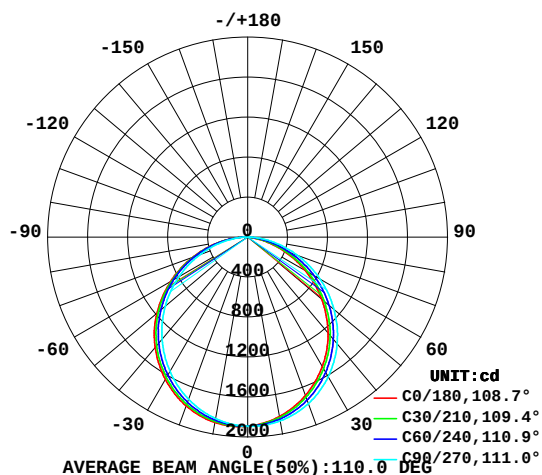


LUMINAIRE PHOTOMETRIC TEST REPORT

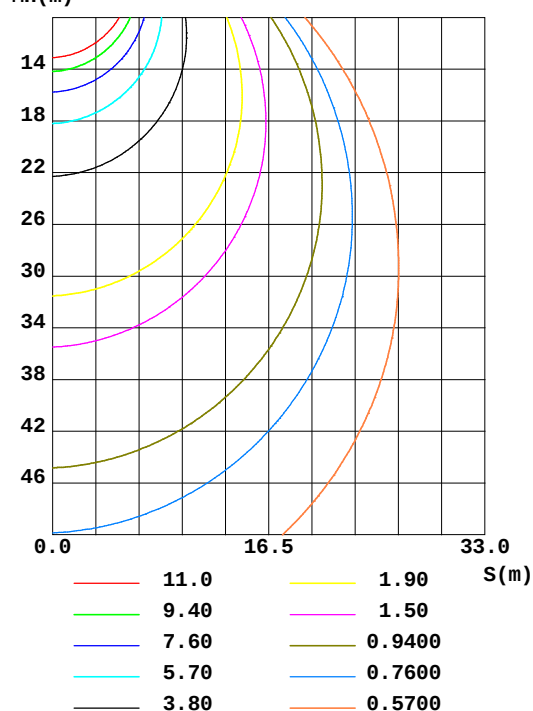
Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.18 lm/W			
MODEL		I _{max} (cd)	1903	S/MH(C0/180)	1.18
NOMINAL POWER(W)	42	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	118	TOTAL FLUX(lm)	5274.2	η UP, DN(C0-180)	0.0, 50.0
NOMINAL FLUX(lm)	5274.24	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	118.2	η down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



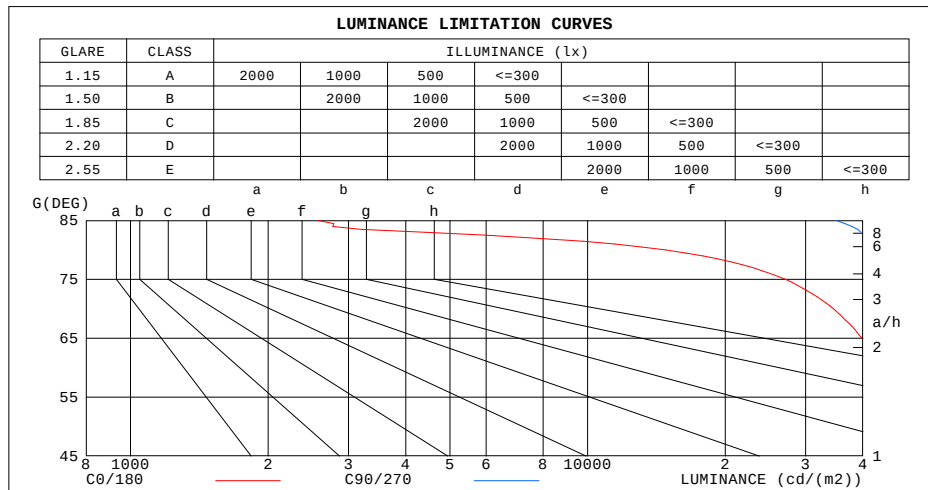
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Ethan
 Test Date: 2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.268
 Humidity: 36%
 Test Distance: 6.770m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	1867	1876	1889	1900	1897	1889	1877	1865	0- 5	45.11	45.11	0.86, 0.86
10	1823	1841	1868	1889	1882	1867	1844	1820	5- 10	133.7	178.8	3.39, 3.39
15	1763	1790	1829	1859	1849	1827	1795	1759	10- 15	217.3	396.1	7.51, 7.51
20	1687	1721	1774	1812	1798	1770	1728	1683	15- 20	293.0	689.1	13.1, 13.1
25	1597	1638	1701	1747	1730	1698	1648	1592	20- 25	358.2	1047	19.9, 19.9
30	1494	1541	1612	1665	1647	1611	1554	1491	25- 30	410.7	1458	27.6, 27.6
35	1380	1431	1509	1570	1549	1512	1448	1377	30- 35	448.9	1907	36.2, 36.2
40	1252	1309	1393	1460	1441	1401	1333	1255	35- 40	471.8	2379	45.1, 45.1
45	1112	1175	1268	1340	1322	1281	1209	1122	40- 45	478.5	2857	54.2, 54.2
50	966.6	1032	1128	1210	1184	1151	1078	981.7	45- 50	468.8	3326	63.1, 63.1
55	816.5	883.5	984.9	1067	1041	1011	938.5	836.8	50- 55	443.4	3769	71.5, 71.5
60	662.2	728.0	834.2	917.0	891.5	867.2	795.5	687.4	55- 60	403.7	4173	79.1, 79.1
65	505.2	571.6	680.5	763.2	738.1	717.7	649.4	535.0	60- 65	351.1	4524	85.8, 85.8
70	354.3	415.2	525.3	605.0	582.2	565.0	499.7	386.0	65- 70	287.8	4812	91.2, 91.2
75	210.6	266.8	373.3	446.6	428.1	412.6	356.3	242.8	70- 75	217.5	5030	95.4, 95.4
80	77.19	128.1	227.2	294.9	277.9	266.5	219.8	108.9	75- 80	144.4	5174	98.1, 98.1
85	6.719	20.38	91.42	154.8	137.4	129.0	92.86	14.56	80- 85	74.18	5248	99.5, 99.5
90	0.3234	0.2856	0.2692	0.30.08	19.31	13.39	0.5087	0.5583	85- 90	21.81	5270	99.9, 99.9
95	0.3118	0.2827	0.2597	0.2793	0.4227	0.5605	0.4010	0.4743	90- 95	1.356	5271	99.9, 99.9
100	0.3118	0.3009	0.2750	0.2783	0.3845	0.4918	0.4010	0.4351	95-100	0.2023	5271	99.9, 99.9
105	0.3252	0.3276	0.3056	0.2974	0.3635	0.4527	0.4087	0.4236	100-105	0.1954	5272	100, 100
110	0.3482	0.3562	0.3419	0.3203	0.3559	0.4165	0.4067	0.4189	105-110	0.1929	5272	100, 100
115	0.3941	0.3954	0.3820	0.3538	0.3634	0.4412	0.4315	0.4590	110-115	0.1978	5272	100, 100
120	0.4456	0.4412	0.4278	0.3891	0.3884	0.4641	0.4907	0.5039	115-120	0.2060	5272	100, 100
125	0.4897	0.4870	0.4794	0.4351	0.4363	0.5100	0.5404	0.5479	120-125	0.2168	5272	100, 100
130	0.5319	0.5281	0.5290	0.4781	0.4861	0.5568	0.5861	0.5833	125-130	0.2234	5273	100, 100
135	0.5701	0.5672	0.5692	0.5192	0.5475	0.5940	0.6282	0.6206	130-135	0.2247	5273	100, 100
140	0.6026	0.6026	0.6149	0.5556	0.6027	0.6293	0.6683	0.6569	135-140	0.2210	5273	100, 100
145	0.6389	0.6398	0.6493	0.5928	0.6238	0.6589	0.7046	0.6837	140-145	0.2104	5273	100, 100
150	0.6791	0.6799	0.6856	0.6350	0.6507	0.6914	0.7371	0.7153	145-150	0.1958	5274	100, 100
155	0.7212	0.7229	0.7257	0.6836	0.6909	0.7286	0.7713	0.7583	150-155	0.1778	5274	100, 100
160	0.7939	0.7888	0.7772	0.7478	0.7712	0.7821	0.8229	0.8243	155-160	0.1582	5274	100, 100
165	0.8781	0.8576	0.8327	0.8213	0.8612	0.8451	0.8726	0.8940	160-165	0.1352	5274	100, 100
170	0.9508	0.9110	0.8842	0.8931	0.9395	0.8958	0.9051	0.9371	165-170	0.1051	5274	100, 100
175	0.9625	0.9158	0.9012	0.9170	0.9355	0.8909	0.8880	0.9055	170-175	0.0657	5274	100, 100
180	0.9337	0.8824	0.8841	0.8950	0.9356	0.8843	0.8822	0.8940	175-180	0.0216	5274	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2567	34997
80	14801	43655
75	27098	48117
70	34490	51241
65	39807	53718
60	44101	55662
55	47399	57288
50	50071	58556
45	52376	59808

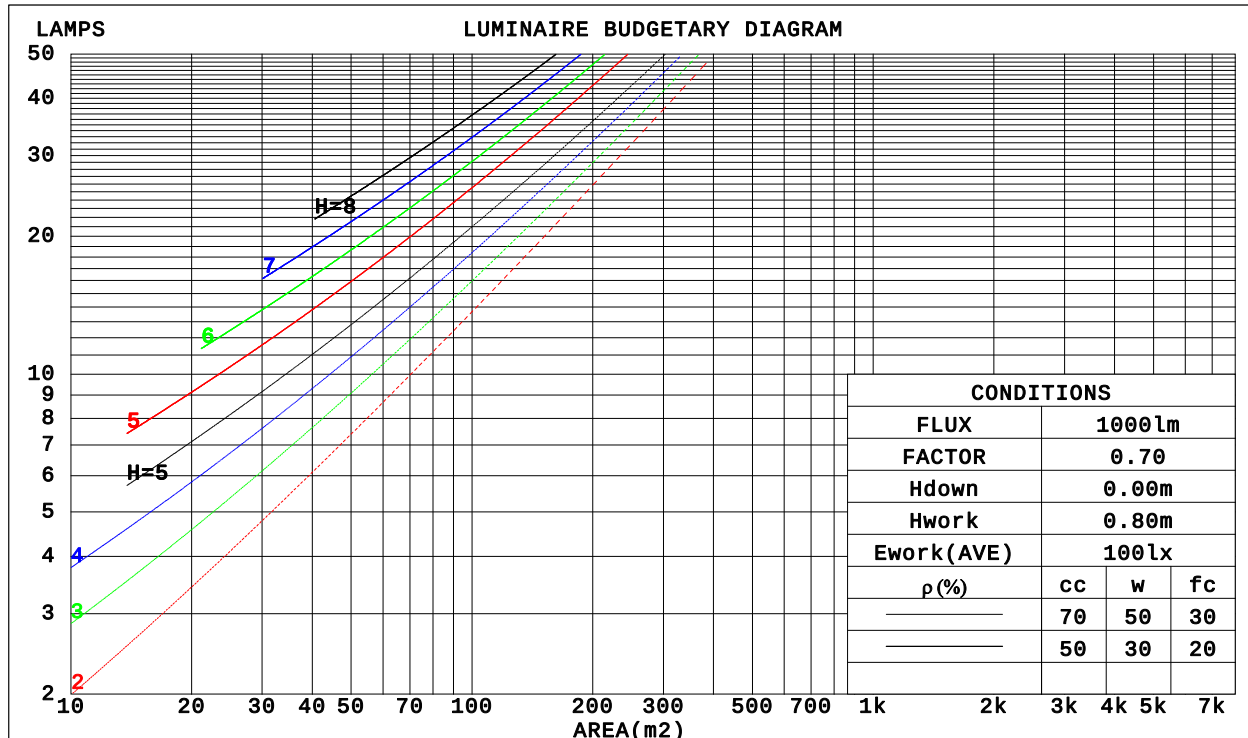
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.90	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.55	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Ethan
 Test Date: 2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity: 36%
 Test Distance: 6.770m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm					
NAME: 4FT二代铝材灯 40W 40K A档灯珠			TYPE:下发光		WEIGHT:
DIM.:			SPEC.:白色外壳 4000K		SERIAL No.:
MFR.: YQ			SUR.:1.2*0.07		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	.308	.175	.055	.300	.171	.054	.287	.165	.053	.275	.159	.051	.264	.153	.049		
2.0	.290	.159	.049	.284	.156	.048	.272	.151	.047	.261	.146	.046	.251	.142	.045		
3.0	.268	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.037	.217	.118	.036		
5.0	.229	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.021		

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015		
2.0	.173	.133	.099	.148	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011		
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009		
4.0	.157	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.029	.051	.032	.017	.017	.011	.006		
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005		
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.129	.070	.029	.111	.061	.026	.077	.043	.018	.045	.025	.011	.014	.008	.004		
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.023	.010	.014	.008	.003		
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm											
NAME: 4FT 二代铝材灯 40W 40K A档灯珠					TYPE:下发光			WEIGHT:			
DIM.:					SPEC.:白色外壳 4000K			SERIAL No.:			
MFR.: YQ					SUR.:1.2*0.07			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	25.9	27.4	26.2	27.6	27.8	26.7	28.2	27.0	28.4	28.7	
	27.0	28.4	27.3	28.7	28.9	28.3	29.7	28.6	29.9	30.1	
	27.4	28.7	27.7	28.9	29.2	28.9	30.2	29.2	30.5	30.7	
	27.5	28.7	27.8	29.0	29.3	29.3	30.6	29.7	30.9	31.1	
	27.4	28.6	27.8	28.9	29.2	29.5	30.7	29.8	31.0	31.3	
	27.4	28.5	27.7	28.8	29.1	29.5	30.7	29.9	31.0	31.3	
4H	2H	26.5	27.8	26.8	28.1	28.3	27.2	28.5	27.5	28.8	29.0
	3H	27.8	29.0	28.2	29.3	29.6	28.9	30.0	29.2	30.3	30.6
	4H	28.2	29.3	28.6	29.6	30.0	29.6	30.6	30.0	31.0	31.3
	6H	28.4	29.3	28.8	29.7	30.1	30.1	31.1	30.5	31.4	31.8
	8H	28.4	29.3	28.8	29.6	30.0	30.3	31.2	30.7	31.6	32.0
	12H	28.3	29.1	28.8	29.5	29.9	30.4	31.3	30.9	31.6	32.0
8H	4H	28.5	29.3	28.9	29.7	30.1	29.7	30.6	30.1	30.9	31.3
	6H	28.7	29.4	29.1	29.8	30.3	30.3	31.1	30.8	31.5	31.9
	8H	28.7	29.4	29.2	29.8	30.2	30.6	31.2	31.1	31.7	32.1
	12H	28.7	29.2	29.1	29.7	30.2	30.8	31.3	31.2	31.8	32.2
12H	4H	28.5	29.3	28.9	29.7	30.1	29.7	30.5	30.1	30.9	31.3
	6H	28.7	29.4	29.2	29.8	30.3	30.3	31.0	30.8	31.4	31.9
	8H	28.7	29.3	29.2	29.7	30.2	30.6	31.2	31.1	31.6	32.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.1 / - 0.2					
2.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 5274 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-11-09

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:

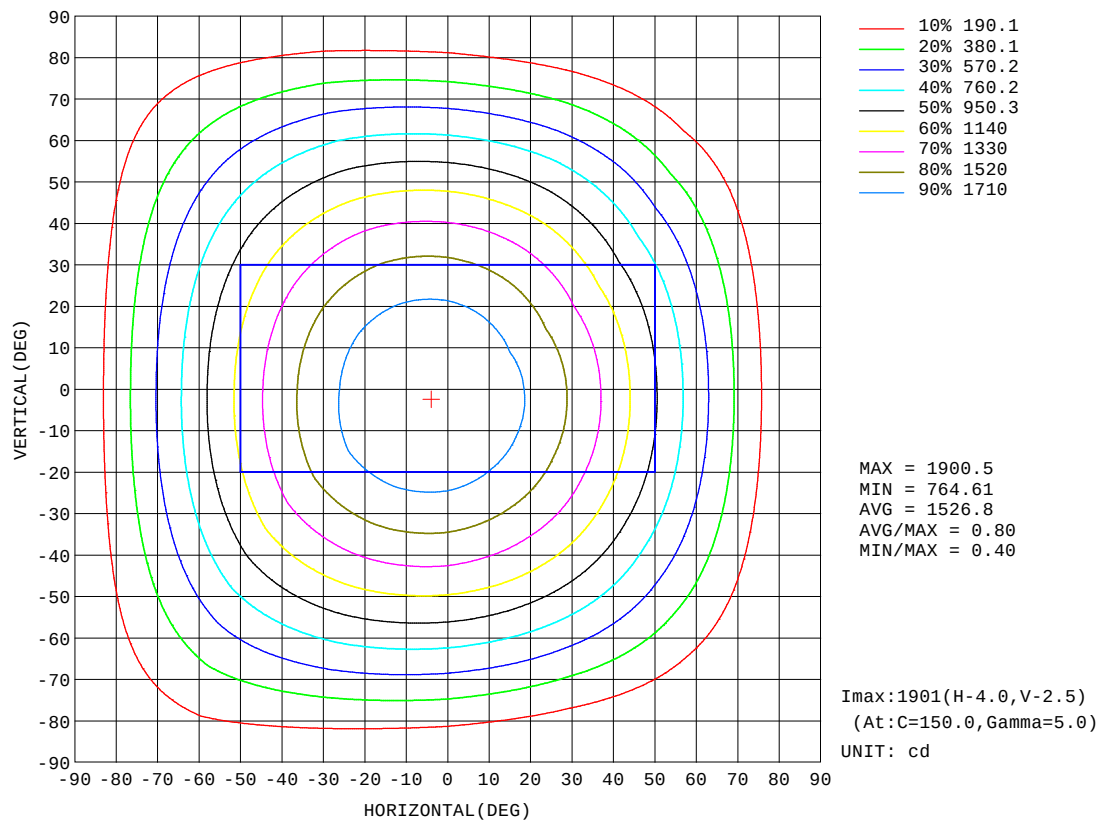
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	78	71	87	78	71	84	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:26.3DEG
 Operators:Ethan
 Test Date:2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:



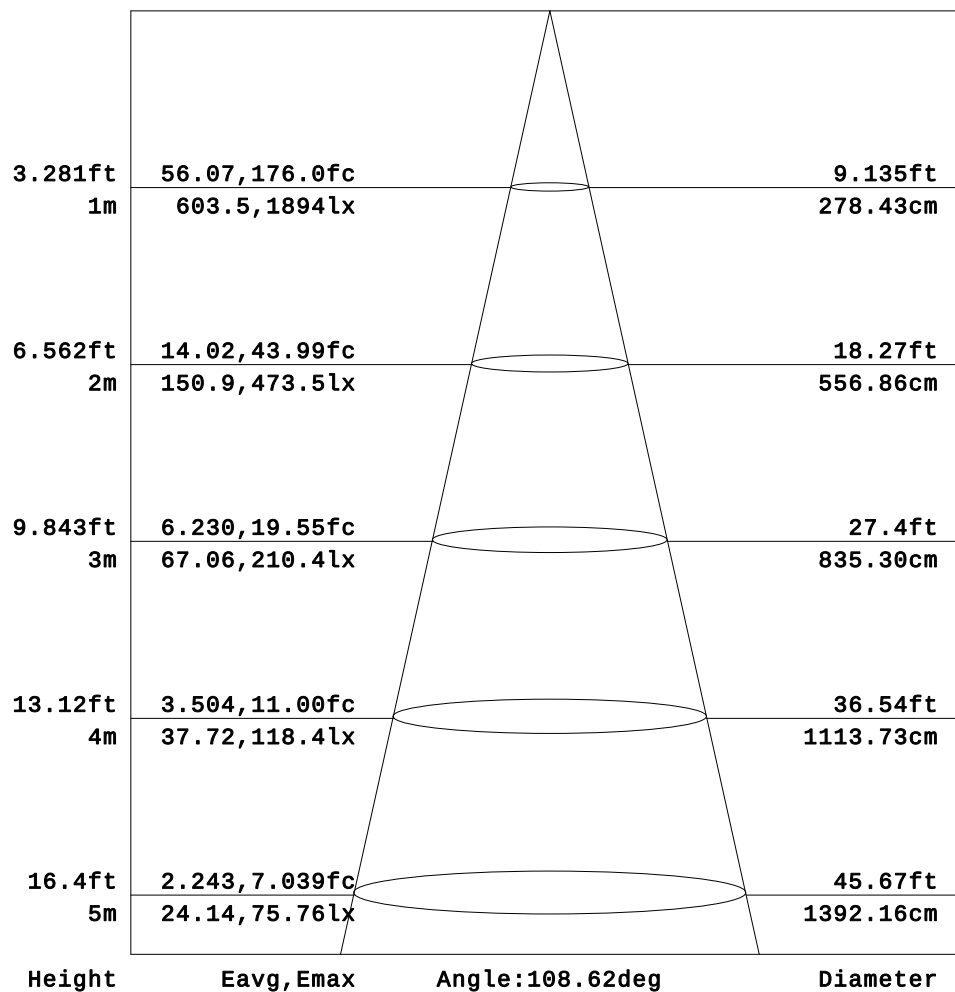
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks:

AAI Figure

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:

Flux out:3727 lm



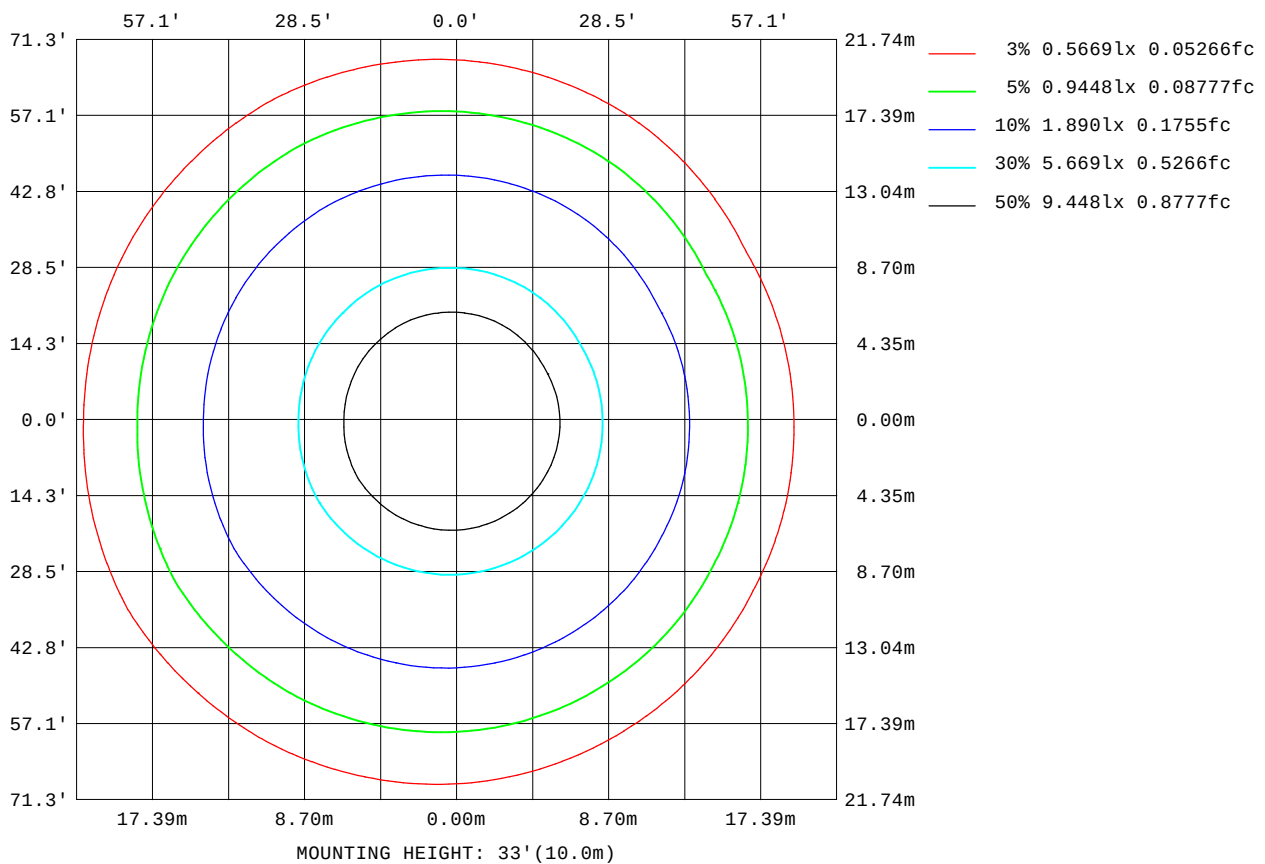
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-11-09

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

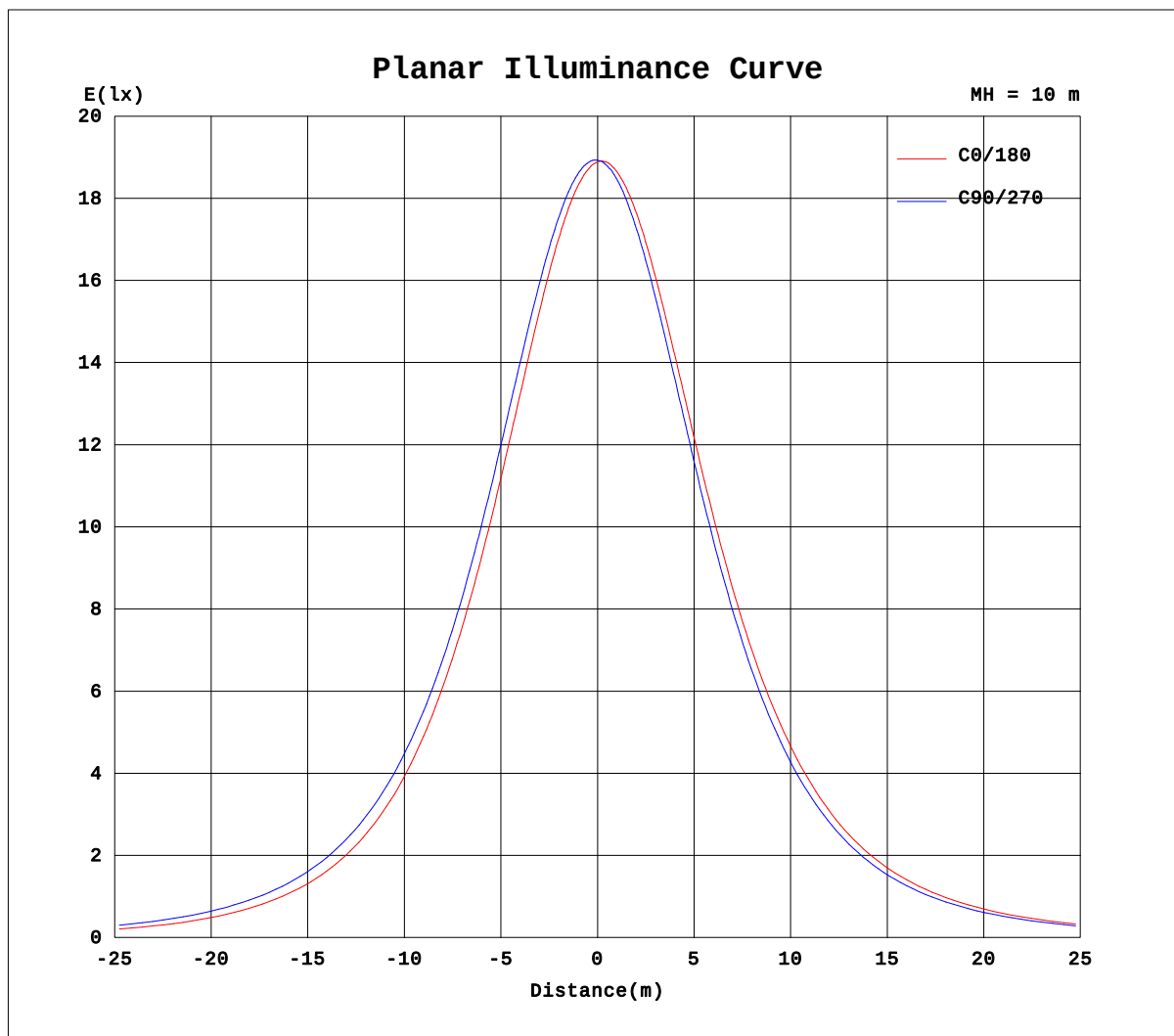
Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-11-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.2V I:0.3550A P:41.80W PF:0.9950 Lamp Flux:5274.24x1 lm		
NAME: 4FT二代铝材灯 40W 40K A档灯珠	TYPE:下发光	WEIGHT:
DIM.:	SPEC.:白色外壳 4000K	SERIAL No.:
MFR.: YQ	SUR.:1.2*0.07	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1892	1892	1892	1892	1892	1892	1892	1892	1892	1892	1892	1892						
5	1867	1871	1880	1889	1897	1903	1897	1893	1885	1877	1867	1862						
10	1823	1833	1849	1868	1883	1895	1882	1874	1861	1844	1826	1814						
15	1763	1778	1802	1829	1851	1867	1849	1836	1818	1795	1769	1749						
20	1687	1706	1737	1774	1802	1822	1798	1782	1759	1728	1697	1669						
25	1597	1619	1657	1701	1736	1759	1730	1712	1684	1648	1610	1575						
30	1494	1519	1562	1612	1652	1679	1647	1626	1597	1554	1511	1470						
35	1380	1408	1454	1509	1554	1586	1549	1527	1496	1448	1401	1353						
40	1252	1285	1334	1393	1442	1479	1441	1416	1385	1333	1282	1227						
45	1112	1147	1203	1268	1319	1361	1322	1298	1265	1209	1154	1089						
50	967	1000	1063	1128	1186	1234	1184	1167	1134	1078	1018	945						
55	816	850	917	985	1045	1089	1041	1025	998	939	878	796						
60	662	693	763	834	896	938	892	877	857	795	731	644						
65	505	539	604	680	743	784	738	726	709	649	581	489						
70	354	385	445	525	584	626	582	573	557	500	431	341						
75	211	239	295	373	424	469	428	417	408	356	287	198						
80	77.2	100	156	227	273	317	278	270	263	220	151	66.6						
85	6.72	7.31	33.5	91.4	136	173	137	131	127	92.9	26.4	2.74						
90	0.32	0.28	0.29	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28						
95	0.31	0.28	0.28	0.26	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28						
100	0.31	0.30	0.30	0.28	0.28	0.27	0.38	0.49	0.50	0.40	0.43	0.44						
105	0.33	0.32	0.33	0.31	0.31	0.29	0.36	0.44	0.46	0.41	0.42	0.42						
110	0.35	0.35	0.36	0.34	0.34	0.30	0.36	0.42	0.41	0.41	0.41	0.43						
115	0.39	0.40	0.40	0.38	0.38	0.33	0.36	0.42	0.46	0.43	0.45	0.47						
120	0.45	0.44	0.44	0.43	0.42	0.36	0.39	0.44	0.49	0.49	0.50	0.51						
125	0.49	0.49	0.48	0.48	0.46	0.41	0.44	0.49	0.53	0.54	0.54	0.56						
130	0.53	0.53	0.53	0.53	0.50	0.46	0.49	0.53	0.58	0.59	0.57	0.60						
135	0.57	0.57	0.56	0.57	0.54	0.50	0.55	0.58	0.61	0.63	0.61	0.63						
140	0.60	0.61	0.60	0.61	0.58	0.54	0.60	0.62	0.64	0.67	0.65	0.66						
145	0.64	0.64	0.64	0.65	0.61	0.58	0.62	0.65	0.67	0.70	0.68	0.69						
150	0.68	0.68	0.68	0.69	0.65	0.62	0.65	0.68	0.70	0.74	0.72	0.71						
155	0.72	0.73	0.72	0.73	0.70	0.67	0.69	0.72	0.74	0.77	0.76	0.76						
160	0.79	0.80	0.78	0.78	0.76	0.74	0.77	0.77	0.79	0.82	0.81	0.83						
165	0.88	0.87	0.84	0.83	0.83	0.82	0.86	0.84	0.85	0.87	0.88	0.91						
170	0.95	0.94	0.89	0.88	0.88	0.90	0.94	0.90	0.89	0.91	0.91	0.96						
175	0.96	0.93	0.90	0.90	0.90	0.93	0.94	0.89	0.89	0.89	0.89	0.92						
180	0.93	0.89	0.87	0.88	0.88	0.91	0.94	0.89	0.88	0.88	0.88	0.91						

C Range: 0 - 360DEG
C Interval: 30.0DEG
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