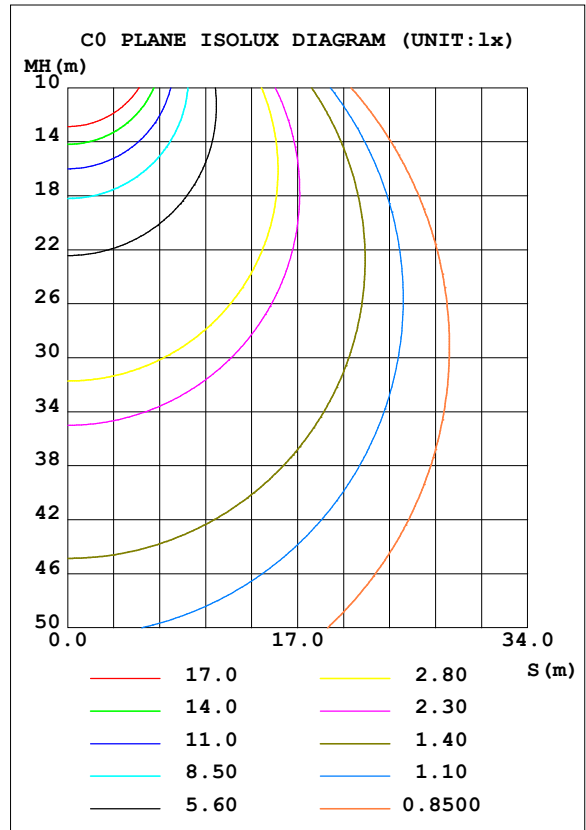
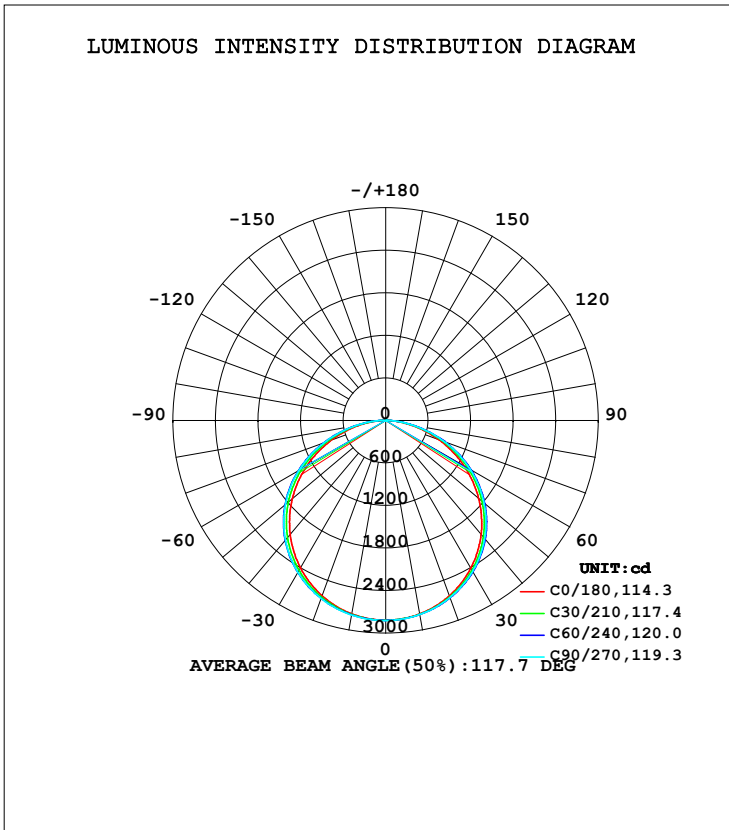


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.99 lm/W			
MODEL	CT-D02072PLN	I _{max} (cd)	2825	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	8499.0	η UP, DN (C0-180)	0.0, 49.5
NOMINAL FLUX (lm)	8499.02	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.4
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Paul
 Test Date: 2017-03-03

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2771	2778	2779	2773	2769	2780	2786	2781	0- 10	267.2	267.2	3.14,3.14
20	2632	2656	2657	2632	2630	2662	2671	2646	10- 20	769.1	1036	12.2,12.2
30	2404	2454	2455	2405	2404	2464	2475	2423	20- 30	1177	2213	26,26
40	2094	2170	2173	2095	2096	2185	2201	2118	30- 40	1438	3652	43,43
50	1713	1807	1812	1715	1721	1829	1847	1744	40- 50	1517	5169	60.8,60.8
60	1273	1370	1375	1276	1286	1401	1416	1306	50- 60	1397	6565	77.2,77.2
70	799.2	877.8	886.5	803.6	816.3	915.3	928.2	832.1	60- 70	1089	7654	90.1,90.1
80	339.9	382.1	383.7	341.2	360.3	421.2	429.1	369.0	70- 80	648.6	8303	97.7,97.7
90	7.130	9.692	7.937	6.522	3.889	24.43	27.12	13.06	80- 90	188.6	8491	99.9,99.9
100	0.6828	0.6249	0.6434	0.7051	1.108	1.034	1.013	1.095	90-100	1.524	8493	99.9,99.9
110	0.8404	0.8116	0.8092	0.8622	1.159	1.056	0.9697	1.107	100-110	0.9747	8494	99.9,99.9
120	0.9694	1.038	1.032	1.006	1.004	0.9737	0.9005	0.9030	110-120	0.9454	8495	100,100
130	1.204	1.314	1.275	1.364	1.223	1.071	1.126	1.089	120-130	0.9803	8496	100,100
140	1.376	1.405	1.423	1.463	1.474	1.359	1.321	1.343	130-140	1.033	8497	100,100
150	1.190	1.291	1.265	1.264	1.475	1.530	1.530	1.440	140-150	0.9081	8498	100,100
160	1.258	1.379	1.532	1.389	1.576	1.602	1.727	1.516	150-160	0.6793	8498	100,100
170	1.503	1.716	1.697	1.499	1.483	1.704	1.752	1.908	160-170	0.4522	8499	100,100
180	1.628	1.641	1.754	1.870	1.631	1.641	1.754	1.924	170-180	0.1651	8499	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4412.6 lm

%lum = 51.9%

%lamp = 51.9%

Conical surface Flux(120deg): 6565.1 lm

%lum = 77.2%

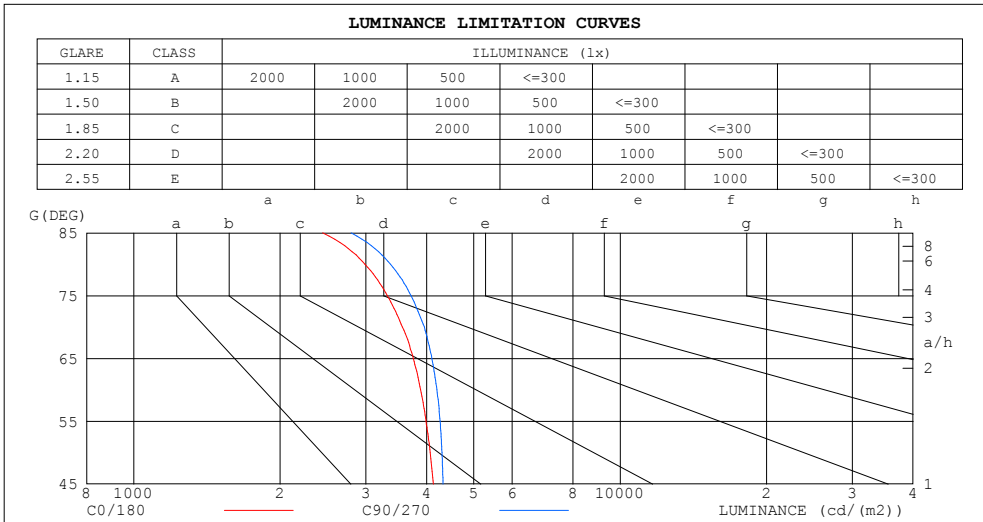
%lamp = 77.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2017-03-03

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:

LUMINANCE LIMITATION CURVES

Test:U:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2446	2798
80	2988	3374
75	3320	3715
70	3568	3957
65	3757	4102
60	3888	4199
55	3991	4264
50	4069	4303
45	4129	4323

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm														
NAME: 2X4 Panel 72W5000K					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.: EVERFINE					SUR.:1.17*0.56					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	.319	.181	.057	.311	.178	.056	.298	.171	.055	.286	.165	.053	.274	.159	.051	
2.0	.298	.163	.050	.292	.161	.050	.280	.156	.048	.269	.151	.047	.259	.147	.046	
3.0	.275	.146	.044	.270	.144	.043	.259	.140	.043	.249	.137	.042	.240	.133	.041	
4.0	.253	.132	.039	.248	.130	.038	.239	.127	.038	.230	.124	.037	.222	.121	.037	
5.0	.234	.119	.034	.229	.118	.034	.221	.115	.034	.213	.113	.033	.206	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.205	.105	.031	.198	.103	.030	.192	.101	.030	
7.0	.201	.099	.028	.198	.098	.028	.191	.097	.028	.185	.095	.028	.179	.093	.027	
8.0	.188	.092	.026	.185	.091	.026	.179	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.168	.083	.023	.163	.082	.023	.158	.080	.023	
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.149	.075	.022	

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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.182	.157	.134	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.098	.149	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.074	.142	.099	.064	.098	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.159	.102	.058	.136	.088	.051	.094	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.047	.130	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.083	.039	.124	.072	.034	.085	.050	.024	.049	.030	.014	.016	.010	.005	
7.0	.137	.076	.034	.118	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.025	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.022	.074	.040	.016	.043	.024	.009	.014	.008	.003	
10.0	.119	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm										
NAME: 2X4 Panel 72W5000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:1.17*0.56			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	10.3	11.9	10.6	12.1	12.3	10.7	12.2	10.9	12.4	12.6
3H	11.9	13.3	12.2	13.5	13.8	12.3	13.7	12.6	14.0	14.2
4H	12.5	13.8	12.8	14.1	14.3	13.0	14.3	13.3	14.6	14.8
6H	12.9	14.2	13.2	14.4	14.7	13.4	14.7	13.8	15.0	15.3
8H	13.0	14.3	13.4	14.6	14.8	13.6	14.8	13.9	15.1	15.4
12H	13.1	14.3	13.5	14.6	14.9	13.7	14.9	14.0	15.2	15.5
4H 2H	11.0	12.4	11.3	12.6	12.9	11.3	12.7	11.6	12.9	13.2
3H	12.7	13.9	13.1	14.2	14.5	13.1	14.3	13.5	14.6	14.9
4H	13.5	14.6	13.9	14.9	15.2	13.9	15.0	14.3	15.3	15.7
6H	14.0	15.0	14.4	15.4	15.7	14.5	15.5	14.9	15.9	16.2
8H	14.2	15.1	14.6	15.5	15.9	14.7	15.6	15.1	16.0	16.4
12H	14.3	15.2	14.8	15.6	16.0	14.9	15.7	15.3	16.1	16.5
8H 4H	13.8	14.7	14.2	15.1	15.5	14.2	15.1	14.6	15.5	15.9
6H	14.5	15.3	15.0	15.7	16.1	15.0	15.7	15.4	16.1	16.6
8H	14.8	15.5	15.3	15.9	16.3	15.3	15.9	15.7	16.4	16.8
12H	15.0	15.6	15.5	16.0	16.5	15.5	16.0	16.0	16.5	17.0
12H 4H	13.8	14.7	14.3	15.1	15.5	14.2	15.0	14.6	15.4	15.8
6H	14.6	15.3	15.1	15.7	16.2	15.0	15.7	15.5	16.1	16.6
8H	14.9	15.5	15.4	15.9	16.4	15.4	15.9	15.8	16.4	16.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 8499 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.4)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:

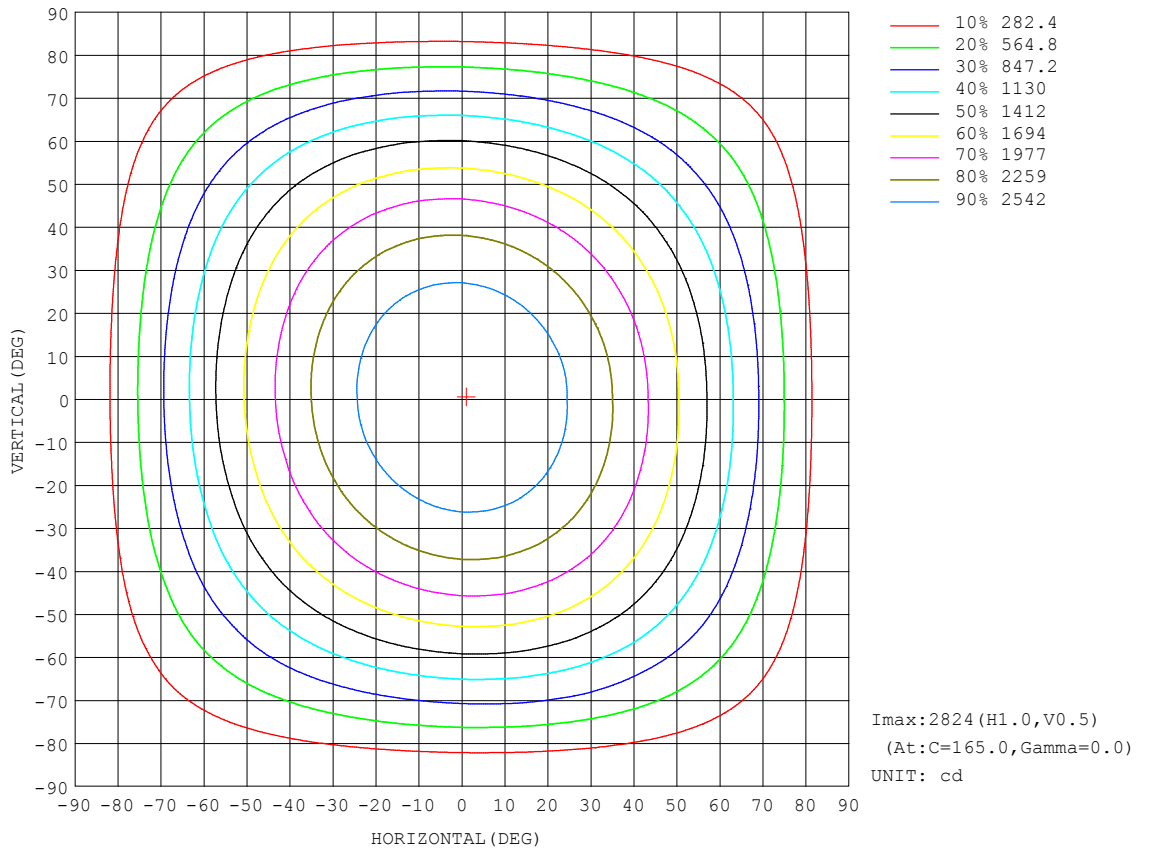
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	86	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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:2017-03-03

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:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:

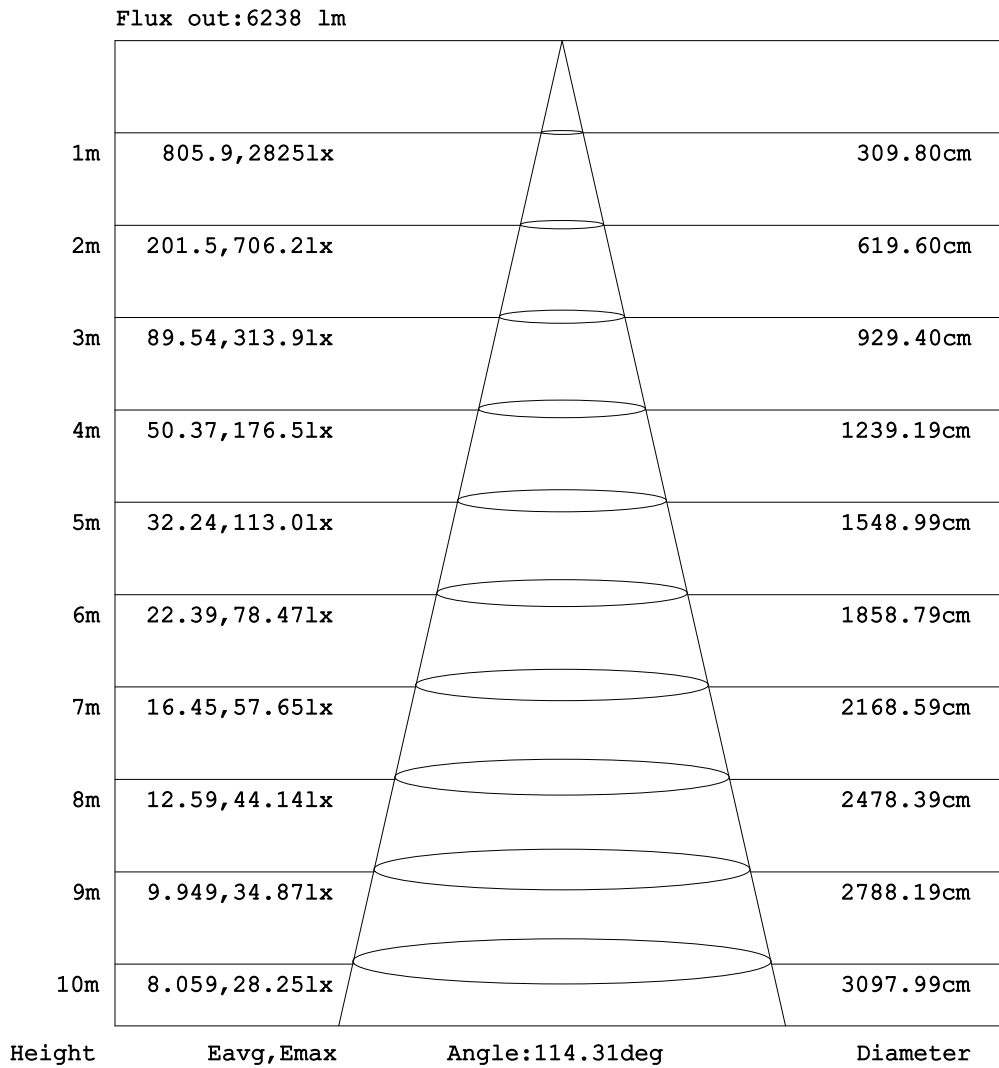


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:

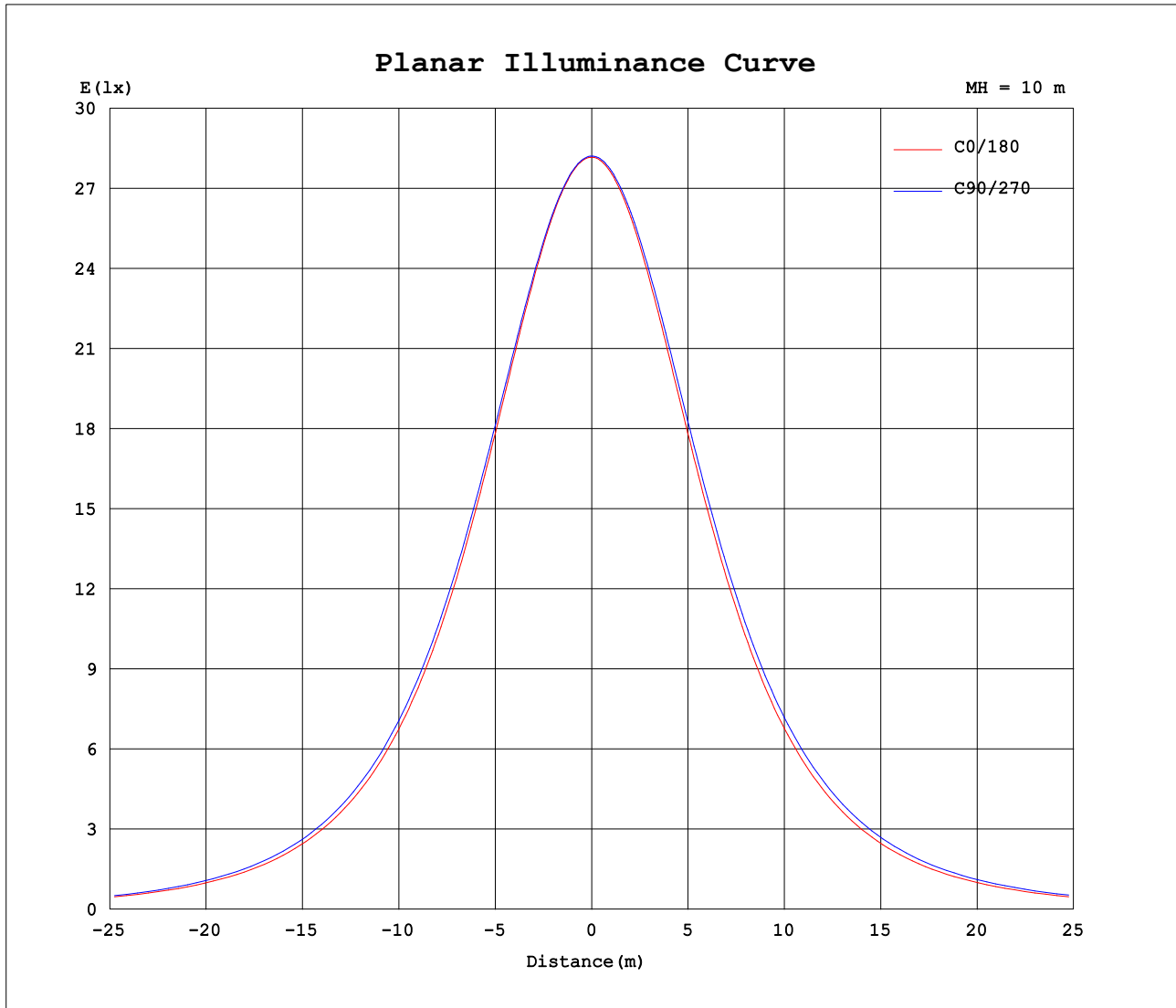


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding 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	2817	2818	2818	2819	2820	2820	2821	2822	2823	2823	2824	2825	2817	2818	2818	2819	2820	2820	2821
5	2806	2807	2807	2808	2809	2810	2810	2810	2810	2810	2810	2811	2805	2806	2808	2810	2811	2812	2813
10	2771	2773	2775	2778	2779	2780	2779	2777	2775	2773	2773	2774	2769	2773	2777	2780	2783	2785	2786
15	2712	2717	2722	2727	2730	2730	2728	2723	2718	2714	2712	2713	2711	2717	2724	2731	2737	2738	2738
20	2632	2639	2648	2656	2661	2661	2657	2649	2640	2632	2628	2630	2630	2640	2651	2662	2670	2673	2671
25	2529	2540	2553	2565	2573	2573	2566	2554	2541	2529	2522	2523	2527	2540	2557	2573	2584	2587	2583
30	2404	2419	2437	2454	2464	2464	2455	2440	2420	2405	2395	2396	2404	2421	2443	2464	2477	2482	2475
35	2259	2278	2301	2322	2335	2336	2325	2304	2280	2260	2248	2249	2260	2282	2309	2335	2352	2357	2348
40	2094	2117	2144	2170	2186	2187	2173	2148	2121	2095	2081	2082	2096	2124	2155	2185	2206	2212	2201
45	1913	1938	1969	1998	2016	2018	2002	1974	1942	1914	1898	1898	1917	1947	1983	2017	2041	2046	2032
50	1713	1740	1774	1807	1827	1828	1812	1781	1746	1715	1698	1698	1721	1755	1794	1829	1855	1861	1847
55	1499	1527	1563	1596	1618	1620	1602	1570	1533	1502	1484	1484	1510	1544	1586	1625	1651	1657	1640
60	1273	1301	1337	1370	1391	1393	1375	1343	1307	1276	1258	1259	1286	1319	1362	1401	1427	1433	1416
65	1040	1066	1098	1131	1150	1153	1136	1105	1071	1042	1026	1027	1053	1085	1125	1163	1188	1193	1177
70	799	823	856	878	899	901	886	857	829	804	787	788	816	846	882	915	938	943	928
75	563	582	605	628	640	641	630	609	585	565	555	556	583	607	637	666	685	688	676
80	340	352	368	382	391	392	384	369	355	341	334	336	360	379	401	421	435	437	429
85	140	145	152	160	164	164	160	152	145	139	136	138	159	169	183	196	205	207	201
90	7.13	5.51	7.30	9.69	3.93	3.32	7.94	5.88	3.77	6.52	4.29	4.96	3.89	13.7	21.1	24.4	27.9	31.1	27.1
95	0.59	0.57	0.55	0.54	0.54	0.55	0.55	0.56	0.59	0.61	0.62	0.61	0.97	0.94	0.92	0.91	0.90	0.91	0.90
100	0.68	0.65	0.62	0.62	0.62	0.67	0.64	0.64	0.67	0.71	0.71	0.67	1.11	1.08	1.05	1.03	1.03	1.06	1.01
105	0.77	0.73	0.72	0.72	0.72	0.79	0.74	0.72	0.75	0.79	0.78	0.74	1.18	1.15	1.12	1.11	1.09	1.12	1.06
110	0.84	0.79	0.80	0.81	0.81	0.90	0.81	0.78	0.80	0.86	0.84	0.79	1.16	1.13	1.09	1.06	1.05	1.07	0.97
115	0.90	0.86	0.88	0.92	0.96	1.04	0.91	0.90	0.87	0.92	0.90	0.86	1.08	1.05	1.03	0.95	1.00	0.98	0.86
120	0.97	0.96	0.99	1.04	1.16	1.22	1.03	0.98	1.04	1.01	0.97	0.97	1.00	1.00	0.99	0.97	1.05	1.06	0.90
125	1.07	1.10	1.16	1.21	1.31	1.29	1.09	1.12	1.17	1.19	1.07	1.12	1.06	1.07	0.99	1.05	1.15	1.17	0.99
130	1.20	1.26	1.28	1.31	1.44	1.38	1.27	1.21	1.20	1.36	1.25	1.36	1.22	1.14	1.12	1.07	1.24	1.21	1.13
135	1.32	1.36	1.37	1.42	1.52	1.56	1.36	1.25	1.35	1.42	1.35	1.51	1.32	1.34	1.29	1.29	1.34	1.32	1.24
140	1.38	1.45	1.35	1.40	1.44	1.55	1.42	1.32	1.43	1.46	1.42	1.61	1.47	1.49	1.29	1.36	1.28	1.43	1.32
145	1.37	1.39	1.40	1.34	1.40	1.52	1.44	1.34	1.33	1.42	1.44	1.59	1.57	1.49	1.48	1.41	1.42	1.50	1.44
150	1.19	1.29	1.31	1.29	1.41	1.44	1.26	1.28	1.30	1.26	1.23	1.32	1.47	1.60	1.50	1.53	1.57	1.56	1.53
155	1.25	1.29	1.29	1.33	1.43	1.47	1.31	1.41	1.29	1.29	1.30	1.40	1.57	1.62	1.56	1.67	1.67	1.64	1.57
160	1.26	1.42	1.41	1.38	1.51	1.54	1.53	1.37	1.40	1.39	1.36	1.41	1.58	1.64	1.69	1.60	1.77	1.74	1.73
165	1.37	1.63	1.57	1.63	1.61	1.61	1.61	1.49	1.46	1.43	1.39	1.46	1.61	1.64	1.60	1.58	1.75	1.73	1.74
170	1.50	1.72	1.77	1.72	1.69	1.70	1.70	1.68	1.64	1.50	1.52	1.57	1.48	1.51	1.69	1.70	1.72	1.70	1.75
175	1.56	1.80	1.71	1.69	1.73	1.77	1.78	1.79	1.84	1.68	1.85	1.73	1.61	1.62	1.66	1.74	1.69	1.73	1.80
180	1.63	1.74	1.65	1.64	1.63	1.74	1.75	1.80	1.91	1.87	1.85	1.83	1.63	1.64	1.73	1.64	1.63	1.67	1.75

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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:119.9V I:0.6083A P:72.03W PF:0.9873 Freq:60.01Hz Lamp Flux:8499.02x1 lm		
NAME: 2X4 Panel 72W5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.17*0.56	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	2822	2823	2823	2824	2825														
5	2814	2814	2814	2814	2814														
10	2784	2782	2781	2779	2779														
15	2734	2729	2724	2721	2720														
20	2664	2655	2646	2640	2638														
25	2572	2558	2545	2536	2534														
30	2460	2441	2423	2411	2408														
35	2328	2303	2281	2265	2262														
40	2176	2146	2118	2100	2096														
45	2004	1970	1939	1918	1913														
50	1815	1778	1744	1721	1716														
55	1607	1567	1531	1507	1501														
60	1382	1342	1306	1282	1276														
65	1144	1106	1071	1048	1042														
70	899	863	832	811	805														
75	652	621	595	577	572														
80	412	390	369	355	350														
85	190	177	164	154	150														
90	23.9	16.6	13.1	2.55	1.33														
95	0.91	0.93	0.96	0.97	0.98														
100	1.01	1.05	1.10	1.09	1.11														
105	1.04	1.08	1.16	1.13	1.17														
110	0.97	1.00	1.11	1.09	1.13														
115	0.89	0.89	1.00	1.01	1.03														
120	0.89	0.83	0.90	0.93	0.92														
125	1.00	0.93	0.94	0.97	0.92														
130	1.11	1.07	1.09	1.15	1.08														
135	1.22	1.23	1.23	1.39	1.29														
140	1.36	1.38	1.34	1.58	1.48														
145	1.45	1.47	1.44	1.70	1.69														
150	1.46	1.54	1.44	1.63	1.59														
155	1.54	1.57	1.49	1.61	1.65														
160	1.64	1.62	1.52	1.58	1.62														
165	1.73	1.75	1.74	1.51	1.62														
170	1.82	1.87	1.91	1.71	1.75														
175	1.88	1.93	2.04	1.86	1.87														
180	1.78	1.82	1.92	1.87	1.84														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2017-03-03

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: