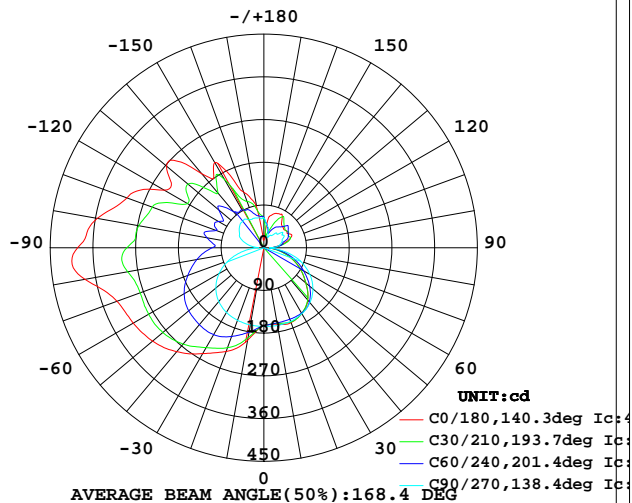


LUMINAIRE PHOTOMETRIC TEST REPORT

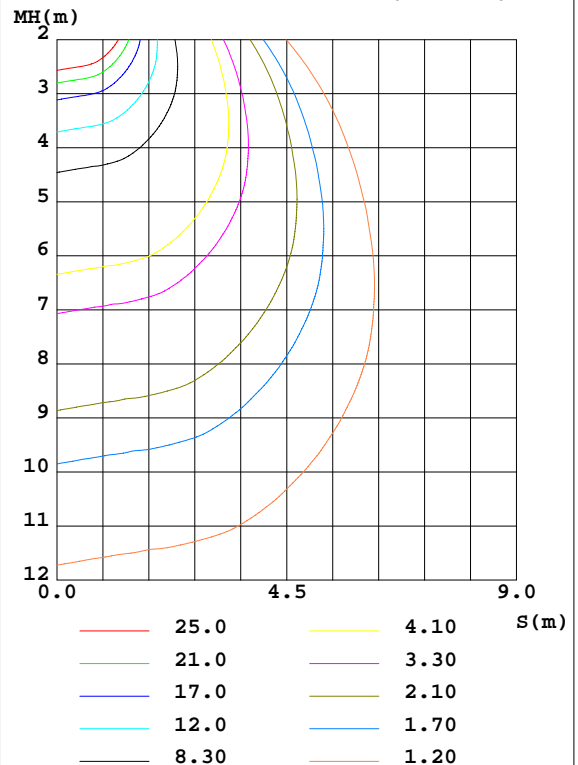
Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.57 lm/W			
MODEL	4905BN-36	I _{max} (cd)	405.7	S/MH(C0/180)	2.37
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.42
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1650.2	η UP,DN(C0-180)	17.7,28.8
NOMINAL FLUX(lm)	1650.2	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	21.5,32.0
LAMPS INSIDE	1	η up(%)	39.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	60.8	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [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	163.8	159.7	166.4	194.6	197.5	185.6	165.2	164.2	0- 10	16.26	16.26	0.99,0.99
20	167.9	162.2	165.1	228.6	232.5	212.6	162.9	166.1	10- 20	51.72	67.98	4.12,4.12
30	160.2	159.5	160.5	252.6	257.4	226.0	157.5	165.6	20- 30	88.90	156.9	9.51,9.51
40	144.1	144.6	151.0	260.0	286.0	239.0	148.0	153.1	30- 40	122.0	278.9	16.9,16.9
50	115.9	119.8	135.1	254.0	306.1	245.1	132.0	126.5	40- 50	145.4	424.3	25.7,25.7
60	88.02	90.81	111.7	242.5	317.8	240.1	109.1	97.11	50- 60	155.8	580.1	35.2,35.2
70	59.33	60.91	82.21	227.2	329.6	225.9	79.35	68.63	60- 70	153.0	733.0	44.4,44.4
80	30.50	29.81	43.07	220.4	382.7	214.7	44.92	37.87	70- 80	142.3	875.4	53,53
90	12.31	17.03	13.36	192.3	392.5	194.2	12.27	11.72	80- 90	128.4	1004	60.8,60.8
100	36.49	43.12	34.16	197.2	356.7	187.8	31.75	35.03	90-100	120.9	1125	68.2,68.2
110	59.34	52.21	41.93	196.2	307.3	188.8	49.79	50.91	100-110	125.2	1250	75.7,75.7
120	59.45	61.66	49.49	167.8	243.1	148.8	59.28	60.67	110-120	112.6	1362	82.6,82.6
130	58.08	62.38	51.24	145.1	267.9	148.3	67.48	46.60	120-130	95.68	1458	88.4,88.4
140	60.01	72.42	41.02	144.4	204.0	165.2	71.42	45.85	130-140	79.19	1537	93.2,93.2
150	77.61	54.74	30.03	71.79	207.5	103.8	69.08	44.27	140-150	55.88	1593	96.5,96.5
160	77.26	41.72	24.05	61.43	125.1	91.67	66.01	47.20	150-160	34.33	1628	98.6,98.6
170	66.99	37.72	45.89	55.10	84.34	73.69	64.29	58.04	160-170	17.41	1645	99.7,99.7
180	16.73	63.12	63.03	63.00	16.83	62.71	62.81	62.85	170-180	5.248	1650	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

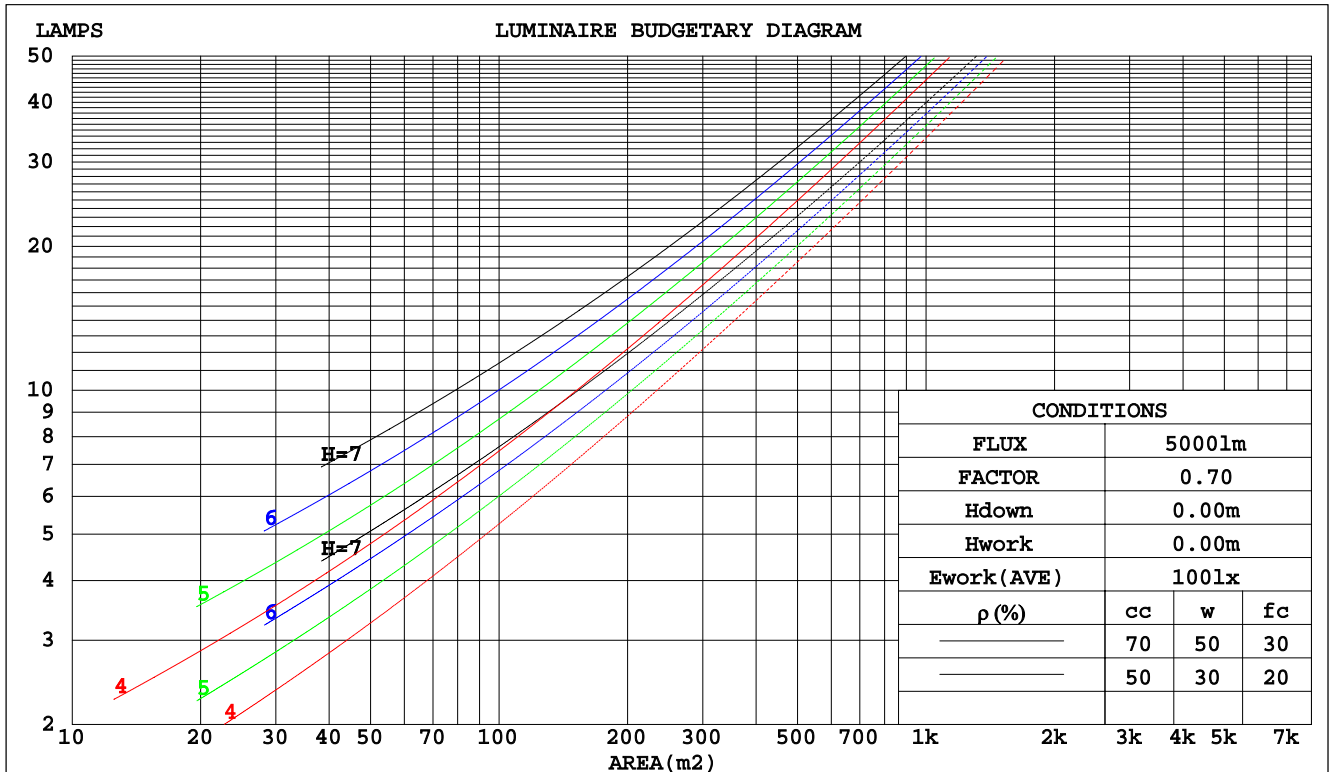
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	1.10	1.10	1.10	1.03	1.03	1.03	.89	.89	.89	.77	.77	.77	.66	.66	.66	.61
1.0	.90	.85	.80	.84	.80	.75	.73	.69	.66	.62	.59	.57	.52	.50	.48	.43
2.0	.77	.69	.63	.72	.65	.59	.62	.56	.51	.52	.48	.44	.44	.41	.38	.33
3.0	.66	.57	.50	.62	.54	.47	.53	.47	.42	.45	.40	.36	.38	.34	.31	.27
4.0	.58	.49	.42	.54	.46	.39	.46	.40	.34	.40	.34	.30	.33	.29	.25	.22
5.0	.51	.42	.35	.48	.39	.33	.41	.34	.29	.35	.29	.25	.29	.25	.21	.18
6.0	.46	.36	.30	.42	.34	.28	.37	.30	.25	.31	.26	.22	.26	.22	.18	.15
7.0	.41	.32	.26	.38	.30	.24	.33	.26	.21	.28	.23	.19	.24	.19	.16	.13
8.0	.37	.28	.22	.35	.27	.21	.30	.23	.19	.26	.20	.16	.22	.17	.14	.12
9.0	.34	.25	.20	.31	.24	.19	.27	.21	.17	.24	.18	.15	.20	.16	.12	.10
10.0	.31	.23	.18	.29	.22	.17	.25	.19	.15	.22	.17	.13	.18	.14	.11	.09



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	.387	.220	.070	.368	.210	.067	.333	.191	.061	.300	.173	.055	.269	.156	.050		
2.0	.331	.181	.056	.314	.173	.053	.281	.156	.049	.251	.141	.044	.223	.126	.040		
3.0	.292	.156	.047	.277	.148	.045	.247	.134	.041	.219	.120	.037	.194	.107	.033		
4.0	.262	.136	.040	.248	.130	.038	.221	.117	.035	.195	.105	.032	.172	.093	.028		
5.0	.238	.121	.035	.225	.115	.034	.200	.104	.031	.177	.093	.028	.155	.083	.025		
6.0	.218	.109	.031	.206	.104	.030	.183	.094	.027	.161	.084	.025	.141	.074	.022		
7.0	.201	.099	.028	.190	.094	.027	.168	.085	.024	.148	.076	.022	.130	.067	.020		
8.0	.186	.091	.026	.176	.086	.024	.156	.078	.022	.137	.070	.020	.120	.062	.018		
9.0	.173	.084	.023	.164	.080	.022	.145	.072	.020	.128	.064	.018	.112	.057	.016		
10.0	.162	.078	.022	.153	.074	.021	.136	.067	.019	.120	.059	.017	.105	.053	.015		

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	.489	.489	.489	.418	.418	.418	.285	.285	.285	.164	.164	.164	.052	.052	.052	
1.0	.487	.456	.429	.416	.392	.369	.285	.269	.255	.164	.156	.149	.053	.050	.048	
2.0	.480	.435	.396	.412	.374	.342	.282	.259	.239	.163	.151	.140	.052	.049	.046	
3.0	.473	.419	.376	.406	.361	.326	.279	.251	.228	.161	.147	.135	.052	.048	.044	
4.0	.466	.407	.362	.400	.352	.315	.275	.245	.222	.159	.144	.131	.051	.047	.043	
5.0	.459	.398	.353	.394	.344	.307	.271	.241	.217	.157	.141	.129	.051	.046	.042	
6.0	.452	.390	.346	.388	.338	.302	.268	.237	.213	.155	.139	.127	.050	.046	.042	
7.0	.445	.384	.342	.383	.333	.298	.264	.233	.211	.154	.138	.126	.050	.045	.042	
8.0	.438	.379	.338	.377	.329	.295	.261	.231	.209	.152	.136	.125	.049	.045	.041	
9.0	.432	.374	.335	.372	.325	.292	.258	.228	.208	.150	.135	.124	.049	.044	.041	
10.0	.427	.370	.333	.368	.322	.290	.255	.226	.206	.149	.134	.123	.048	.044	.041	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm											
NAME: 4905BN-36						TYPE:LED			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.:						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	10.5	11.7	11.3	12.5	13.4	11.4	12.6	12.2	13.3	14.3	
	3H	12.1	13.2	12.9	14.0	15.0	13.3	14.4	14.1	15.2	16.2
	4H	12.8	13.8	13.6	14.6	15.6	14.2	15.2	15.0	16.0	17.0
	6H	13.4	14.3	14.2	15.2	16.2	14.9	15.9	15.7	16.7	17.7
	8H	13.6	14.5	14.4	15.4	16.4	15.2	16.1	16.0	16.9	18.0
	12H	13.8	14.7	14.6	15.5	16.6	15.4	16.3	16.3	17.1	18.2
4H	2H	11.1	12.1	11.9	12.9	13.9	11.8	12.8	12.6	13.6	14.6
	3H	12.8	13.7	13.7	14.6	15.6	13.8	14.7	14.7	15.5	16.6
	4H	13.7	14.4	14.5	15.3	16.4	14.8	15.6	15.7	16.5	17.6
	6H	14.4	15.1	15.2	15.9	17.1	15.7	16.4	16.6	17.3	18.4
	8H	14.6	15.3	15.5	16.2	17.3	16.0	16.7	16.9	17.6	18.7
	12H	14.9	15.5	15.8	16.4	17.5	16.3	16.9	17.2	17.9	19.0
8H	4H	13.9	14.6	14.8	15.5	16.6	14.9	15.6	15.8	16.5	17.6
	6H	14.8	15.3	15.7	16.3	17.4	16.0	16.5	16.9	17.4	18.6
	8H	15.2	15.7	16.1	16.6	17.8	16.4	16.9	17.4	17.9	19.0
	12H	15.5	15.9	16.4	16.9	18.1	16.9	17.3	17.8	18.2	19.4
12H	4H	13.9	14.5	14.8	15.5	16.6	14.9	15.5	15.8	16.4	17.6
	6H	14.8	15.3	15.8	16.3	17.5	16.0	16.5	16.9	17.4	18.6
	8H	15.3	15.7	16.2	16.7	17.9	16.5	16.9	17.4	17.9	19.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1650 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

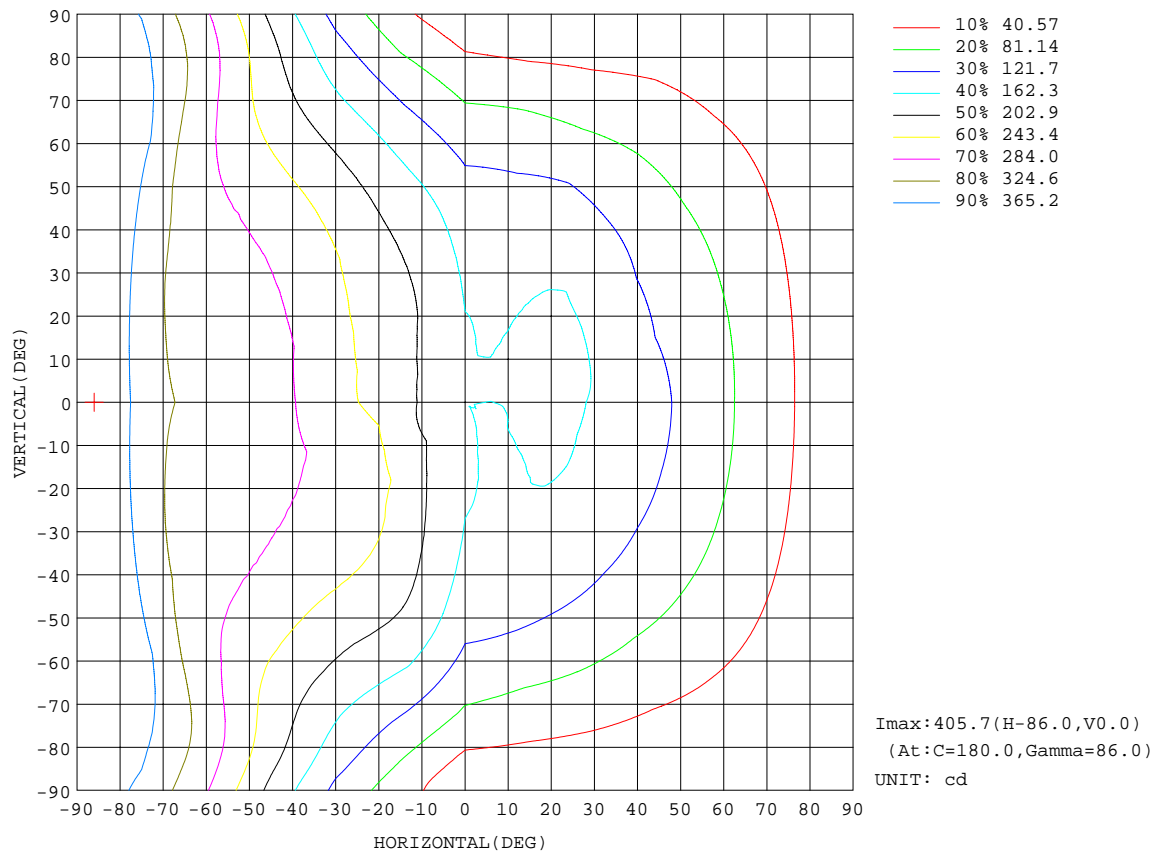
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	40	28	21	39	27	20	36	25	19	12
0.80	49	36	28	47	34	27	42	32	25	16
1.00	57	43	34	54	41	33	48	40	31	20
1.25	64	50	41	60	48	40	54	44	37	24
1.50	69	56	47	65	53	45	58	48	41	27
2.00	77	65	56	72	61	53	63	55	48	32
2.50	81	70	62	76	66	59	67	59	53	35
3.00	85	75	67	80	71	64	70	63	57	38
4.00	90	82	74	84	77	70	74	68	63	42
5.00	94	86	79	87	81	75	76	71	67	45
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:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

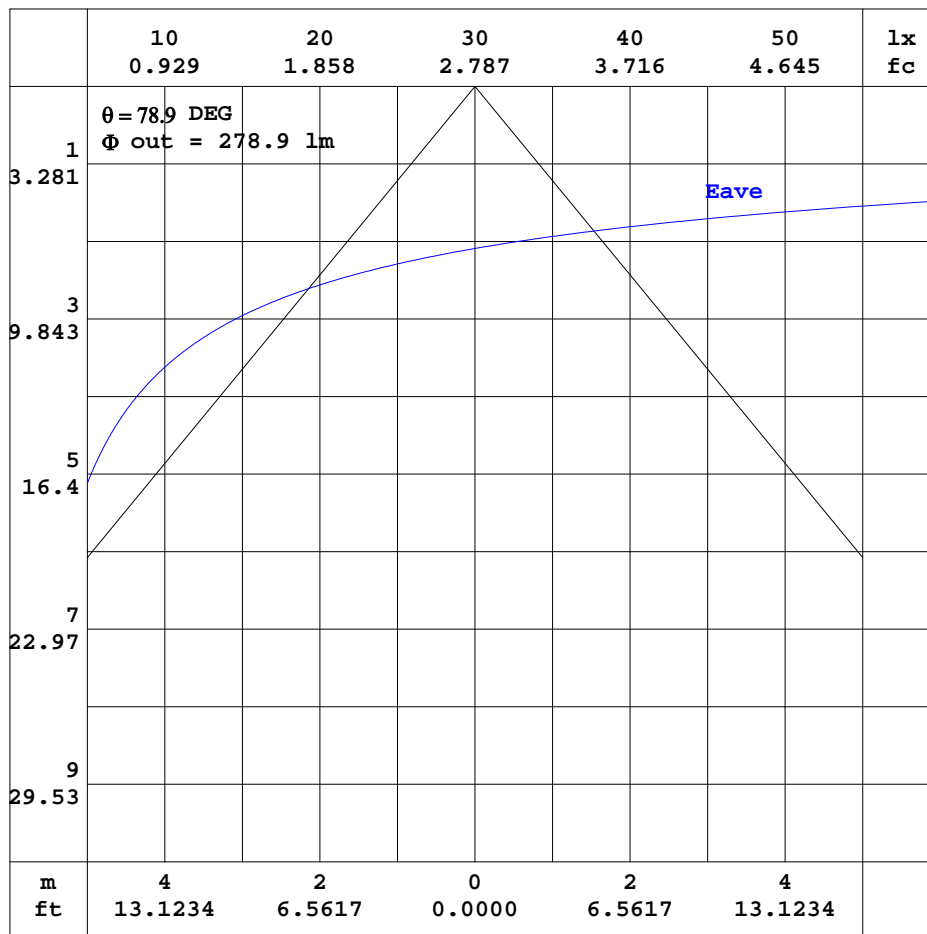


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

AAI CURVES

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



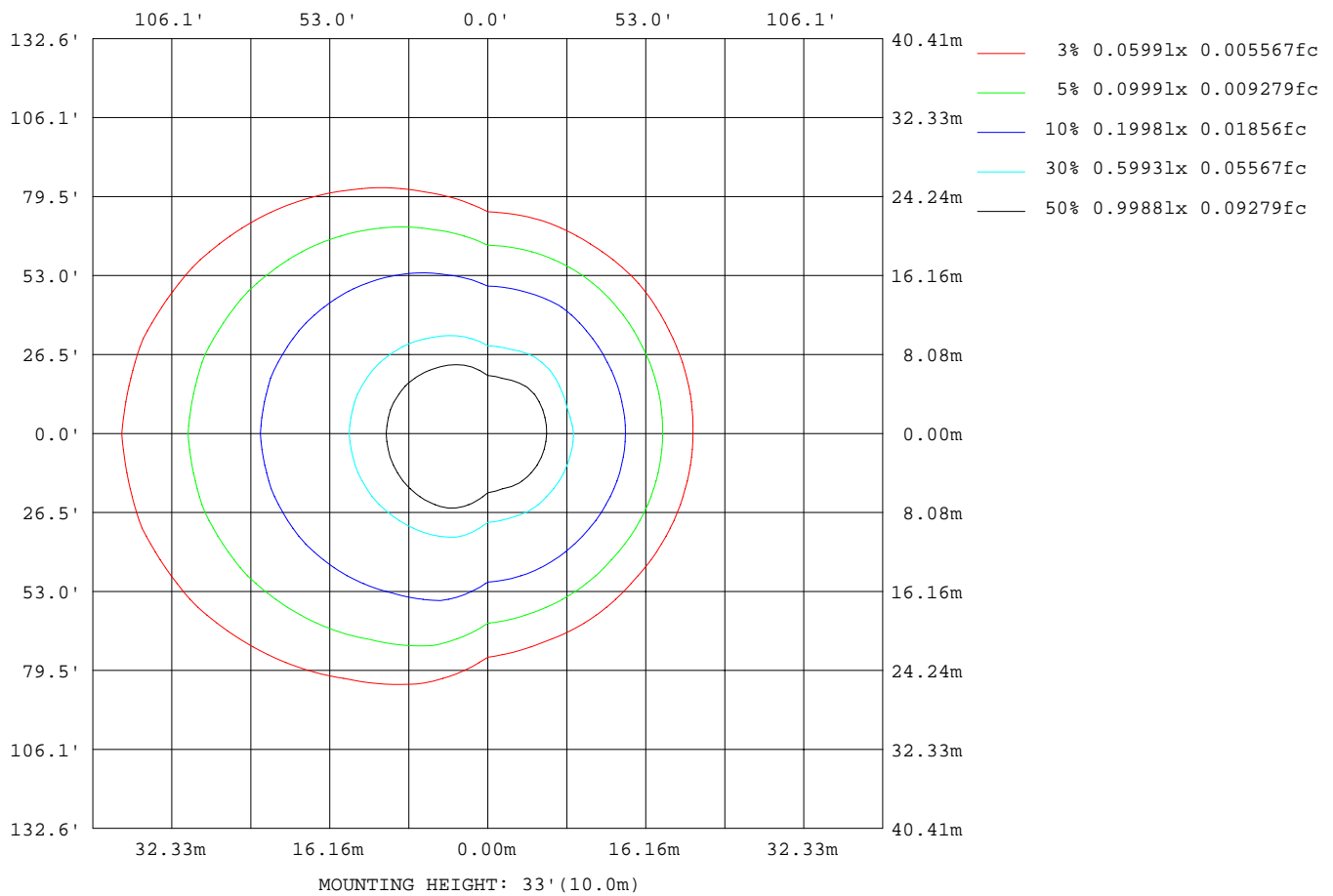
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

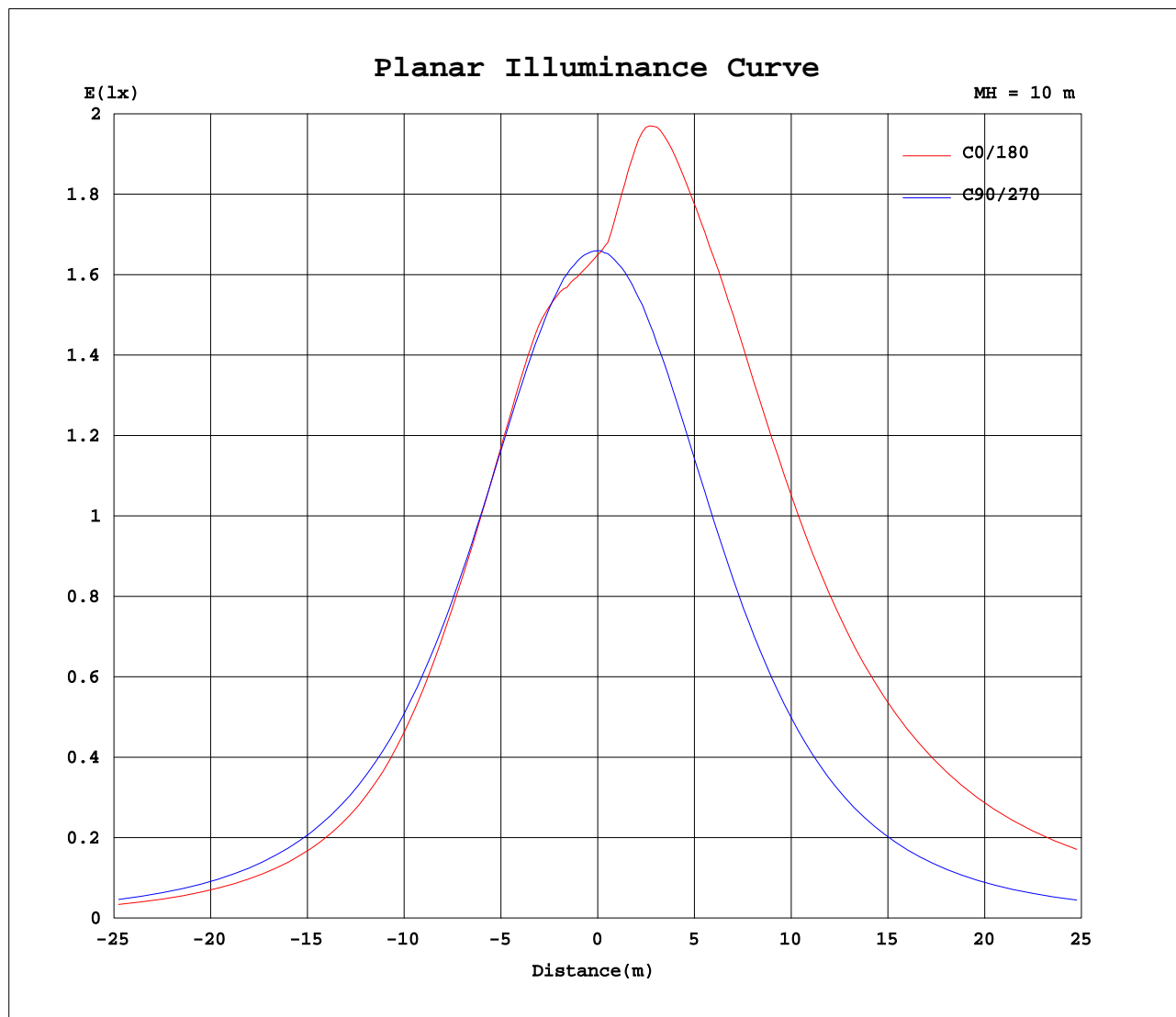
AvgL	cd/m2
L_0~180(65)av	4685
L_0~180(75)av	7595
L_0~180(85)av	24207
L_90~270(65)av	2273
L_90~270(75)av	2446
L_90~270(85)av	2909
L_45(65)av	3718
L_45(75)av	5216
L_45(85)av	13161

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm																		
NAME: 4905BN-36									TYPE:LED					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR									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	165	164	164	163	164	166	166	166	167	167	164	164	165	164	164	163	164	166	166
5	162	161	162	160	162	163	166	171	175	180	177	177	176	175	174	172	171	169	166
10	164	162	162	160	161	163	166	176	185	195	195	196	198	196	193	186	180	173	165
15	167	165	164	161	160	161	166	181	196	211	214	218	219	216	211	200	190	177	164
20	168	167	167	162	160	160	165	186	207	229	237	241	233	229	224	213	199	181	163
25	165	164	165	163	160	158	163	190	219	244	252	256	244	241	234	220	207	183	161
30	160	159	160	159	159	155	161	194	229	253	263	269	257	254	243	226	212	184	158
35	154	152	153	153	156	152	157	196	236	258	272	279	273	269	254	233	213	184	153
40	144	143	144	145	149	146	151	197	236	260	276	286	286	281	265	239	212	183	148
45	131	129	131	133	139	140	144	196	232	258	279	293	297	291	273	244	209	178	141
50	116	115	116	120	126	130	135	193	225	254	281	298	306	299	278	245	207	170	132
55	102	102	102	105	111	119	124	183	215	248	281	302	313	305	281	244	202	160	121
60	88.0	88.1	88.7	90.8	96.7	104	112	169	202	242	281	306	318	308	280	240	194	148	109
65	74.0	73.6	74.5	76.2	82.3	87.4	97.4	153	188	235	279	309	322	311	279	234	183	135	94.7
70	59.3	58.9	59.5	60.9	66.8	71.0	82.2	133	175	227	279	315	330	315	277	226	171	120	79.3
75	44.7	44.1	44.3	45.2	50.6	54.3	63.8	113	162	223	285	331	348	329	280	219	157	104	62.8
80	30.5	29.7	29.5	29.8	34.3	37.5	43.1	93.7	148	220	300	360	383	355	291	215	143	85.7	44.9
85	16.3	15.1	14.5	14.7	19.0	20.6	22.8	74.7	132	212	305	375	406	376	301	209	128	66.8	27.9
90	12.3	14.0	15.8	17.0	14.6	13.1	13.4	55.8	113	192	287	358	392	364	289	194	109	49.0	12.3
95	24.1	26.0	28.2	29.7	27.5	24.9	26.6	57.9	117	194	277	343	374	345	272	181	108	55.6	20.6
100	36.5	38.6	41.1	43.1	39.2	33.5	34.2	74.5	130	197	269	326	357	331	268	188	122	71.8	31.8
105	48.9	51.0	53.2	52.2	41.4	43.7	38.3	80.3	139	200	257	301	327	307	257	192	129	73.1	40.9
110	59.3	60.7	60.2	52.2	52.0	50.7	41.9	87.4	120	196	252	286	307	291	250	189	107	80.3	49.8
115	64.8	63.7	57.9	57.4	57.0	56.4	43.3	86.5	135	160	229	275	288	271	226	152	115	86.8	56.8
120	59.4	58.0	60.3	61.7	59.7	61.4	49.5	86.4	127	168	189	226	243	224	186	149	111	84.8	59.3
125	59.3	59.9	60.7	61.1	62.8	60.0	46.8	69.0	109	176	206	214	238	221	197	165	105	82.2	63.5
130	58.1	56.9	58.8	62.4	67.1	57.8	51.2	56.6	117	145	215	249	268	244	209	148	124	83.2	67.5
135	58.3	57.6	61.8	66.5	65.3	54.7	40.5	46.3	106	126	178	231	258	230	180	140	123	86.6	71.0
140	60.0	61.6	66.2	72.4	57.7	52.9	41.0	45.4	69.1	144	141	175	204	180	151	165	99.7	85.7	71.4
145	65.4	68.7	73.6	69.3	53.9	45.8	33.1	40.3	53.9	111	163	162	184	178	176	143	91.9	85.8	73.0
150	77.6	77.8	74.6	54.7	50.2	39.0	30.0	31.7	51.1	71.8	137	176	208	201	167	104	92.4	80.8	69.1
155	78.6	75.1	63.1	50.5	43.7	33.2	28.0	33.4	50.4	66.5	83.5	115	168	148	115	99.3	88.0	74.3	65.8
160	77.3	74.3	46.4	41.7	35.4	28.2	24.0	35.0	47.4	61.4	77.4	84.7	125	114	104	91.7	83.0	70.5	66.0
165	73.0	54.2	35.3	32.7	35.1	36.9	36.2	40.0	48.9	58.4	70.4	77.6	108	103	96.8	86.2	73.4	65.1	65.0
170	67.0	26.6	25.2	37.7	44.8	47.0	45.9	45.6	49.7	55.1	61.7	66.1	84.3	83.2	80.0	73.7	68.7	66.0	64.3
175	32.1	18.9	36.9	52.0	52.9	52.1	53.2	54.6	58.3	61.7	63.8	63.9	17.7	65.1	69.2	69.3	65.9	62.6	61.4
180	16.7	41.2	59.5	63.1	63.6	63.2	63.0	63.9	63.9	63.0	60.7	57.3	16.8	40.3	59.6	62.7	63.6	62.6	62.8

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2381A P:28.18W PF:0.9865 Lamp Flux:1650.2x1 lm		
NAME: 4905BN-36	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	166	167	167	164	164														
5	164	163	164	163	163														
10	163	162	164	164	165														
15	161	162	165	166	168														
20	160	162	166	168	170														
25	158	161	166	168	170														
30	155	160	166	165	162														
35	151	157	161	155	150														
40	146	153	153	142	137														
45	139	146	141	129	124														
50	130	135	127	116	114														
55	120	121	111	104	102														
60	107	105	97.1	91.8	89.4														
65	92.2	86.7	83.3	78.0	75.6														
70	75.9	69.0	68.6	63.4	61.2														
75	57.9	52.9	53.3	48.6	46.6														
80	38.1	36.7	37.9	33.9	32.3														
85	18.5	21.2	23.1	19.6	18.4														
90	14.5	12.5	11.7	12.6	12.1														
95	25.6	24.4	22.2	24.1	23.4														
100	31.8	36.8	35.0	36.6	35.6														
105	36.6	39.3	46.9	49.0	47.8														
110	34.8	44.7	50.9	57.3	57.9														
115	41.3	49.8	51.2	59.8	63.2														
120	48.8	41.9	60.7	60.4	64.4														
125	49.9	31.2	58.8	70.2	69.6														
130	55.6	40.7	46.6	72.2	78.8														
135	60.8	50.9	36.8	58.8	70.0														
140	63.0	48.8	45.9	44.4	56.3														
145	61.8	47.5	53.1	46.1	45.7														
150	60.5	51.1	44.3	55.3	52.3														
155	58.7	52.4	44.3	47.2	56.8														
160	60.0	51.7	47.2	45.4	59.6														
165	63.4	58.6	48.5	44.7	53.1														
170	63.7	62.0	58.0	46.3	46.0														
175	61.3	60.7	59.9	54.9	44.7														
180	63.7	64.0	62.8	61.0	57.6														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: