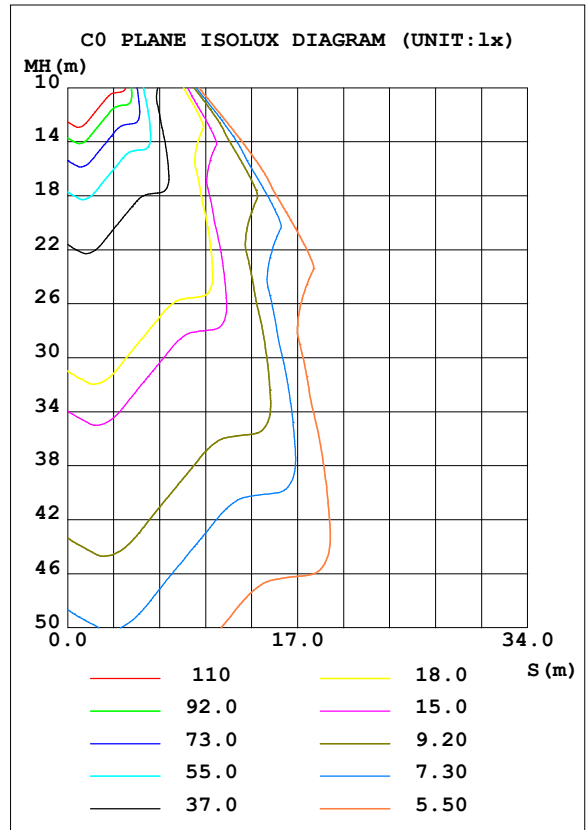
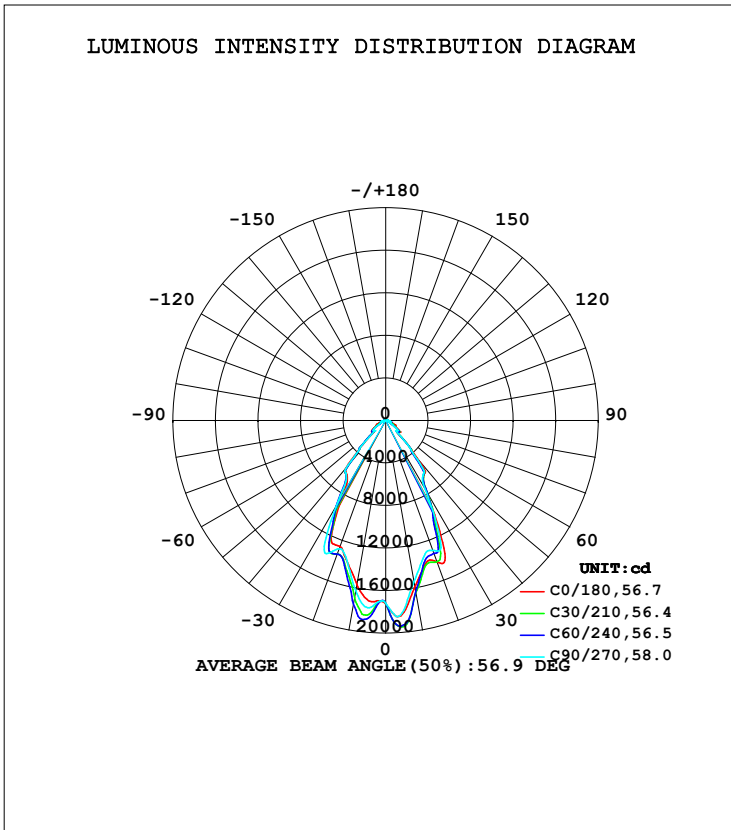


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 95.13 lm/W
MODEL	CT-D02200HAN	I <sub>max</sub> (cd)	19537	S/MH (C0/180)	0.87	
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	0.90	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	19536	η UP, DN (C0-180)	1.2, 47.2	
NOMINAL FLUX (lm)	19535.8	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 50.2	
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)		η down (%)	97.5	CIBSE SHR MAX	0.85	



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Paul  
 Test Date: 2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity: 65.0%  
 Test Distance: 2.900m [K=0.8389]  
 Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1589	1654	1539	1507	1564	1761	1627	1621	0- 10	1648	1648	8.44,8.44
20	1416	1362	1301	1225	1263	1337	1284	1230	10- 20	3949	5597	28.6,28.6
30	773.5	778.6	743.6	710.5	801.6	915.2	937.8	757.6	20- 30	5327	10924	55.9,55.9
40	456.5	374.9	395.6	586.9	578.1	518.3	552.5	603.3	30- 40	4004	14928	76.4,76.4
50	174.5	163.0	146.8	179.2	167.3	154.0	152.6	179.8	40- 50	1845	16773	85.9,85.9
60	100.8	60.17	47.34	106.6	107.8	70.79	67.98	111.3	50- 60	1167	17940	91.8,91.8
70	34.23	36.33	43.79	41.88	38.87	38.38	34.71	58.69	60- 70	611.6	18552	95,95
80	25.05	25.73	25.33	26.94	26.23	31.60	31.71	25.78	70- 80	301.4	18853	96.5,96.5
90	17.35	16.57	15.69	17.89	18.86	18.09	14.38	18.96	80- 90	186.4	19039	97.5,97.5
100	11.15	10.80	9.799	10.80	13.01	13.07	10.30	10.85	90-100	160.1	19200	98.3,98.3
110	7.721	6.901	6.464	7.530	8.516	8.416	6.644	7.541	100-110	97.61	19297	98.8,98.8
120	6.190	5.402	5.117	6.224	6.470	6.088	5.419	6.227	110-120	66.48	19364	99.1,99.1
130	5.436	4.632	4.194	5.665	5.702	4.938	4.907	5.748	120-130	49.91	19414	99.4,99.4
140	5.540	5.131	4.890	5.229	5.440	5.690	5.133	5.484	130-140	40.51	19454	99.6,99.6
150	6.166	5.189	4.854	5.612	6.058	5.845	5.166	6.204	140-150	35.15	19489	99.8,99.8
160	6.198	4.946	5.032	5.922	6.415	5.384	5.109	6.476	150-160	25.72	19515	99.9,99.9
170	5.706	5.185	5.188	5.146	6.037	5.449	5.438	6.057	160-170	16.29	19531	100,100
180	3.750	3.916	4.060	3.089	3.680	3.680	3.898	3.879	170-180	4.601	19536	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 16119 lm

%lum = 82.5%

%lamp = 82.5%

Conical surface Flux(120deg): 17940 lm

%lum = 91.8%

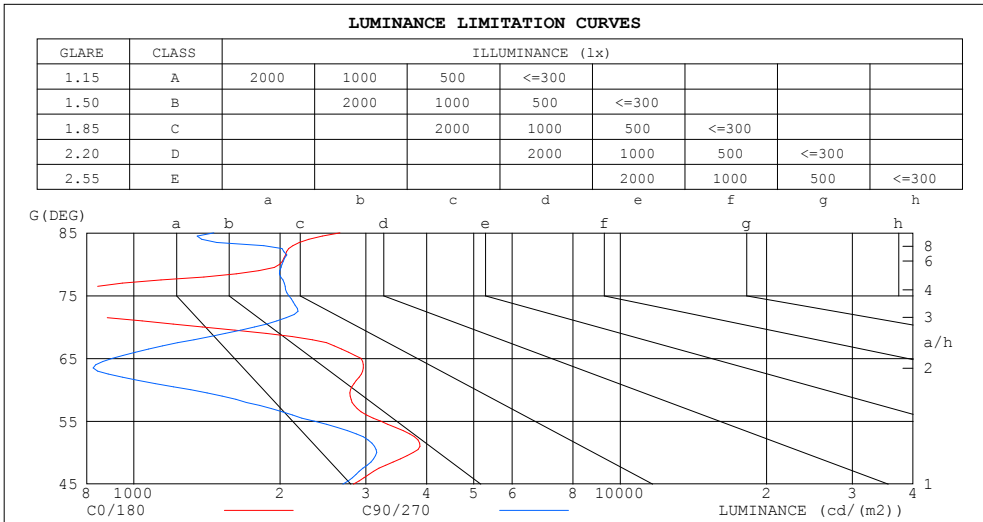
%lamp = 91.8%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Paul  
Test Date:2017-02-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
Humidity:65.0%  
Test Distance:2.900m [K=0.8389]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2654	1461
80	1995	2017
75	732	2084
70	1384	1771
65	2931	904
60	2790	1310
55	3216	2348
50	3755	3158
45	2827	2692

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

WEC AND CCEC

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm														
NAME: LED High Bay					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.: EVERFINE					SUR.:3.14*0.48*0.48					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	.219	.125	.039	.211	.121	.038	.197	.113	.036	.184	.106	.034	.172	.100	.032	
2.0	.207	.113	.035	.201	.110	.034	.188	.105	.033	.177	.099	.031	.166	.094	.030	
3.0	.195	.104	.031	.189	.101	.031	.179	.097	.029	.169	.092	.028	.160	.088	.027	
4.0	.184	.095	.028	.179	.093	.028	.169	.090	.027	.160	.086	.026	.152	.083	.025	
5.0	.173	.088	.026	.169	.087	.025	.160	.083	.025	.153	.081	.024	.145	.078	.023	
6.0	.164	.082	.023	.160	.081	.023	.152	.078	.023	.145	.075	.022	.139	.073	.022	
7.0	.155	.077	.022	.151	.075	.021	.145	.073	.021	.138	.071	.021	.133	.069	.020	
8.0	.147	.072	.020	.144	.071	.020	.138	.069	.020	.132	.067	.019	.127	.065	.019	
9.0	.140	.068	.019	.137	.067	.019	.131	.065	.018	.126	.063	.018	.121	.062	.018	
10.0	.133	.064	.018	.130	.063	.018	.126	.061	.017	.121	.060	.017	.116	.059	.017	

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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.194	.176	.161	.166	.151	.139	.113	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.181	.152	.128	.155	.131	.111	.106	.091	.077	.061	.053	.045	.020	.017	.015	
3.0	.170	.134	.105	.146	.115	.091	.100	.080	.064	.058	.047	.038	.019	.015	.012	
4.0	.161	.119	.088	.138	.103	.076	.095	.072	.054	.055	.042	.032	.018	.014	.010	
5.0	.152	.108	.076	.131	.094	.066	.090	.065	.046	.052	.038	.028	.017	.013	.009	
6.0	.145	.099	.066	.125	.086	.058	.086	.060	.041	.050	.035	.024	.016	.012	.008	
7.0	.139	.092	.059	.119	.080	.052	.083	.056	.037	.048	.033	.022	.015	.011	.007	
8.0	.133	.086	.054	.115	.075	.047	.079	.052	.033	.046	.031	.020	.015	.010	.007	
9.0	.128	.081	.049	.110	.070	.043	.076	.049	.031	.044	.029	.018	.014	.010	.006	
10.0	.123	.077	.046	.106	.067	.040	.073	.047	.028	.043	.028	.017	.014	.009	.006	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm										
NAME: LED High Bay					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:3.14*0.48*0.48			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	4.3	5.5	4.6	5.7	5.9	3.1	4.2	3.4	4.4	4.6
3H	5.0	6.0	5.3	6.2	6.5	3.7	4.7	4.0	4.9	5.2
4H	4.9	5.9	5.3	6.2	6.4	4.2	5.2	4.5	5.4	5.7
6H	5.0	5.9	5.4	6.2	6.5	4.6	5.5	5.0	5.8	6.1
8H	5.1	6.0	5.5	6.3	6.6	4.8	5.7	5.2	6.0	6.3
12H	5.3	6.1	5.7	6.4	6.8	4.8	5.7	5.2	6.0	6.3
4H 2H	4.2	5.2	4.6	5.5	5.8	3.1	4.0	3.4	4.3	4.6
3H	4.9	5.8	5.3	6.1	6.4	4.0	4.8	4.4	5.1	5.5
4H	5.0	5.7	5.4	6.1	6.4	4.8	5.5	5.2	5.9	6.2
6H	5.1	5.8	5.5	6.2	6.6	5.4	6.0	5.8	6.4	6.8
8H	5.3	5.9	5.8	6.4	6.8	5.6	6.2	6.0	6.6	7.0
12H	5.6	6.2	6.1	6.6	7.1	5.7	6.2	6.1	6.6	7.1
8H 4H	5.1	5.8	5.6	6.2	6.6	5.0	5.6	5.4	6.0	6.4
6H	5.3	5.8	5.8	6.3	6.7	5.7	6.2	6.2	6.7	7.1
8H	5.6	6.1	6.1	6.5	7.0	6.0	6.4	6.5	6.9	7.4
12H	6.0	6.4	6.6	6.9	7.4	6.1	6.5	6.6	7.0	7.5
12H 4H	5.1	5.7	5.6	6.1	6.6	4.9	5.5	5.4	5.9	6.4
6H	5.4	5.8	5.9	6.3	6.8	5.7	6.2	6.2	6.7	7.2
8H	5.7	6.1	6.2	6.6	7.1	6.1	6.4	6.6	6.9	7.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.5					+ 1.2 / - 1.2				
1.5H	+ 2.4 / - 1.9					+ 2.1 / - 1.3				
2.0H	+ 1.3 / - 1.1					+ 1.1 / - 1.3				

CIE Pub.117, 19536 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.3)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:

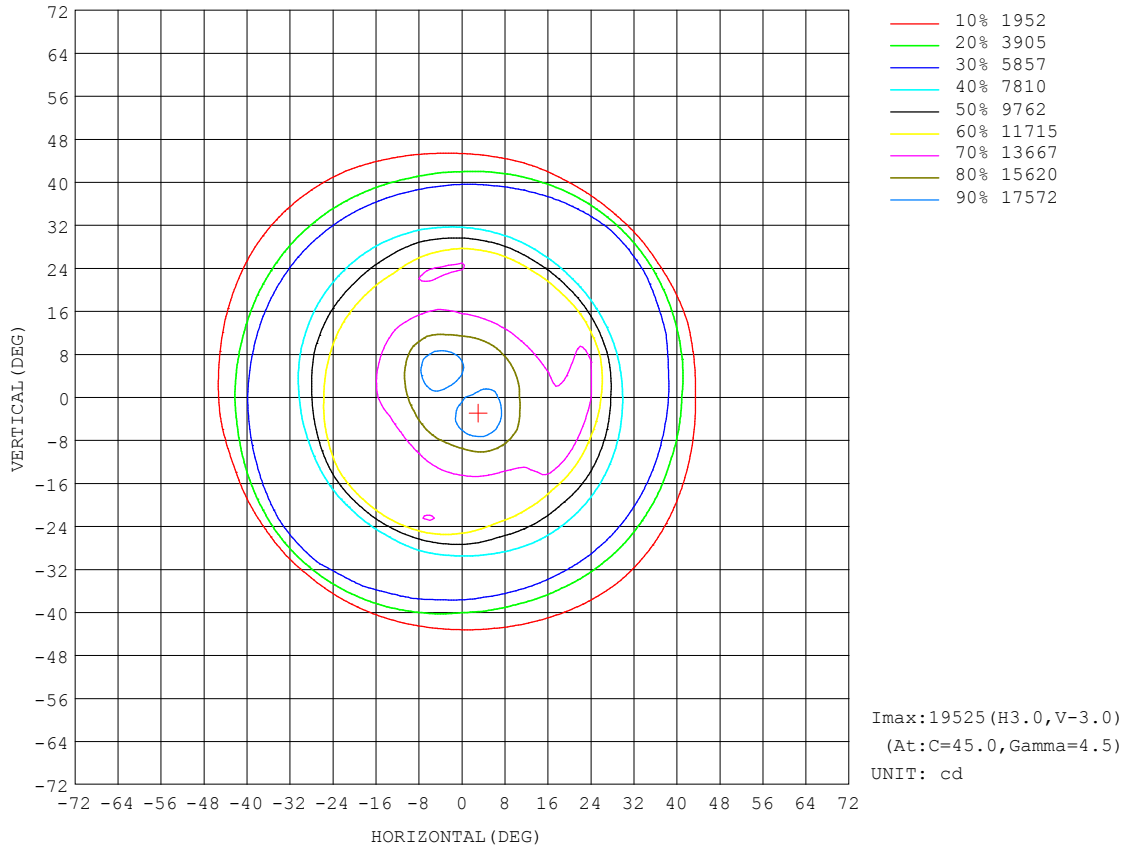
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	68	64	75	68	63	59
0.80	85	77	72	84	77	72	83	76	72	67
1.00	91	84	79	90	83	79	88	83	78	73
1.25	96	89	85	95	88	84	92	87	83	78
1.50	100	93	89	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	94	91	85
2.50	106	101	97	104	99	96	100	97	94	86
3.00	108	103	100	106	102	98	102	99	96	88
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	106	110	107	105	105	103	101	92
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:Paul  
 Test Date:2017-02-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:

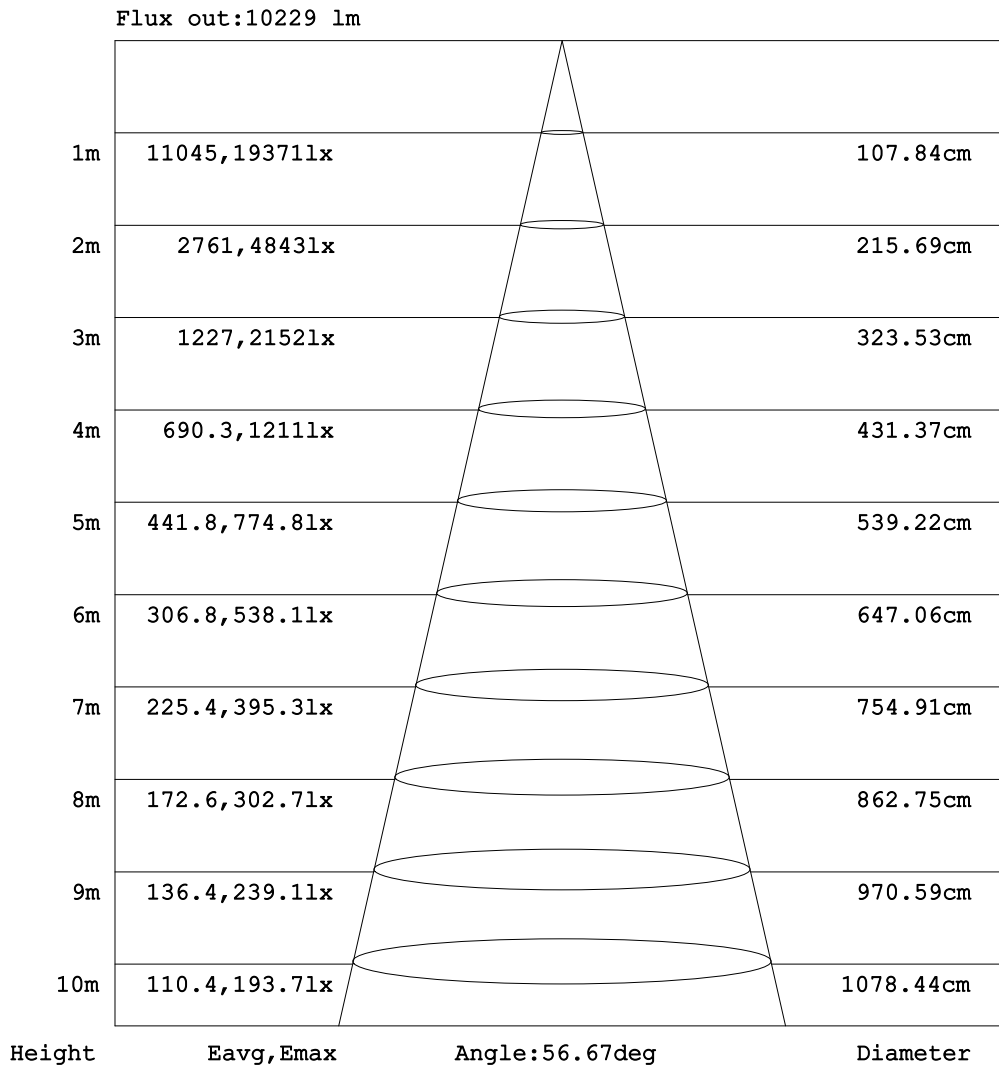


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

AAI Figure

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:



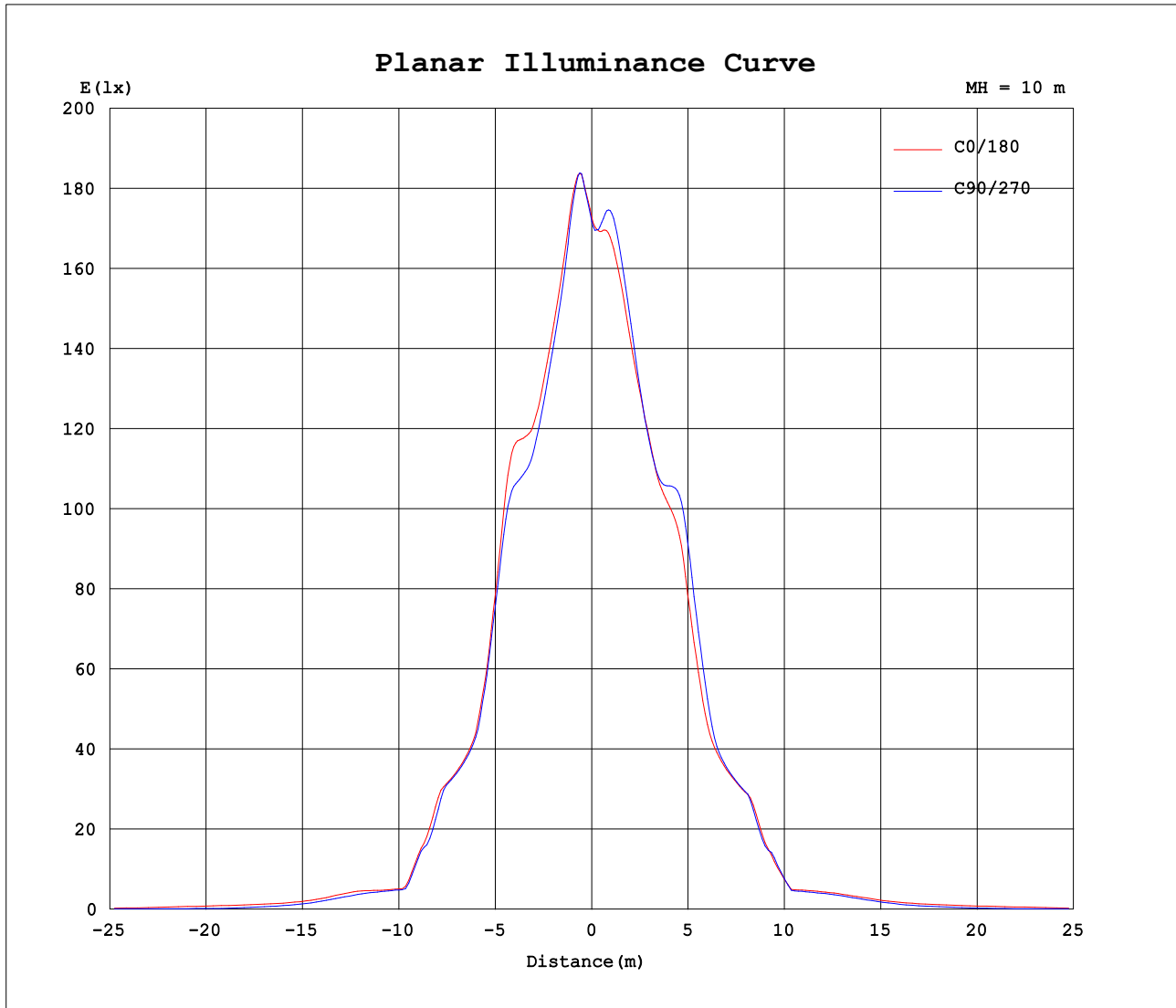
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Paul  
 Test Date: 2017-02-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity: 65.0%  
 Test Distance: 2.900m [K=0.8389]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1728	1728	1723	1721	1719	1716	1718	1716	1714	1713	1712	1711	1728	1728	1723	1721	1719	1716	1718
5	1827	1903	1947	1952	1932	1887	1813	1739	1706	1693	1684	1686	1709	1766	1830	1862	1864	1831	1767
10	1589	1608	1642	1654	1632	1582	1539	1515	1511	1507	1512	1531	1564	1605	1691	1761	1750	1678	1627
15	1412	1418	1427	1413	1389	1373	1351	1340	1323	1303	1308	1333	1386	1411	1442	1472	1464	1434	1388
20	1416	1442	1413	1362	1330	1313	1301	1299	1250	1225	1235	1253	1263	1306	1337	1337	1338	1326	1284
25	1267	1175	1127	1077	1081	1111	1202	1288	1308	1303	1330	1269	1220	1226	1251	1256	1266	1345	1366
30	773	781	783	779	778	763	744	744	718	711	726	749	802	874	905	915	934	962	938
35	627	627	626	627	623	622	619	621	621	619	621	629	636	643	649	649	651	651	646
40	456	405	382	375	369	371	396	452	522	587	596	579	578	556	532	518	520	528	553
45	145	151	156	164	156	146	138	143	150	154	154	149	214	254	267	273	275	254	218
50	175	169	166	163	160	151	147	159	174	179	180	173	167	172	157	154	166	154	153
55	133	135	123	114	102	92.2	97.4	111	132	150	147	148	151	150	139	131	134	125	127
60	101	103	84.0	60.2	41.6	33.8	47.3	65.1	91.9	107	108	112	108	107	89.3	70.8	56.2	55.5	68.0
65	89.6	85.1	52.4	29.0	29.1	33.6	27.6	41.2	72.5	95.7	91.3	88.9	92.4	85.3	58.0	34.1	29.6	30.4	31.6
70	34.2	50.2	23.0	36.3	48.3	53.9	43.8	25.1	36.7	41.9	19.9	19.7	38.9	49.9	28.4	38.4	48.5	50.1	34.7
75	13.7	13.2	27.4	40.8	40.2	41.3	39.0	40.5	13.4	12.9	15.0	16.2	14.2	14.1	32.2	47.0	47.4	47.6	44.9
80	25.1	13.6	10.0	25.7	24.6	24.9	25.3	12.6	11.2	26.9	32.5	32.5	26.2	15.0	12.0	31.6	31.2	30.7	31.7
85	16.7	16.5	14.0	8.78	8.63	9.24	9.21	10.5	15.7	16.9	19.0	19.4	18.9	18.1	13.4	10.6	10.5	10.5	11.7
90	17.3	17.2	17.3	16.6	14.9	16.2	15.7	16.9	17.4	17.9	19.3	20.7	18.9	19.1	18.8	18.1	16.6	16.9	14.4
95	13.5	13.6	14.0	14.0	13.4	14.6	12.8	13.0	12.9	13.8	14.6	16.2	16.6	17.5	15.6	16.7	17.5	15.2	13.7
100	11.1	11.3	11.2	10.8	9.92	10.5	9.80	10.1	10.4	10.8	11.3	11.8	13.0	13.5	13.0	13.1	12.1	11.6	10.3
105	9.20	9.11	9.08	8.40	7.85	8.16	7.40	8.62	8.45	8.90	9.07	9.34	10.5	10.8	10.9	10.4	9.18	8.91	7.92
110	7.72	7.56	7.53	6.90	6.94	7.19	6.46	7.27	7.39	7.53	7.89	8.07	8.52	8.77	8.81	8.42	8.21	7.94	6.64
115	6.70	6.72	6.70	5.87	6.09	6.27	5.85	6.62	6.70	6.64	6.76	6.95	7.23	7.54	7.64	6.88	6.92	6.82	5.93
120	6.19	6.24	6.07	5.40	4.84	4.69	5.12	5.81	6.22	6.22	5.96	6.05	6.47	6.71	6.67	6.09	5.46	4.89	5.42
125	5.85	5.97	5.49	5.08	4.65	4.46	4.71	5.61	5.80	6.07	5.61	5.77	6.13	6.23	5.96	5.45	5.23	4.73	4.94
130	5.44	5.52	5.44	4.63	3.90	4.09	4.19	5.42	5.40	5.66	5.54	5.73	5.70	5.65	5.89	4.94	5.26	4.86	4.91
135	5.20	5.42	5.51	4.65	3.89	3.93	4.72	5.62	5.52	5.20	5.36	5.58	5.11	5.63	5.95	5.21	3.67	3.65	5.13
140	5.54	5.51	5.91	5.13	4.48	4.56	4.89	5.34	5.60	5.23	5.67	5.77	5.44	5.88	6.19	5.69	5.07	5.01	5.13
145	6.00	5.73	5.47	5.69	4.95	4.37	4.99	5.32	5.60	5.37	5.90	6.04	5.84	6.12	5.54	5.66	5.42	5.23	5.18
150	6.17	5.57	5.03	5.19	5.34	4.68	4.85	4.91	5.20	5.61	6.14	6.17	6.06	5.72	5.34	5.84	5.58	5.02	5.17
155	6.30	5.53	4.90	4.67	4.42	4.17	4.79	4.90	5.25	5.83	6.33	6.46	6.15	5.66	5.37	5.09	5.13	4.86	4.62
160	6.20	5.64	5.27	4.95	4.80	4.71	5.03	5.11	5.45	5.92	6.41	6.61	6.42	6.14	5.65	5.38	5.18	4.78	5.11
165	6.11	5.68	5.42	5.21	5.28	5.12	5.25	5.26	5.35	5.78	6.19	6.48	6.55	6.46	5.93	5.51	5.26	5.00	5.21
170	5.71	5.39	5.11	5.19	5.20	4.88	5.19	5.03	4.95	5.15	5.50	5.74	6.04	6.02	5.61	5.45	5.57	5.38	5.44
175	4.41	4.28	4.30	4.42	4.31	4.17	4.13	4.03	4.05	4.16	4.28	4.69	4.84	4.86	4.81	4.62	4.37	4.32	4.44
180	3.75	3.81	3.66	3.92	4.39	3.70	4.06	3.87	3.27	3.09	3.20	3.19	3.68	3.68	3.67	3.68	3.72	3.89	3.90

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.734A P:205.4W PF:0.9921 Freq:60.01Hz Lamp Flux:19535.8x1 lm		
NAME: LED High Bay	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:3.14*0.48*0.48	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1716	1714	1713	1712	1711														
5	1714	1701	1709	1730	1762														
10	1626	1627	1621	1615	1606														
15	1371	1366	1369	1382	1400														
20	1250	1233	1230	1272	1351														
25	1295	1261	1260	1314	1360														
30	880	800	758	753	766														
35	640	634	627	627	629														
40	578	601	603	604	551														
45	181	152	153	152	149														
50	166	172	180	187	175														
55	142	154	162	153	143														
60	82.3	107	111	104	103														
65	54.8	90.3	96.1	90.8	82.9														
70	24.3	63.7	58.7	27.2	24.1														
75	33.3	16.3	14.5	13.9	13.8														
80	21.1	10.7	25.8	30.2	29.0														
85	9.68	17.6	18.6	19.2	18.1														
90	16.6	18.0	19.0	19.2	18.8														
95	13.6	13.3	13.6	13.3	14.8														
100	10.5	10.3	10.9	10.8	11.0														
105	8.80	8.34	8.98	9.04	9.18														
110	7.28	7.28	7.54	7.78	7.83														
115	6.71	6.72	6.66	6.77	6.85														
120	6.01	6.28	6.23	6.00	6.09														
125	5.64	6.05	6.08	5.69	5.86														
130	5.55	5.54	5.75	5.64	5.93														
135	5.66	5.58	5.29	5.72	5.95														
140	5.78	5.71	5.48	5.97	6.14														
145	5.65	6.06	5.83	6.42	6.61														
150	5.51	5.93	6.20	6.67	6.70														
155	5.26	5.67	6.36	6.99	6.93														
160	5.43	5.86	6.48	7.04	7.13														
165	5.48	5.95	6.50	6.97	7.04														
170	5.55	5.84	6.06	6.28	6.39														
175	4.57	4.63	4.76	4.91	5.01														
180	3.84	3.87	3.88	4.01	3.96														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Paul  
 Test Date:2017-02-23

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.364  
 Humidity:65.0%  
 Test Distance:2.900m [K=0.8389]  
 Remarks: