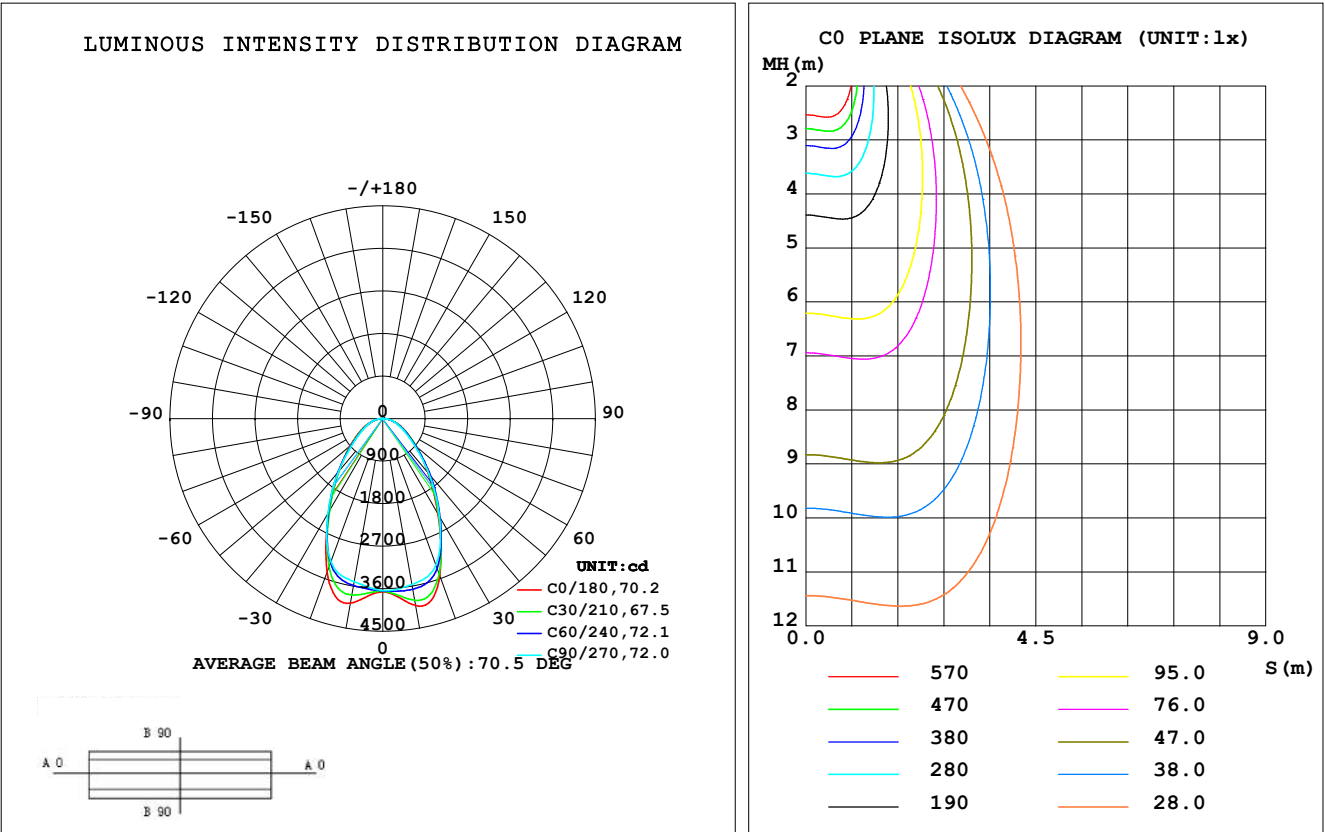


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.61 lm/W			
MODEL		I _{max} (cd)	4053	S/MH (C0/180)	1.04
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.05
RATED VOLTAGE(V)	220	TOTAL FLUX (lm)	6118.5	η UP,DN (C0-180)	0.0,49.8
NOMINAL FLUX(lm)	6118.52	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	221.2	η down (%)	100.0	CIBSE SHR MAX	1.05



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

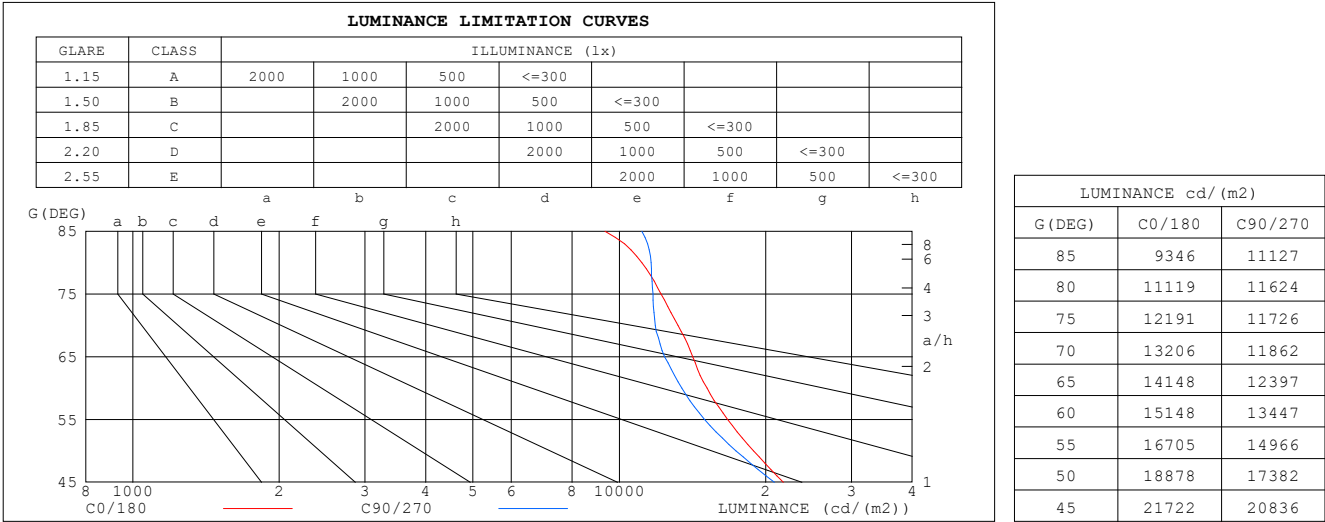
ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3962	3676	3501	3667	4012	3778	3563	3746	0- 10	353.1	353.1	5.77,5.77
20	3444	3303	3217	3369	3530	3398	3295	3289	10- 20	1021	1374	22.5,22.5
30	2279	2297	2328	2390	2337	2382	2405	2281	20- 30	1305	2679	43.8,43.8
40	1446	1483	1457	1545	1488	1539	1526	1466	30- 40	1177	3856	63,63
50	910.1	889.7	837.9	927.4	932.2	930.6	879.5	886.0	40- 50	898.9	4755	77.7,77.7
60	568.0	540.1	504.3	560.5	576.1	563.6	522.2	540.2	50- 60	626.6	5382	88,88
70	338.8	323.4	304.3	337.2	345.3	334.9	313.3	318.5	60- 70	420.1	5802	94.8,94.8
80	144.8	145.6	151.4	158.2	151.1	149.9	153.5	137.8	70- 80	242.9	6045	98.8,98.8
90	1.331	2.637	2.031	5.974	5.464	0.9785	0.3464	0.5701	80- 90	72.32	6117	100,100
100	1.304	1.704	1.515	0.7320	0.9107	0.1095	0.4103	0.1413	90-100	1.440	6118	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0503	6119	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6119	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6119	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6119	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6119	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6119	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6119	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6119	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

LUMINANCE LIMITATION CURVES

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:



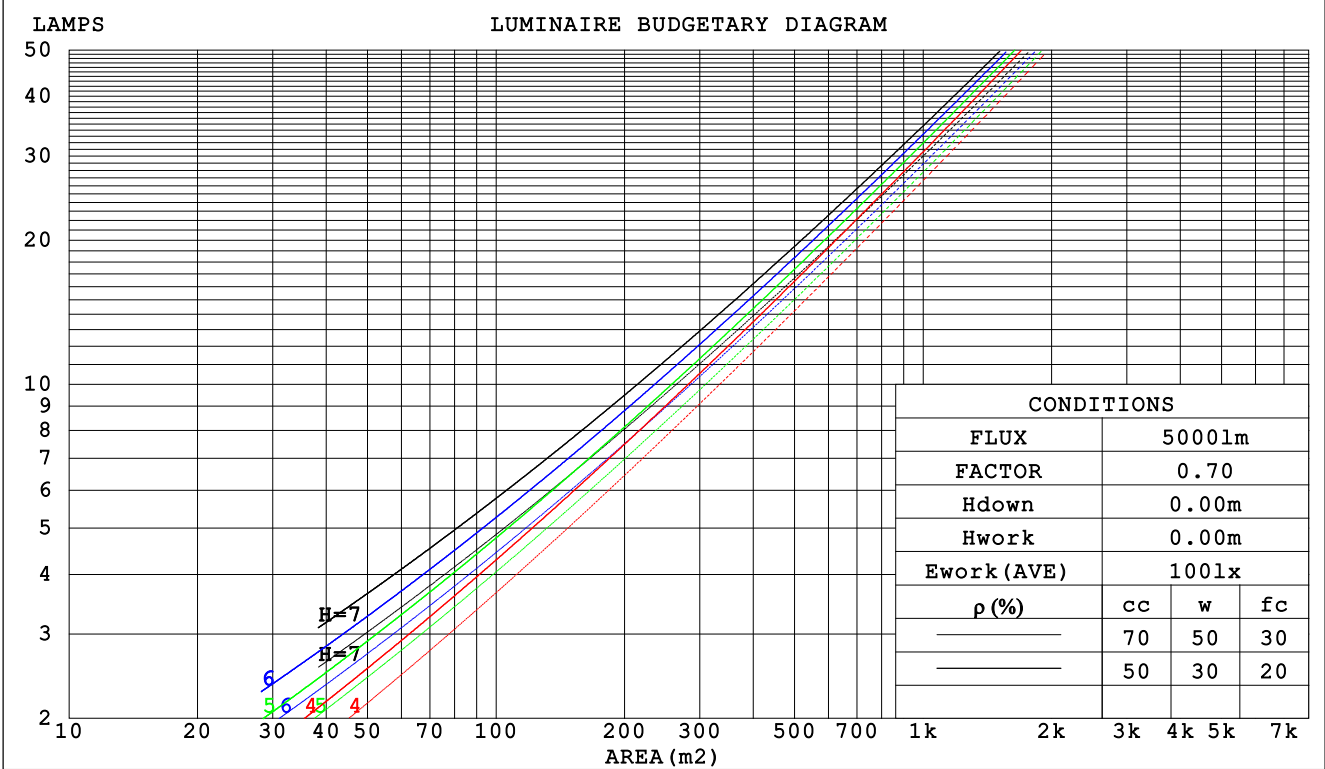
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz		
Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
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						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	1.07	1.03	.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.96	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.77	.73	.69	.67
4.0	.78	.71	.65	.77	.70	.64	.74	.68	.64	.72	.67	.63	.70	.66	.62	.60
5.0	.71	.63	.58	.70	.63	.57	.68	.62	.57	.66	.61	.56	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.54	.50	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.47	.57	.51	.46	.55	.50	.46	.44
8.0	.56	.48	.43	.55	.48	.43	.54	.47	.43	.53	.47	.42	.51	.46	.42	.40
9.0	.52	.44	.39	.51	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.39	.37
10.0	.48	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:zhang

Test Date:2024-05-14

γ Range: 0 - 100DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444

Humidity:61%

Test Distance:8.000m [K=1.1241]

Remarks:

WEC AND CCEC

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
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	.256	.146	.046	.249	.142	.045	.236	.135	.043	.224	.129	.041	.213	.124	.040		
2.0	.243	.133	.041	.237	.130	.040	.225	.125	.039	.215	.121	.038	.205	.116	.037		
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.194	.108	.033		
4.0	.212	.110	.032	.207	.108	.032	.198	.105	.031	.190	.102	.031	.183	.099	.030		
5.0	.198	.101	.029	.194	.099	.029	.186	.097	.029	.179	.094	.028	.172	.092	.028		
6.0	.185	.093	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	.163	.086	.025		
7.0	.174	.086	.024	.171	.085	.024	.165	.083	.024	.159	.082	.024	.154	.080	.023		
8.0	.164	.080	.023	.161	.079	.022	.156	.078	.022	.151	.076	.022	.146	.075	.022		
9.0	.155	.075	.021	.152	.074	.021	.147	.073	.021	.143	.072	.021	.139	.070	.020		
10.0	.147	.070	.020	.144	.070	.019	.140	.069	.019	.136	.067	.019	.132	.066	.019		

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	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.139	.151	.135	.119	.103	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.081	.134	.099	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.148	.100	.064	.127	.087	.056	.087	.060	.039	.050	.035	.023	.016	.012	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.126	.074	.037	.109	.064	.032	.075	.045	.023	.044	.026	.014	.014	.009	.004	
8.0	.120	.068	.032	.103	.059	.028	.072	.041	.020	.042	.024	.012	.013	.008	.004	
9.0	.115	.063	.028	.099	.054	.024	.068	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.109	.058	.024	.094	.051	.021	.065	.036	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm										
NAME: TK02-1.2M 50W CCT					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2024051403		
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	21.5	22.8	21.7	23.0	23.1	21.2	22.5	21.4	22.6	22.8
3H	22.6	23.8	22.9	24.0	24.2	22.2	23.3	22.4	23.6	23.8
4H	23.0	24.2	23.3	24.4	24.7	22.6	23.8	22.9	24.0	24.3
6H	23.4	24.5	23.7	24.7	25.0	23.1	24.1	23.4	24.4	24.7
8H	23.5	24.6	23.9	24.8	25.1	23.2	24.3	23.6	24.5	24.8
12H	23.6	24.6	23.9	24.9	25.2	23.4	24.3	23.7	24.6	24.9
4H 2H	21.8	23.0	22.1	23.2	23.5	21.6	22.7	21.9	23.0	23.2
3H	23.2	24.1	23.5	24.4	24.7	22.8	23.8	23.2	24.1	24.4
4H	23.8	24.7	24.1	25.0	25.3	23.4	24.3	23.8	24.7	25.0
6H	24.2	25.0	24.6	25.4	25.7	24.0	24.8	24.4	25.1	25.5
8H	24.4	25.2	24.8	25.5	25.9	24.2	25.0	24.6	25.3	25.7
12H	24.5	25.2	24.9	25.6	26.0	24.4	25.1	24.8	25.5	25.9
8H 4H	24.0	24.7	24.4	25.1	25.4	23.7	24.4	24.1	24.8	25.2
6H	24.6	25.2	25.0	25.6	26.0	24.4	25.0	24.8	25.4	25.8
8H	24.8	25.4	25.3	25.8	26.2	24.7	25.3	25.2	25.7	26.1
12H	25.0	25.5	25.5	25.9	26.4	25.0	25.4	25.5	25.9	26.4
12H 4H	24.0	24.7	24.4	25.0	25.4	23.7	24.4	24.1	24.8	25.2
6H	24.6	25.2	25.1	25.6	26.0	24.5	25.0	24.9	25.4	25.9
8H	24.9	25.4	25.4	25.8	26.3	24.8	25.3	25.3	25.7	26.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.4				

CIE Pub.117, 6119 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.3$)
Area: 0.075 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:

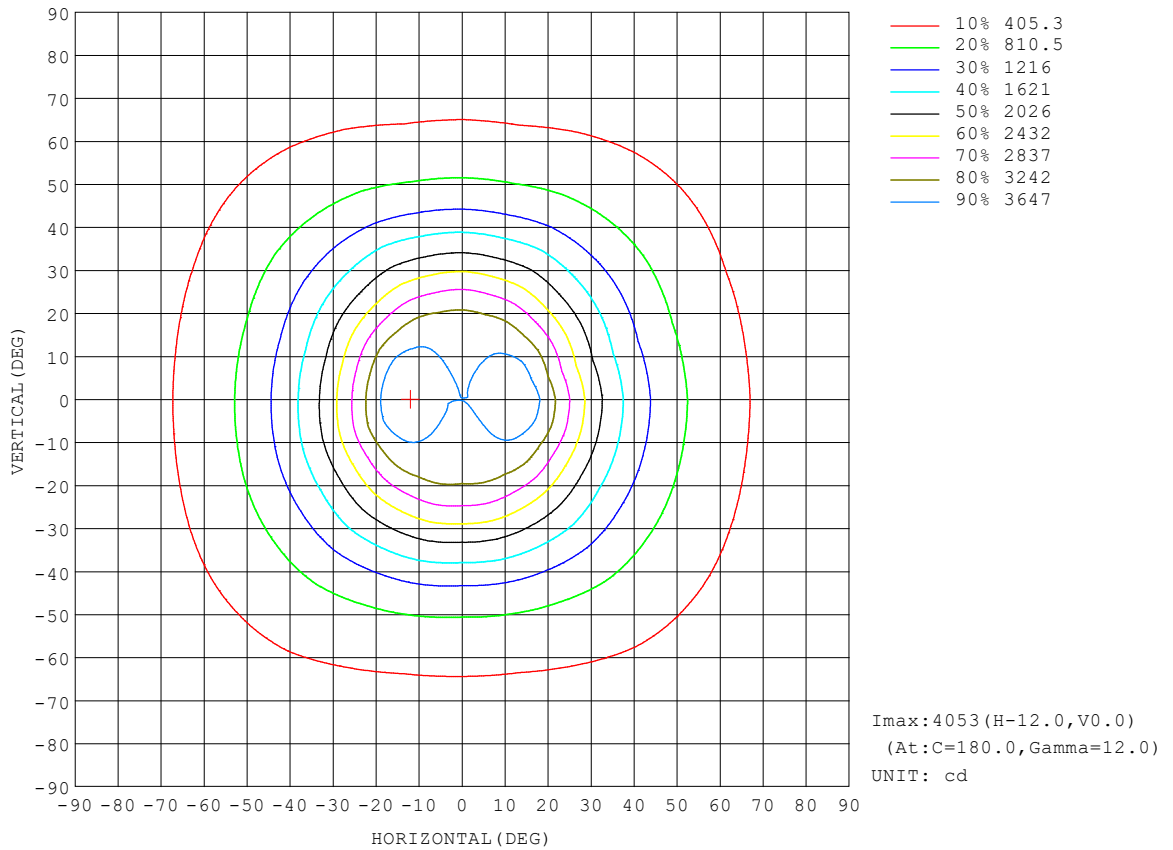
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	53	68	59	53	67	58	53	48
0.80	78	68	62	77	68	62	75	67	62	56
1.00	85	76	70	84	76	70	82	76	69	64
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	87	82	94	87	81	91	85	80	74
2.00	100	94	89	99	93	88	96	90	86	79
2.50	103	97	92	102	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
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: 25DEG
Operators: zhang
Test Date: 2024-05-14

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.1241]
Remarks:

ISOCANDELA DIAGRAM

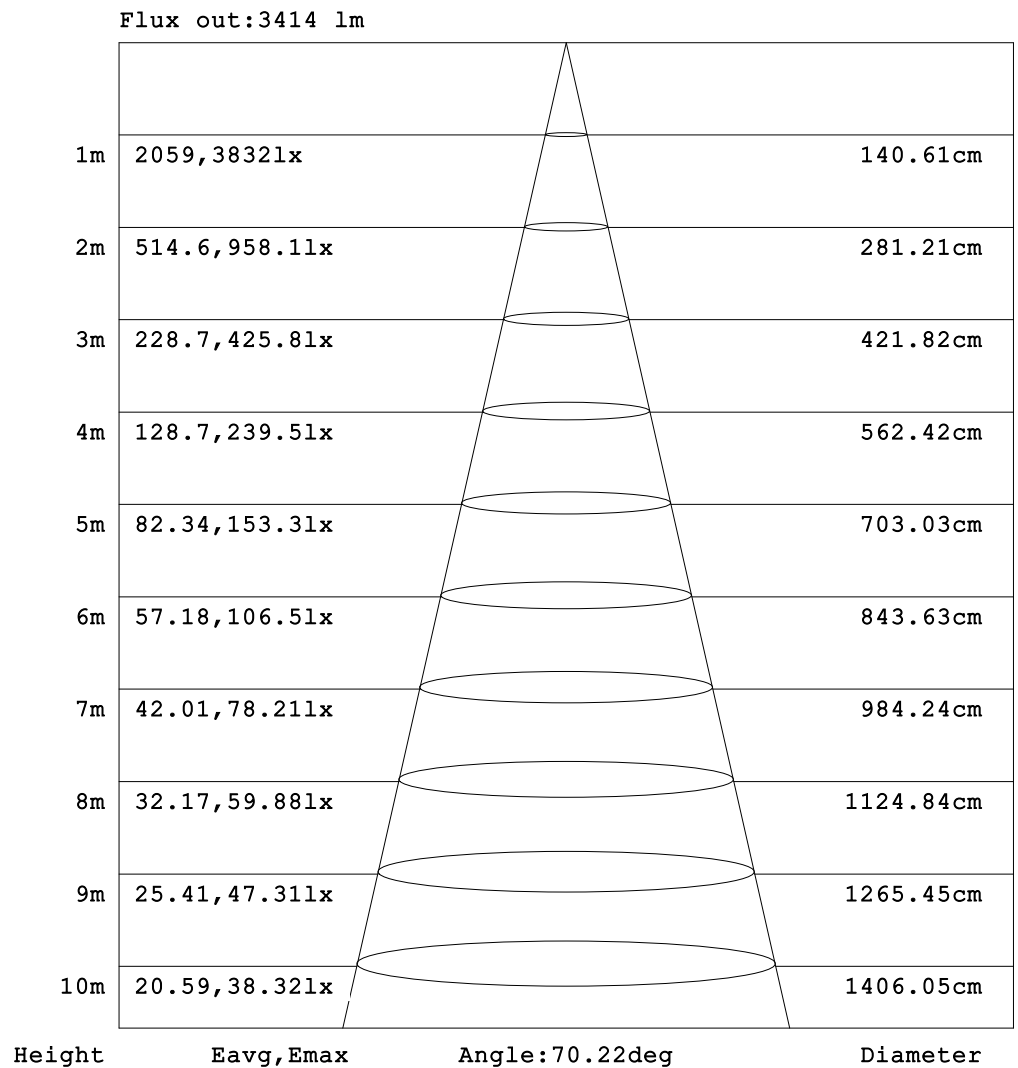
Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 100DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Temperature:25DEG	Humidity:61%
Operators:zhang	Test Distance:8.000m [K=1.1241]
Test Date:2024-05-14	Remarks:

AAI Figure

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:



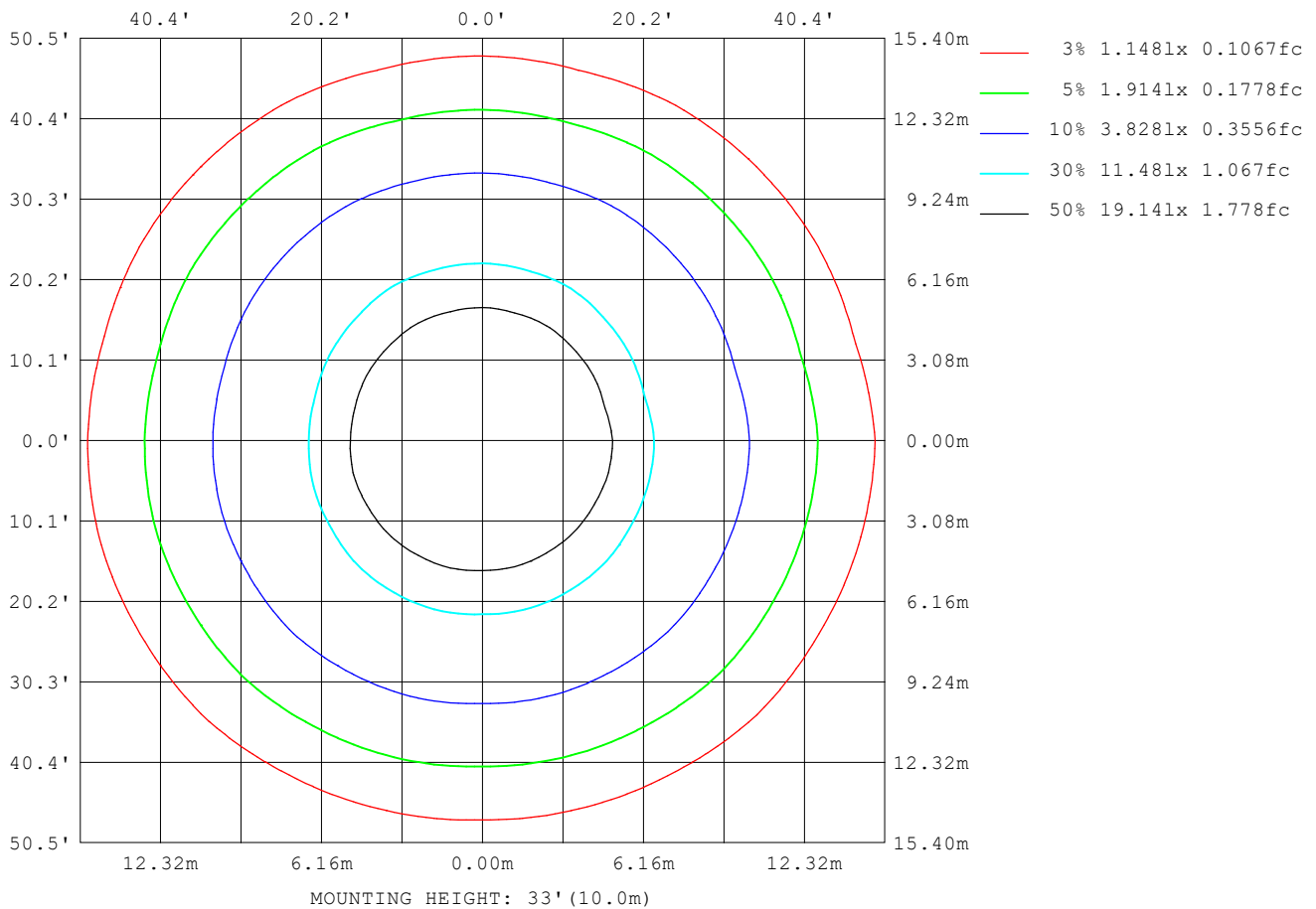
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

ISOLUX DIAGRAM

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: zhang
Test Date: 2024-05-14

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.1241]
Remarks:

LED Avg.L Report

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:

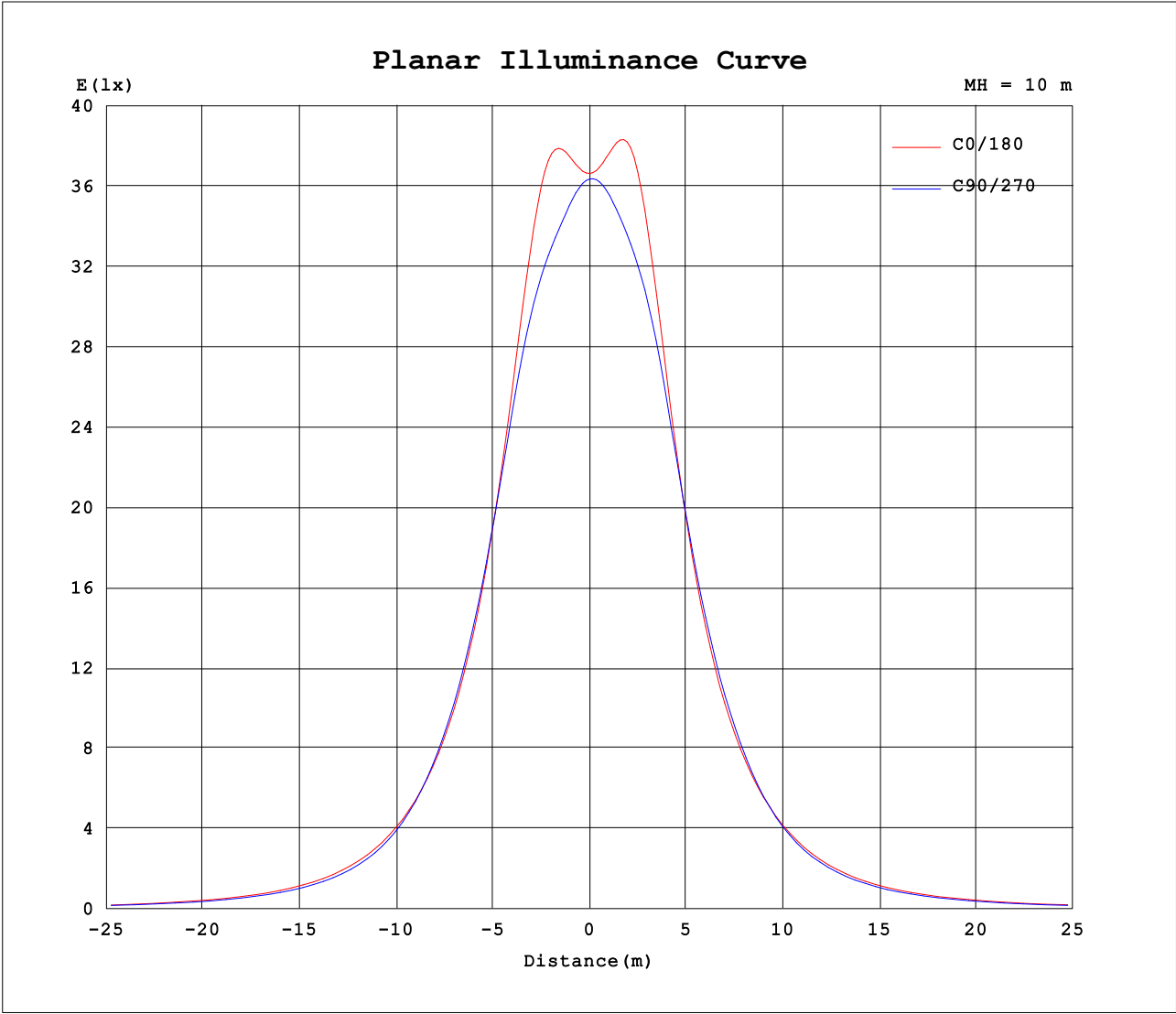
AvgL	cd/m2
L_0~180 (65) av	14252
L_0~180 (75) av	12372
L_0~180 (85) av	9728
L_90~270 (65) av	12601
L_90~270 (75) av	11852
L_90~270 (85) av	11066
L_45 (65) av	13546
L_45 (75) av	12077
L_45 (85) av	9764

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	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	3664	3660	3652	3648	3643	3641	3636	3634	3630	3630	3626	3627	3664	3660	3652	3648	3643	3641	3636	
5	3773	3738	3703	3657	3618	3593	3577	3586	3603	3633	3670	3690	3786	3791	3750	3712	3665	3632	3622	
10	3962	3889	3788	3676	3584	3528	3501	3521	3574	3667	3782	3877	4012	4001	3900	3778	3664	3587	3563	
15	3893	3830	3702	3597	3502	3455	3429	3454	3507	3615	3747	3897	3979	3945	3857	3711	3602	3518	3494	
20	3444	3428	3328	3303	3241	3241	3217	3261	3283	3369	3429	3546	3530	3500	3489	3398	3365	3301	3295	
25	2840	2837	2789	2811	2794	2820	2812	2855	2861	2903	2904	2957	2914	2892	2928	2905	2927	2884	2891	
30	2279	2271	2259	2297	2307	2335	2328	2370	2372	2390	2361	2378	2337	2319	2370	2382	2430	2399	2405	
35	1817	1815	1812	1863	1867	1885	1869	1915	1923	1940	1894	1902	1867	1850	1902	1924	1982	1945	1946	
40	1446	1442	1438	1483	1474	1477	1457	1504	1520	1545	1509	1514	1488	1474	1517	1539	1575	1532	1526	
45	1152	1140	1133	1148	1127	1122	1105	1142	1163	1199	1188	1196	1183	1168	1195	1205	1208	1171	1161	
50	910	898	886	890	859	849	838	865	886	927	928	941	932	918	935	931	921	884	879	
55	719	707	694	694	666	653	644	663	686	721	725	738	733	717	729	721	710	673	673	
60	568	552	543	540	520	504	504	511	534	561	567	575	576	563	566	564	549	522	522	
65	448	433	424	423	406	390	393	396	416	439	441	450	455	439	440	437	426	401	406	
70	339	325	317	323	308	299	304	303	317	337	334	342	345	332	331	335	324	306	313	
75	237	226	222	232	226	220	228	225	234	245	237	242	244	228	232	237	238	222	232	
80	145	137	131	146	145	145	151	149	154	158	145	153	151	141	140	150	154	146	153	
85	61.1	58.3	55.4	62.2	64.9	68.1	72.7	73.0	73.9	73.9	67.6	72.1	66.1	60.3	61.3	65.5	71.5	66.9	71.9	
90	1.33	1.81	2.39	2.64	2.99	3.48	2.03	5.00	4.97	5.97	4.64	4.76	5.46	0.70	6.82	0.98	2.06	1.29	0.35	
95	1.27	1.34	1.84	1.83	1.82	1.72	1.30	1.37	1.92	1.86	1.83	1.16	3.19	0.48	0.53	0.38	1.09	0.43	0.35	
100	1.30	0.38	1.67	1.70	1.67	1.59	1.51	0.39	1.74	0.73	1.66	0.33	0.91	0.19	0.18	0.11	0.30	0.48	0.41	
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.233A P:49.50W PF:0.958 Freq:50.00Hz Lamp Flux:6118.52x1 lm		
NAME: TK02-1.2M 50W CCT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024051403
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
C (DEG) γ (DEG)	285	300	315	330	345														
0	3634	3630	3630	3626	3627														
5	3629	3658	3699	3732	3768														
10	3583	3651	3746	3850	3926														
15	3502	3560	3632	3741	3789														
20	3269	3298	3289	3337	3316														
25	2849	2851	2791	2780	2722														
30	2364	2362	2281	2243	2178														
35	1912	1921	1840	1799	1736														
40	1501	1519	1466	1428	1380														
45	1145	1166	1144	1124	1093														
50	867	887	886	881	861														
55	660	686	687	689	676														
60	512	530	540	537	530														
65	394	412	418	417	414														
70	301	312	318	312	307														
75	218	227	223	215	210														
80	141	145	138	124	123														
85	63.0	62.2	53.7	48.5	46.0														
90	0.63	4.97	0.57	1.29	0.68														
95	0.32	0.45	0.49	0.61	0.47														
100	0.09	0.19	0.14	0.19	0.19														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:zhang
Test Date:2024-05-14

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1241]
Remarks: