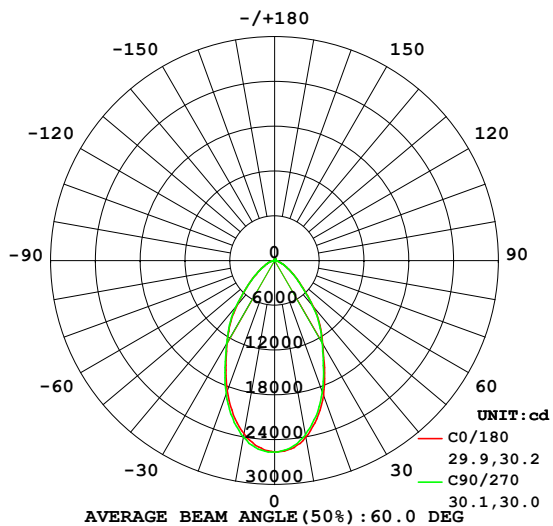


LUMINAIRE PHOTOMETRIC TEST REPORT

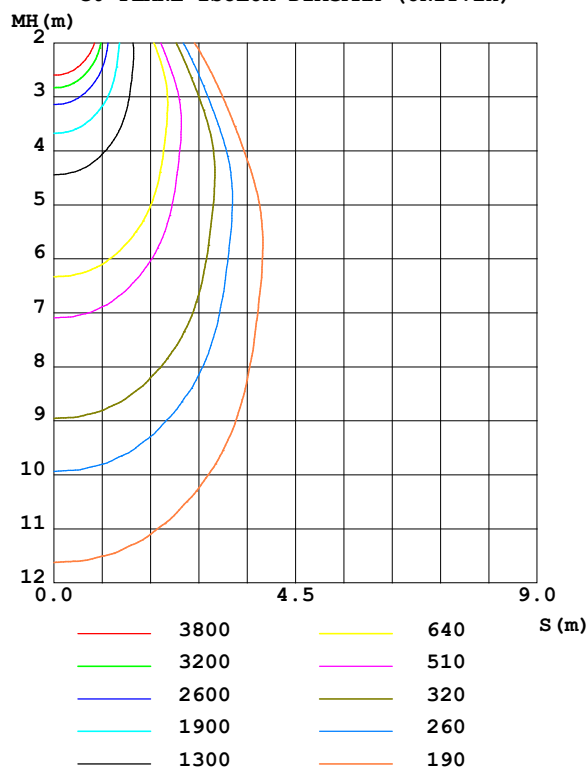
Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 157.49 lm/W
MODEL	HL-RHB-MW-MCCT-ML2-200W	Imax (cd)	25725	S/MH(C0/180)	0.86	
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	0.88	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	31169	η UP,DN(C0-180)	0.2,49.7	
NOMINAL FLUX(lm)	31169.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.9	
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	120	η down (%)	99.7	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3°C
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2402	2384	2372	2364	2357	2377	2405	2423	0- 10	2364	2364	7.58,7.58
20	1920	1888	1870	1856	1858	1871	1901	1931	10- 20	6036	8400	26.9,26.9
30	1289	1285	1280	1278	1275	1273	1286	1300	20- 30	7189	15589	50,50
40	810.8	818.1	791.9	799.0	793.2	803.3	809.0	821.1	30- 40	6548	22137	71,71
50	407.7	394.9	398.4	388.2	399.0	394.0	400.3	392.3	40- 50	4421	26558	85.2,85.2
60	197.5	191.0	194.3	183.5	191.6	187.3	191.1	187.2	50- 60	2508	29065	93.2,93.2
70	88.24	86.91	87.90	84.21	85.70	85.58	85.71	86.08	60- 70	1310	30375	97.5,97.5
80	26.76	28.32	28.34	27.97	27.95	28.28	27.11	27.82	70- 80	576.2	30951	99.3,99.3
90	0.4820	0.5246	0.4991	0.4221	0.4115	0.3825	0.4194	0.4915	80- 90	114.0	31065	99.7,99.7
100	0.1871	0.1848	0.1853	0.1884	0.1268	0.1321	0.1278	0.1256	90-100	1.820	31067	99.7,99.7
110	0.4071	0.4056	0.4057	0.4096	0.1965	0.2083	0.2005	0.2089	100-110	2.323	31069	99.7,99.7
120	0.8513	0.8538	0.8467	0.8521	0.2996	0.2984	0.2984	0.2931	110-120	4.255	31074	99.7,99.7
130	1.523	1.517	1.537	1.541	0.5731	0.5696	0.5639	0.5610	120-130	7.069	31081	99.7,99.7
140	2.532	2.515	2.567	2.606	1.125	1.112	1.108	1.099	130-140	10.86	31092	99.8,99.8
150	3.882	3.856	3.935	3.976	2.145	2.105	2.101	2.080	140-150	14.77	31106	99.8,99.8
160	5.575	5.520	5.610	5.655	5.423	5.374	5.338	5.295	150-160	18.27	31125	99.9,99.9
170	10.42	10.33	10.39	10.39	23.30	23.21	23.24	23.22	160-170	25.70	31150	99.9,99.9
180	18.61	18.64	18.74	18.76	19.05	19.12	19.18	19.24	170-180	19.08	31169	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

LUMINANCE LIMITATION CURVES

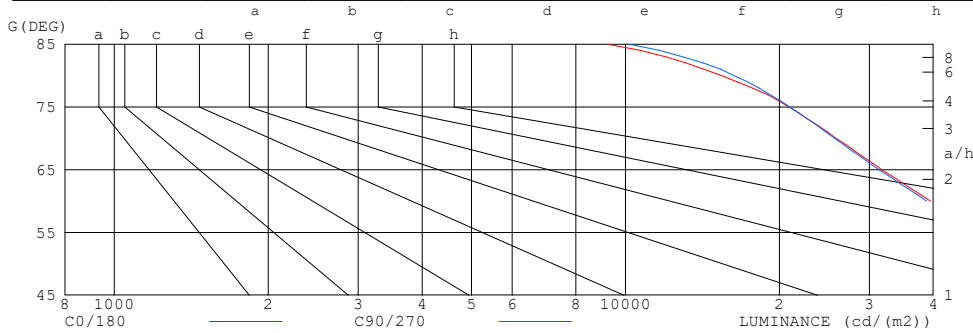
Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz

Lamp Flux:31169.4x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3°C
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

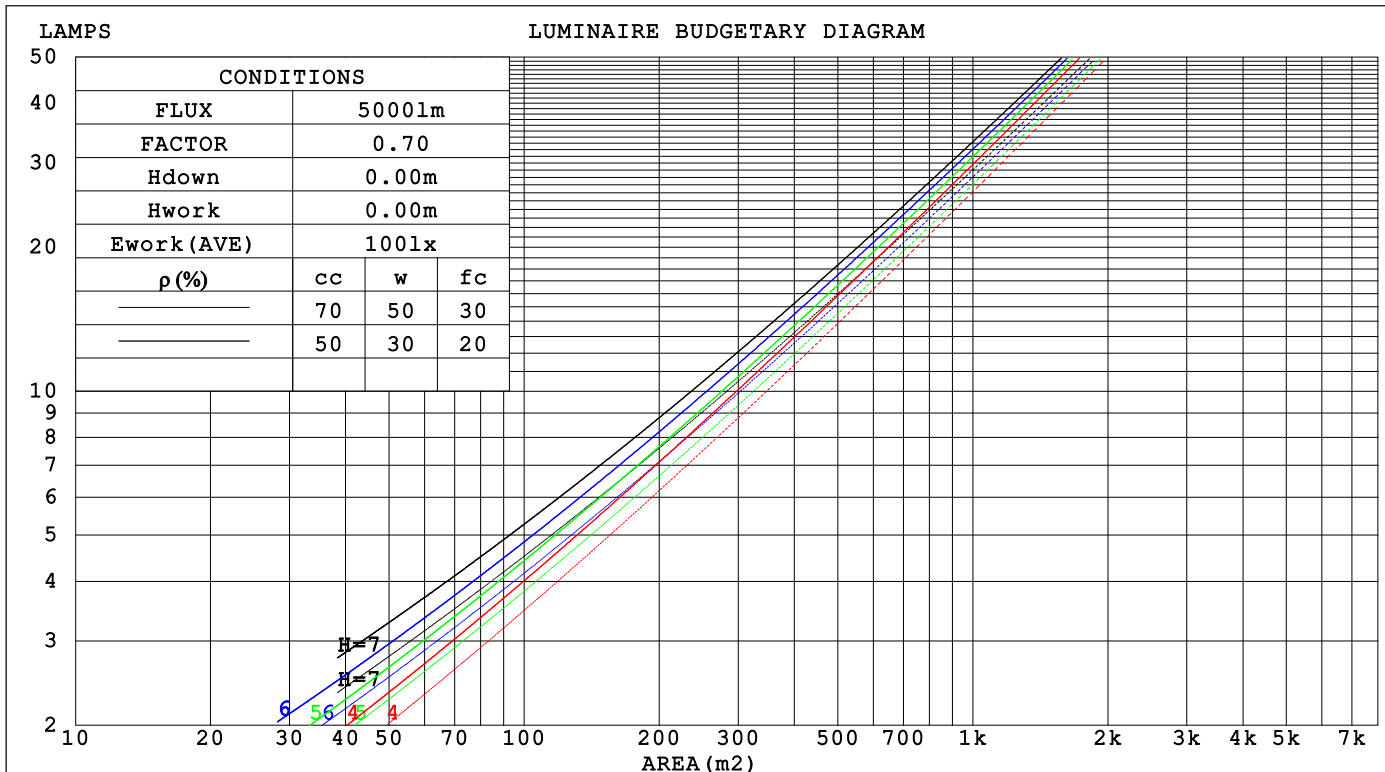
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz

Lamp Flux:31169.4x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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															



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

WEC AND CCEC

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz																	
Lamp Flux:31169.4x1 lm																	
NAME:						TYPE:						WEIGHT:					
SPEC.:						DIM.:						SERIAL No.:					
MFR.:						SUR.:						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	.223	.127	.040	.217	.124	.039	.203	.117	.037	.192	.110	.035	.181	.105	.034		
2.0	.215	.118	.036	.209	.115	.036	.198	.110	.034	.188	.105	.033	.178	.101	.032		
3.0	.204	.109	.033	.199	.107	.032	.189	.103	.031	.180	.099	.030	.172	.095	.029		
4.0	.193	.100	.029	.188	.098	.029	.180	.095	.028	.172	.092	.028	.164	.089	.027		
5.0	.182	.093	.027	.178	.091	.027	.170	.089	.026	.163	.086	.026	.157	.084	.025		
6.0	.172	.086	.025	.168	.085	.024	.161	.083	.024	.155	.081	.024	.149	.079	.023		
7.0	.162	.080	.023	.159	.079	.023	.153	.077	.022	.148	.076	.022	.142	.074	.022		
8.0	.154	.075	.021	.151	.074	.021	.145	.073	.021	.140	.071	.021	.136	.070	.020		
9.0	.146	.071	.020	.143	.070	.020	.138	.068	.019	.134	.067	.019	.130	.066	.019		
10.0	.139	.066	.018	.136	.066	.018	.132	.065	.018	.128	.064	.018	.124	.062	.018		

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021		
1.0	.177	.159	.144	.151	.137	.124	.104	.094	.086	.060	.054	.050	.019	.018	.016		
2.0	.165	.135	.110	.141	.116	.095	.097	.080	.066	.056	.047	.039	.018	.015	.013		
3.0	.154	.116	.086	.132	.100	.075	.091	.070	.052	.052	.041	.031	.017	.013	.010		
4.0	.146	.102	.069	.125	.088	.060	.086	.062	.042	.050	.036	.025	.016	.012	.008		
5.0	.138	.091	.057	.118	.079	.050	.081	.055	.035	.047	.032	.021	.015	.011	.007		
6.0	.131	.082	.048	.112	.071	.042	.077	.050	.029	.045	.029	.018	.014	.010	.006		
7.0	.124	.075	.041	.107	.065	.036	.074	.046	.025	.043	.027	.015	.014	.009	.005		
8.0	.118	.069	.035	.102	.060	.031	.071	.042	.022	.041	.025	.013	.013	.008	.004		
9.0	.113	.064	.031	.097	.056	.027	.067	.039	.019	.039	.023	.012	.013	.008	.004		
10.0	.108	.060	.028	.093	.052	.024	.065	.037	.017	.038	.022	.010	.012	.007	.003		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.:			SUR.:			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	13.1	14.3	13.4	14.5	14.7	13.1	14.2	13.3	14.4	14.6
3H	13.5	14.6	13.8	14.8	15.1	13.5	14.6	13.7	14.8	15.0
4H	13.7	14.7	14.0	14.9	15.2	13.6	14.6	13.9	14.9	15.1
6H	13.7	14.7	14.0	14.9	15.2	13.7	14.6	14.0	14.9	15.1
8H	13.7	14.6	14.0	14.9	15.2	13.7	14.6	14.0	14.9	15.1
12H	13.7	14.6	14.0	14.8	15.1	13.6	14.5	14.0	14.8	15.1
4H 2H	13.3	14.3	13.6	14.5	14.8	13.2	14.2	13.5	14.5	14.7
3H	13.8	14.7	14.1	15.0	15.3	13.7	14.6	14.1	14.9	15.2
4H	14.0	14.8	14.4	15.1	15.4	13.9	14.8	14.3	15.1	15.4
6H	14.1	14.8	14.5	15.2	15.5	14.1	14.8	14.5	15.1	15.5
8H	14.1	14.8	14.5	15.2	15.5	14.1	14.8	14.5	15.1	15.5
12H	14.1	14.7	14.5	15.1	15.5	14.1	14.7	14.5	15.1	15.5
8H 4H	14.0	14.7	14.4	15.0	15.4	14.0	14.6	14.4	15.0	15.4
6H	14.2	14.7	14.6	15.1	15.6	14.2	14.7	14.6	15.1	15.5
8H	14.2	14.7	14.7	15.1	15.6	14.2	14.7	14.7	15.1	15.6
12H	14.2	14.7	14.7	15.1	15.6	14.2	14.6	14.7	15.1	15.6
12H 4H	14.0	14.6	14.4	15.0	15.4	13.9	14.5	14.4	14.9	15.3
6H	14.2	14.7	14.6	15.1	15.5	14.1	14.6	14.6	15.0	15.5
8H	14.2	14.6	14.7	15.1	15.6	14.2	14.6	14.7	15.1	15.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.2					+ 0.9 / - 1.2				
1.5H	+ 1.1 / - 0.8					+ 1.0 / - 0.8				
2.0H	+ 1.7 / - 1.4					+ 1.7 / - 1.3				

CIE Pub.117, 31169 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.9)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

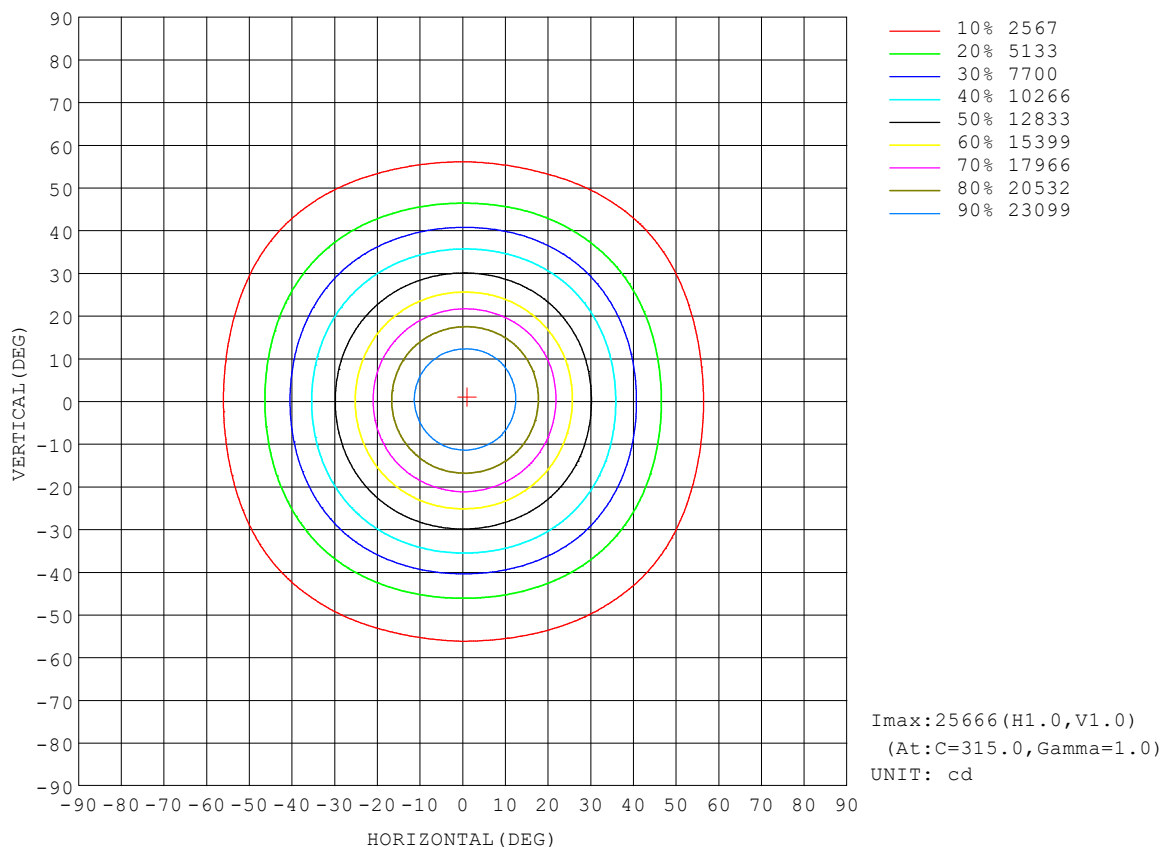
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	73	64	59	72	64	59	54
0.80	82	74	69	82	74	68	80	73	68	63
1.00	89	81	76	88	81	76	86	81	75	70
1.25	95	87	82	94	87	82	91	85	81	76
1.50	99	92	87	97	91	86	95	89	85	80
2.00	103	97	93	102	96	92	99	94	91	84
2.50	106	100	96	104	99	95	101	97	93	86
3.00	108	103	100	106	102	98	102	99	96	89
4.00	111	107	104	109	105	102	105	102	100	92
5.00	112	109	106	110	107	105	106	104	102	93
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3°C
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

ISOCANDELA DIAGRAM

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

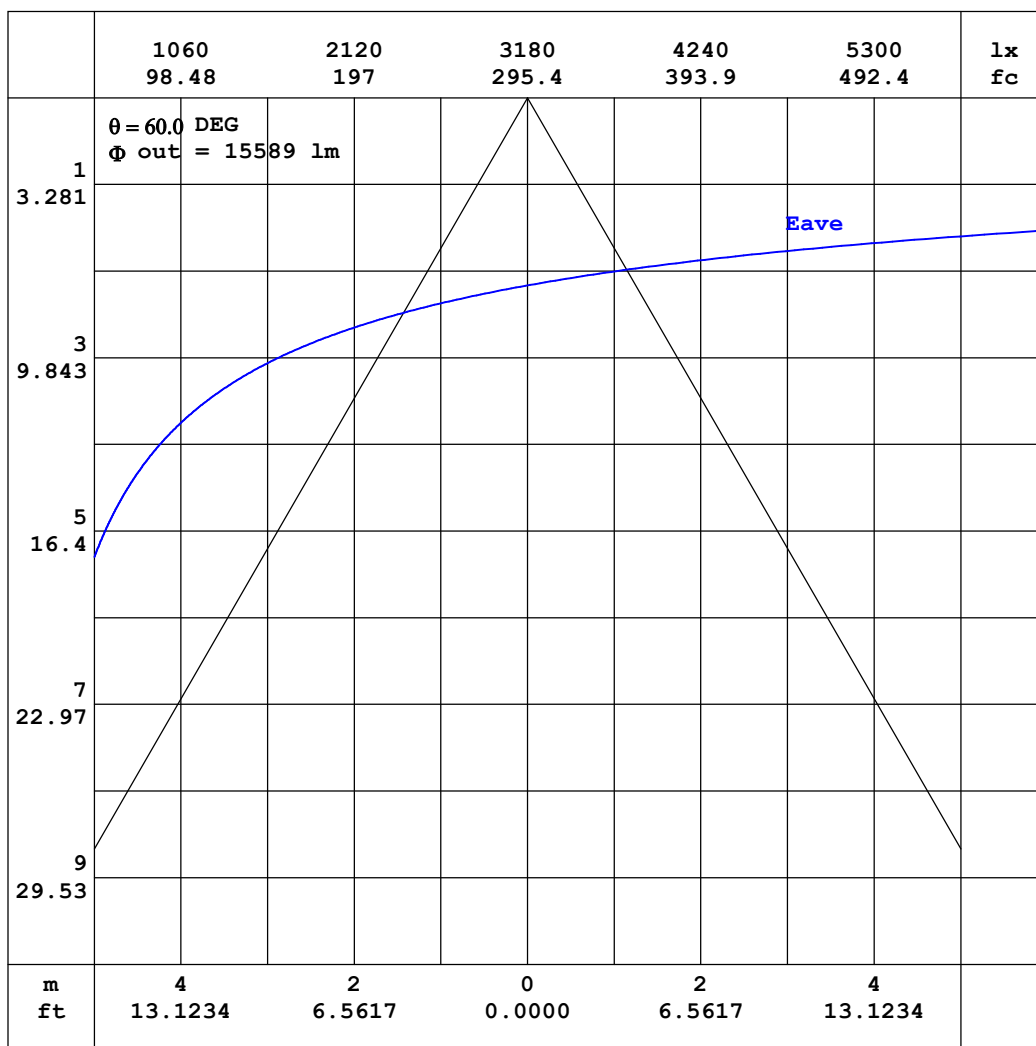


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

AAI CURVES

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



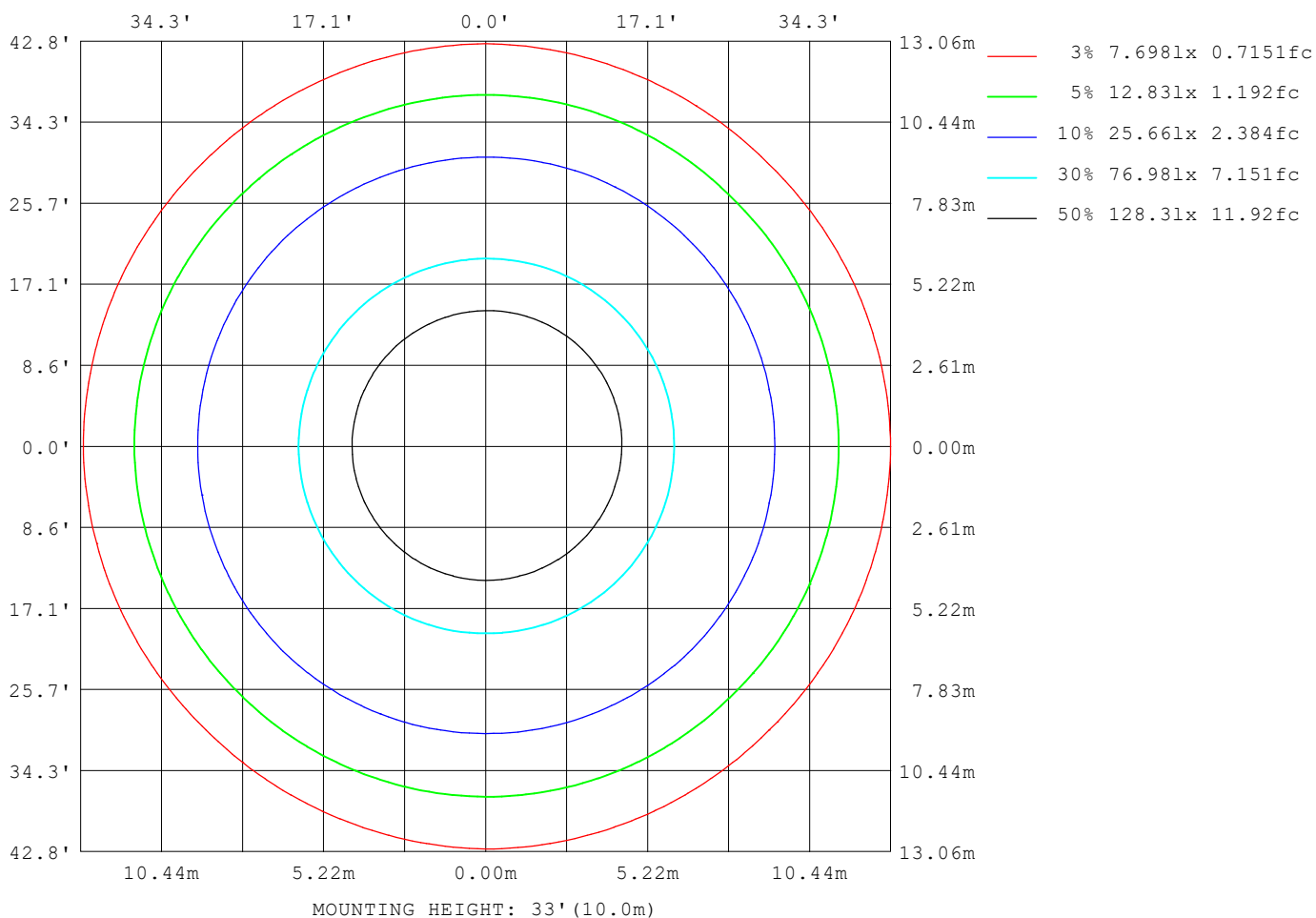
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28.3°C
 Operators:DAMIN
 Test Date:2025-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance:26.000m [K=0.4255]
 Remarks:

ISOLUX DIAGRAM

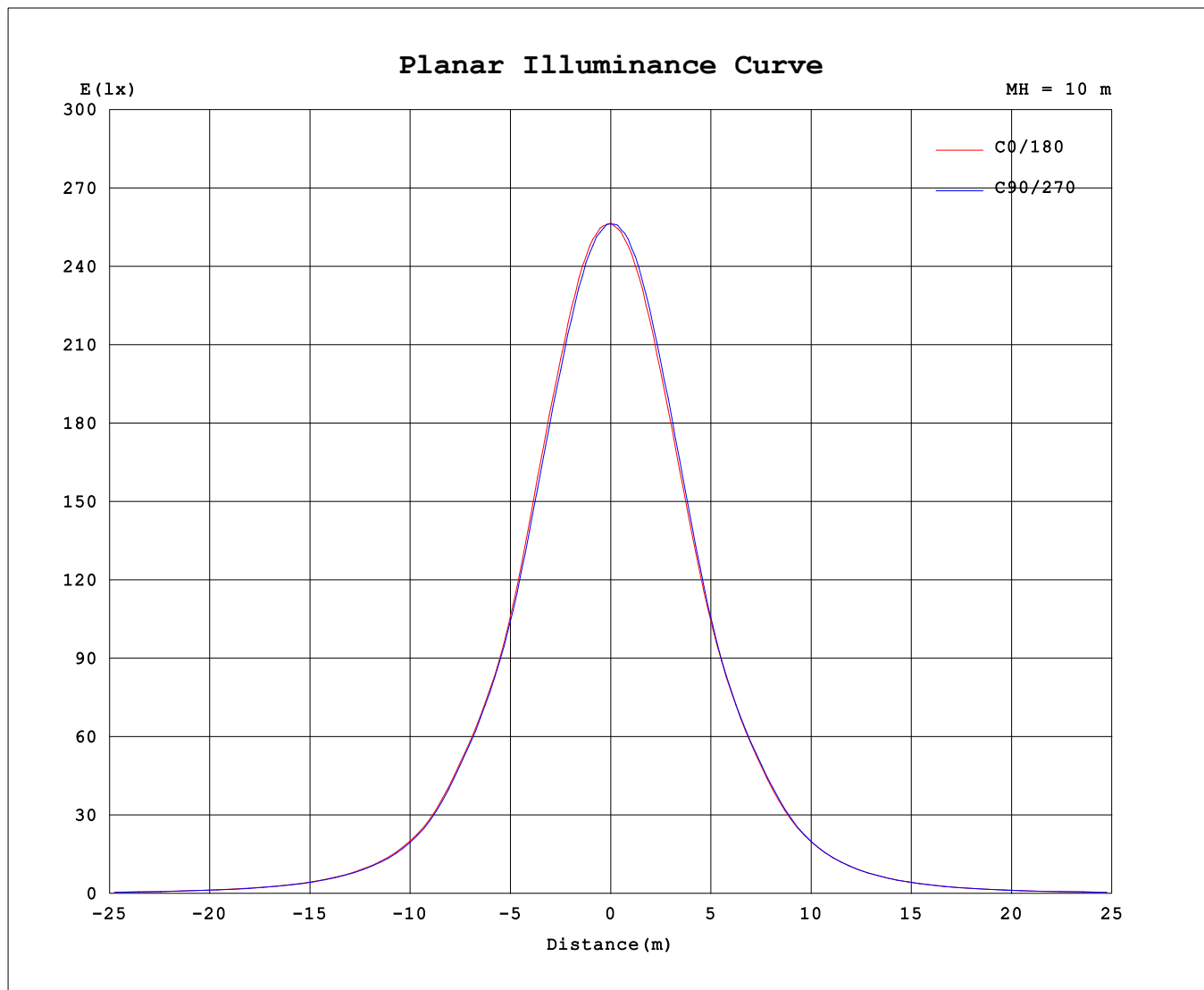
Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3°C
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3°C
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.88V I:1.6682A P:197.91W PF:0.9979 Freq:60.01Hz Lamp Flux:31169.4x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565			
5	2533	2536	2517	2520	2513	2509	2511	2500	2506	2516	2519	2520	2536	2533	2542	2537			
10	2402	2404	2384	2375	2372	2356	2364	2352	2357	2376	2377	2389	2405	2406	2423	2411			
15	2192	2182	2168	2154	2154	2139	2138	2134	2139	2151	2152	2171	2183	2197	2207	2198			
20	1920	1903	1888	1877	1870	1862	1856	1854	1858	1863	1871	1882	1901	1917	1931	1932			
25	1583	1575	1559	1558	1552	1548	1548	1544	1550	1554	1557	1562	1580	1585	1596	1596			
30	1289	1294	1285	1280	1280	1276	1278	1274	1275	1279	1273	1279	1286	1290	1300	1297			
35	1067	1072	1071	1057	1052	1049	1049	1045	1045	1046	1043	1048	1055	1067	1074	1070			
40	811	818	818	804	792	794	799	794	793	798	803	804	809	819	821	817			
45	569	571	563	559	555	555	560	556	561	566	566	563	566	569	567	569			
50	408	405	395	396	398	390	388	391	399	400	394	395	400	395	392	401			
55	286	280	275	277	280	270	266	271	278	275	271	274	278	271	272	278			
60	198	194	191	193	194	188	184	187	192	189	187	189	191	186	187	192			
65	134	132	130	132	133	129	126	128	130	129	128	129	130	127	129	132			
70	88.2	87.4	86.9	87.3	87.9	85.5	84.2	85.5	85.7	85.5	85.6	85.7	85.7	84.4	86.1	87.3			
75	54.1	53.9	54.1	54.2	54.3	53.4	52.7	53.6	53.4	53.4	53.7	53.3	52.6	52.3	53.5	54.1			
80	26.8	28.1	28.3	28.4	28.3	28.1	28.0	28.2	28.0	28.1	28.3	27.7	27.1	27.0	27.8	27.6			
85	8.04	8.58	8.81	8.85	8.89	8.71	8.74	8.68	8.76	8.74	8.73	8.51	8.38	8.19	8.41	8.16			
90	0.48	0.51	0.52	0.52	0.50	0.46	0.42	0.38	0.41	0.39	0.38	0.39	0.42	0.45	0.49	0.52			
95	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
100	0.19	0.19	0.18	0.18	0.19	0.18	0.19	0.19	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
105	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.15	0.16	0.16	0.15	0.15	0.15	0.15	0.15			
110	0.41	0.41	0.41	0.40	0.41	0.41	0.41	0.42	0.20	0.23	0.21	0.20	0.20	0.19	0.21	0.21			
115	0.60	0.59	0.61	0.59	0.62	0.60	0.59	0.63	0.27	0.27	0.24	0.25	0.26	0.23	0.25	0.25			
120	0.85	0.86	0.85	0.85	0.85	0.86	0.85	0.86	0.30	0.31	0.30	0.30	0.30	0.29	0.29	0.29			
125	1.15	1.16	1.15	1.15	1.16	1.17	1.17	1.17	0.41	0.41	0.41	0.41	0.40	0.39	0.40	0.40			
130	1.52	1.52	1.52	1.52	1.54	1.54	1.54	1.54	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.57			
135	1.98	1.97	1.97	1.98	2.00	2.01	2.01	2.02	0.82	0.82	0.81	0.81	0.80	0.80	0.80	0.81			
140	2.53	2.53	2.52	2.54	2.57	2.58	2.61	2.61	1.12	1.12	1.11	1.11	1.11	1.10	1.10	1.11			
145	3.16	3.17	3.15	3.17	3.21	3.22	3.26	3.27	1.53	1.51	1.50	1.50	1.50	1.49	1.49	1.49			
150	3.88	3.88	3.86	3.88	3.94	3.95	3.98	4.00	2.14	2.11	2.11	2.11	2.10	2.08	2.08	2.08			
155	4.63	4.63	4.59	4.64	4.67	4.70	4.72	4.75	3.22	3.16	3.16	3.16	3.15	3.13	3.12	3.13			
160	5.57	5.58	5.52	5.59	5.61	5.62	5.65	5.66	5.42	5.37	5.37	5.35	5.34	5.31	5.30	5.31			
165	7.21	7.23	7.16	7.19	7.24	7.22	7.27	7.29	10.4	10.4	10.4	10.3	10.3	10.3	10.3	10.3			
170	10.4	10.4	10.3	10.4	10.4	10.4	10.4	10.4	23.3	23.3	23.2	23.3	23.2	23.2	23.2	23.1			
175	14.3	14.3	14.2	14.2	14.2	14.2	14.2	14.2	28.7	28.7	28.6	28.7	28.7	28.8	28.8	28.9			
180	18.6	18.6	18.6	18.6	18.7	18.7	18.8	18.6	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.3			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.3℃
Operators:DAMIN
Test Date:2025-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks: