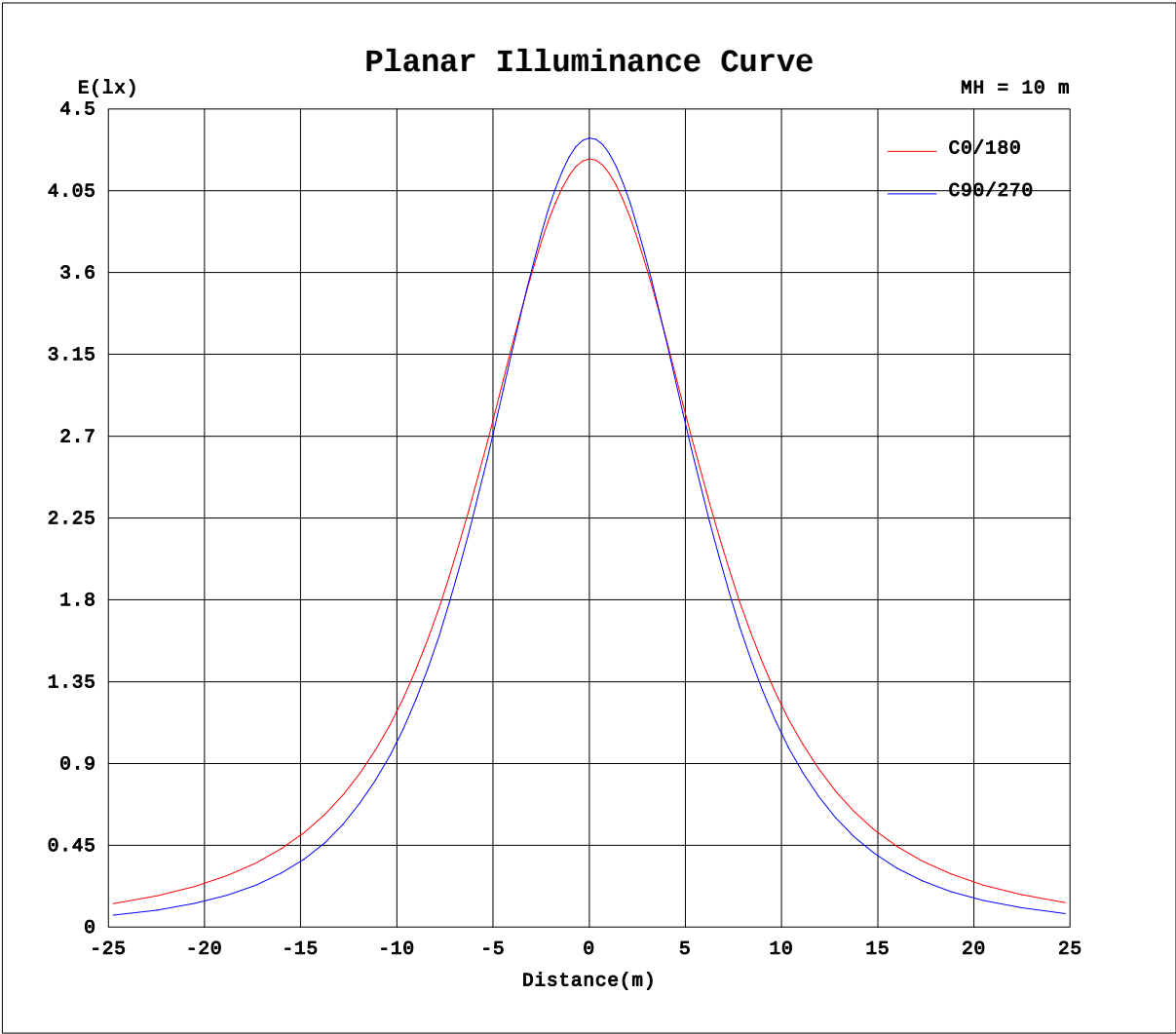
AvgL	cd/m2
L_0~180(65)av	6335
L_0~180(75)av	8630
L_0~180(85)av	19704
L_90~270(65)av	3767
L_90~270(75)av	2716
L_90~270(85)av	248
L_45(65)av	5440
L_45(75)av	7039
L_45(85)av	14544

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.140m [K=1.0000]
 Remarks: COB 8mm 3000k

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26DEG
Operators: JASON
Test Date: 2025-07-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.291
Humidity: 65%
Test Distance: 8.140m [K=1.0000]
Remarks: COB 8mm 3000k

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5320A P:12.48W PF:1.000 Lamp Flux:1631.07x1 lm		
NAME: COB STRIP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	423	431	434	434	434	435	423	431	434	434	434	435						
5	421	430	433	432	433	434	422	431	434	434	434	435						
10	417	425	426	425	426	428	419	427	429	429	430	431						
15	413	419	419	418	419	423	415	422	423	422	424	427						
20	404	409	405	402	404	412	407	413	411	409	412	418						
25	396	400	393	389	392	402	400	405	400	397	401	410						
30	382	384	373	365	371	386	388	390	381	375	382	395						
35	371	371	357	347	355	373	378	378	366	358	367	383						
40	352	350	330	316	328	352	361	359	340	329	341	363						
45	339	335	311	294	309	337	349	344	321	307	322	348						
50	319	311	280	257	277	313	329	322	291	272	292	324						
55	305	295	258	228	256	297	314	306	270	246	270	308						
60	283	272	224	187	222	271	292	280	235	205	234	284						
65	268	255	202	157	200	253	276	263	213	176	211	268						
70	242	226	172	110	167	223	252	236	180	127	179	241						
75	223	206	152	71.0	145	205	232	218	158	88.4	160	223						
80	195	176	117	21.1	111	173	204	189	126	35.3	128	187						
85	174	156	94.3	0.88	88.0	148	182	166	104	8.27	105	167						
90	112	99.6	46.9	0.98	40.8	91.7	133	117	64.8	1.17	66.7	122						
95	50.3	36.5	3.23	1.14	5.26	44.9	88.7	72.8	26.1	1.21	19.6	68.5						
100	3.90	2.26	1.62	1.38	1.47	3.86	23.0	12.0	1.65	1.40	1.93	5.69						
105	2.08	2.07	1.78	1.56	1.62	2.08	5.07	2.86	1.75	1.55	2.04	2.37						
110	2.31	2.34	2.04	1.86	1.90	2.28	2.51	2.33	1.98	1.82	2.23	2.51						
115	2.48	2.50	2.22	2.07	2.10	2.46	2.57	2.47	2.15	2.01	2.37	2.65						
120	2.71	2.75	2.50	2.38	2.42	2.73	2.79	2.69	2.40	2.31	2.60	2.84						
125	2.85	2.90	2.69	2.57	2.62	2.90	2.91	2.85	2.61	2.50	2.79	2.98						
130	3.01	3.08	2.94	2.83	2.90	3.09	3.10	3.06	2.88	2.78	3.03	3.19						
135	3.11	3.20	3.08	3.01	3.07	3.23	3.22	3.20	3.03	2.97	3.18	3.33						
140	3.28	3.40	3.32	3.27	3.30	3.43	3.40	3.38	3.27	3.23	3.44	3.56						
145	3.37	3.52	3.44	3.42	3.44	3.55	3.50	3.50	3.41	3.37	3.55	3.63						
150	3.53	3.69	3.62	3.63	3.63	3.71	3.65	3.66	3.61	3.59	3.74	3.80						
155	3.64	3.79	3.73	3.75	3.75	3.82	3.76	3.75	3.73	3.72	3.84	3.89						
160	3.77	3.90	3.87	3.90	3.89	3.98	3.90	3.87	3.89	3.88	3.98	4.02						
165	3.85	3.98	3.94	3.98	3.98	4.07	3.98	3.94	3.97	3.96	4.05	4.08						
170	3.95	4.06	4.04	4.09	4.08	4.17	4.07	4.03	4.06	4.06	4.14	4.14						
175	4.00	4.10	4.09	4.13	4.13	4.21	4.11	4.08	4.13	4.11	4.18	4.19						
180	4.11	4.14	4.15	4.16	4.20	4.21	4.10	4.14	4.15	4.16	4.19	4.21						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2025-07-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.140m [K=1.0000]
Remarks: COB 8mm 3000k