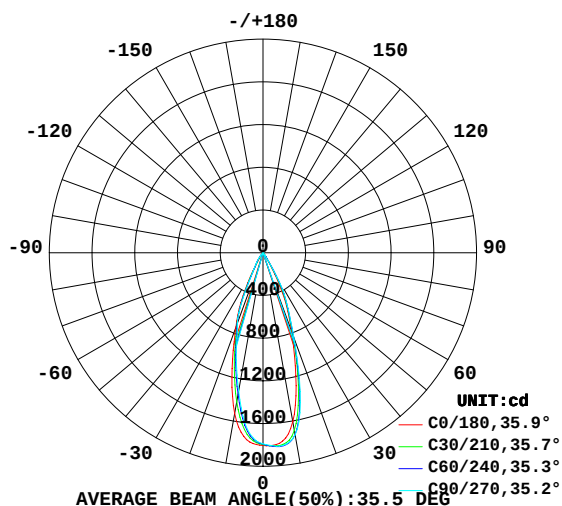


LUMINAIRE PHOTOMETRIC TEST REPORT

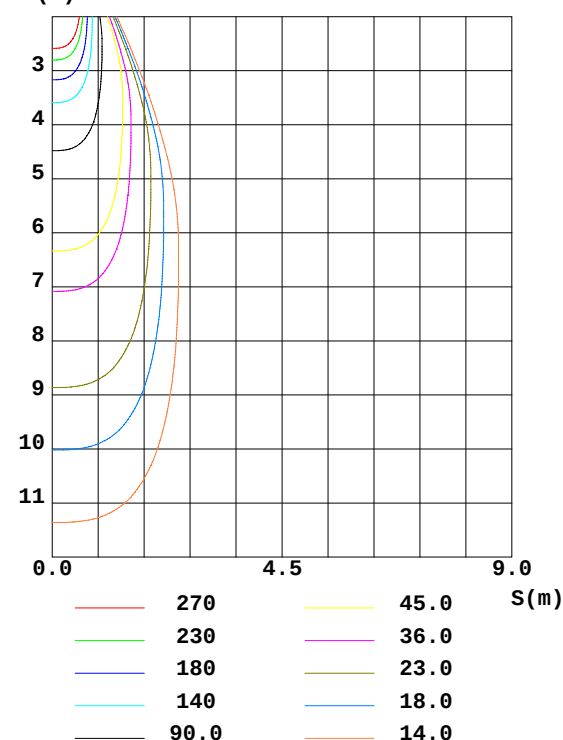
NAME: CL-Fold06 3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.28 lm/W			
MODEL		I _{max} (cd)	1821	S/MH(C0/180)	0.61
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	733.12	η UP, DN(C0-180)	0.2, 54.1
NOMINAL FLUX(lm)	733.124	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 45.5
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	99.6	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [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	1606	1716	1731	1665	1528	1376	1312	1395	0- 10	160.5	160.5	21.9, 21.9
20	780.3	828.7	848.5	812.0	743.4	711.1	701.9	708.6	10- 20	314.1	474.6	64.7, 64.7
30	176.0	235.1	263.5	218.3	146.4	147.5	156.3	143.2	20- 30	206.1	680.7	92.9, 92.9
40	17.02	21.18	12.42	23.85	17.03	28.23	26.75	27.54	30- 40	46.67	727.4	99.2, 99.2
50	0.0523	0.1512	0.0516	0.1700	0	0.1841	0.1137	0.1864	40- 50	3.029	730.4	99.6, 99.6
60	0	0	0	0	0	0	0	0	50- 60	0.0169	730.4	99.6, 99.6
70	0	0	0	0	0	0	0	0	60- 70	0	730.4	99.6, 99.6
80	0	0	0	0	0	0	0	0	70- 80	0	730.4	99.6, 99.6
90	0	0	0	0	0	0	0	0	80- 90	0	730.4	99.6, 99.6
100	0	0	0	0	0	0	0	0	90-100	0	730.4	99.6, 99.6
110	0	0	0	0	0	0	0	0	100-110	0	730.4	99.6, 99.6
120	0	0	0	0	0	0	0	0	110-120	0	730.4	99.6, 99.6
130	0	0	0	0	0.0003	0.0049	0	0.0049	120-130	0.0001	730.4	99.6, 99.6
140	0.3342	0.3280	0.3498	0.3325	0.4350	0.4579	0.4665	0.4485	130-140	0.1079	730.5	99.6, 99.6
150	1.264	1.192	1.181	1.196	1.361	1.451	1.476	1.423	140-150	0.4996	731.0	99.7, 99.7
160	2.495	2.402	2.389	2.390	2.559	2.643	2.665	2.603	150-160	0.8679	731.9	99.8, 99.8
170	3.609	3.551	3.536	3.509	3.654	3.631	3.624	3.596	160-170	0.8543	732.8	100, 100
180	4.195	4.132	4.101	4.077	4.200	4.129	4.096	4.077	170-180	0.3651	733.1	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

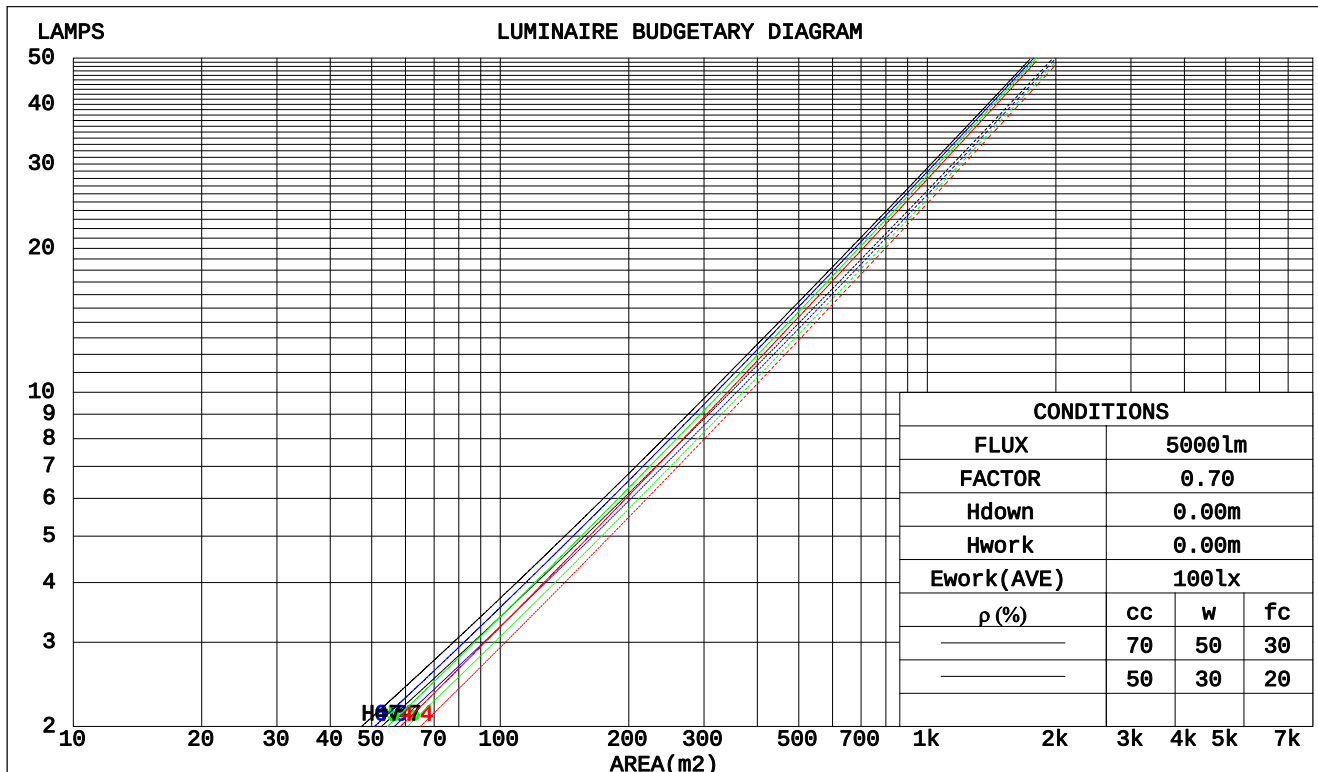
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: FoId06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.91	.95	.92	.90	.92	.90	.89	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.85	.83	.88	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.84	.79	.76	.84	.79	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.76	.72	.69	.75	.71	.69	.68
10.0	.75	.70	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: FoId06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	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 Coeffcients(WEC)										
0.0																	
1.0	.149	.085	.027	.143	.081	.026	.130	.074	.024	.118	.068	.022	.107	.062	.020		
2.0	.140	.077	.024	.134	.074	.023	.124	.069	.021	.114	.064	.020	.105	.059	.019		
3.0	.132	.070	.021	.127	.068	.020	.118	.064	.019	.110	.060	.018	.102	.057	.018		
4.0	.124	.065	.019	.120	.063	.019	.113	.060	.018	.106	.057	.017	.099	.054	.016		
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.052	.015		
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	.094	.049	.015		
7.0	.107	.053	.015	.105	.052	.015	.100	.050	.015	.095	.049	.014	.091	.047	.014		
8.0	.103	.050	.014	.101	.050	.014	.096	.048	.014	.092	.047	.013	.088	.045	.013		
9.0	.099	.048	.013	.097	.047	.013	.093	.046	.013	.089	.045	.013	.086	.043	.013		
10.0	.095	.046	.013	.093	.045	.013	.090	.044	.012	.086	.043	.012	.083	.042	.012		

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.172	.160	.150	.147	.138	.129	.101	.095	.089	.058	.055	.052	.019	.018	.017	
2.0	.155	.135	.119	.133	.117	.103	.091	.081	.072	.052	.047	.042	.017	.015	.014	
3.0	.141	.116	.097	.121	.100	.084	.083	.070	.059	.048	.041	.035	.015	.013	.011	
4.0	.129	.101	.080	.111	.087	.069	.076	.061	.049	.044	.036	.029	.014	.012	.009	
5.0	.119	.089	.067	.102	.077	.058	.070	.054	.041	.041	.032	.024	.013	.010	.008	
6.0	.111	.079	.057	.095	.069	.049	.066	.048	.035	.038	.028	.021	.012	.009	.007	
7.0	.104	.071	.049	.089	.062	.042	.062	.043	.030	.036	.026	.018	.012	.008	.006	
8.0	.098	.065	.042	.084	.056	.037	.058	.039	.026	.034	.023	.016	.011	.008	.005	
9.0	.092	.059	.037	.080	.051	.032	.055	.036	.023	.032	.021	.014	.010	.007	.005	
10.0	.088	.055	.033	.076	.048	.029	.052	.033	.020	.031	.020	.012	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: Fold06-3000k-RA90-34D						TYPE:			WEIGHT:		
DIM.:						SPEC.:			SERIAL No.:		
MFR.: VD						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	-2.9	-2.2	-2.7	-2.0	-1.8	-2.0	-1.3	-1.8	-1.1	-0.9	
3H	-3.1	-2.4	-2.8	-2.2	-2.0	-2.2	-1.5	-1.9	-1.3	-1.1	
4H	-3.2	-2.5	-2.9	-2.3	-2.1	-2.2	-1.6	-2.0	-1.4	-1.1	
6H	-3.2	-2.6	-2.9	-2.4	-2.1	-2.3	-1.7	-2.0	-1.5	-1.2	
8H	-3.3	-2.7	-3.0	-2.4	-2.2	-2.4	-1.8	-2.1	-1.5	-1.3	
12H	-3.3	-2.8	-3.0	-2.5	-2.2	-2.4	-1.8	-2.1	-1.6	-1.3	
4H 2H	-3.2	-2.5	-2.9	-2.3	-2.1	-2.2	-1.6	-2.0	-1.4	-1.1	
3H	-3.3	-2.8	-3.0	-2.5	-2.2	-2.4	-1.8	-2.1	-1.6	-1.3	
4H	-3.4	-2.9	-3.1	-2.6	-2.3	-2.5	-2.0	-2.2	-1.7	-1.4	
6H	-3.5	-3.1	-3.2	-2.7	-2.4	-2.6	-2.2	-2.2	-1.8	-1.5	
8H	-3.6	-3.2	-3.2	-2.8	-2.4	-2.7	-2.2	-2.3	-1.9	-1.5	
12H	-3.6	-3.2	-3.2	-2.9	-2.5	-2.7	-2.3	-2.3	-2.0	-1.6	
8H 4H	-3.6	-3.2	-3.2	-2.8	-2.4	-2.7	-2.2	-2.3	-1.9	-1.5	
6H	-3.7	-3.3	-3.3	-2.9	-2.5	-2.8	-2.4	-2.3	-2.0	-1.6	
8H	-3.8	-3.4	-3.3	-3.0	-2.6	-2.8	-2.5	-2.4	-2.1	-1.7	
12H	-3.8	-3.5	-3.3	-3.1	-2.6	-2.9	-2.6	-2.4	-2.2	-1.7	
12H 4H	-3.6	-3.2	-3.2	-2.9	-2.5	-2.7	-2.3	-2.3	-2.0	-1.6	
6H	-3.8	-3.4	-3.3	-3.0	-2.6	-2.8	-2.5	-2.4	-2.1	-1.7	
8H	-3.8	-3.5	-3.3	-3.1	-2.6	-2.9	-2.6	-2.4	-2.2	-1.7	
Variations with the observer position at spacings:											
S = 1.0H	+ 4.3 / - 1.\$					+ 3.5 / - 1.\$					
1.5H	+ 7.1 / - 1.\$					+ 6.3 / - 1.\$					
2.0H	+ 8.1 / - 1.\$					+ 7.6 / - 1.\$					

CIE Pub.117 Corrected 733.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.1)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Fold06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

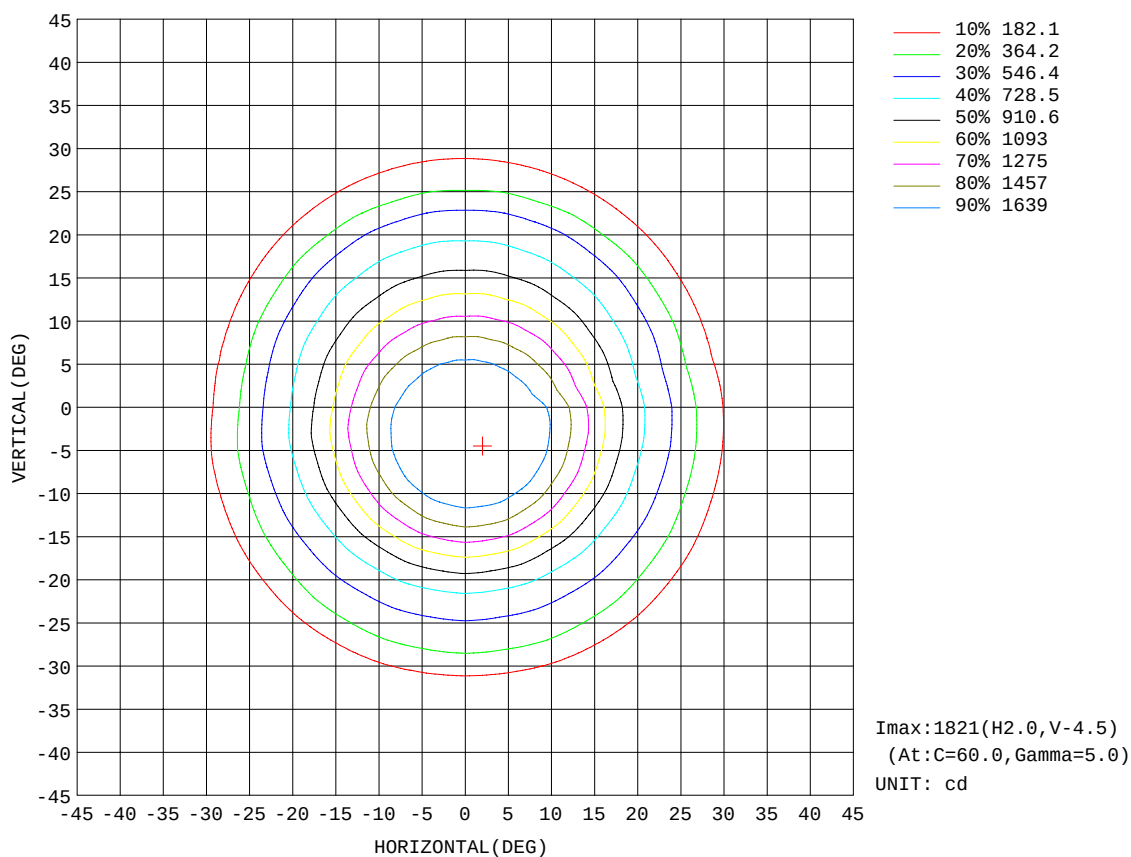
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	91	85	82	90	85	82	79
0.80	98	93	90	97	93	89	96	92	89	86
1.00	102	97	94	101	96	93	99	96	93	89
1.25	105	101	98	104	100	97	102	99	96	92
1.50	108	103	101	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: FoId06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

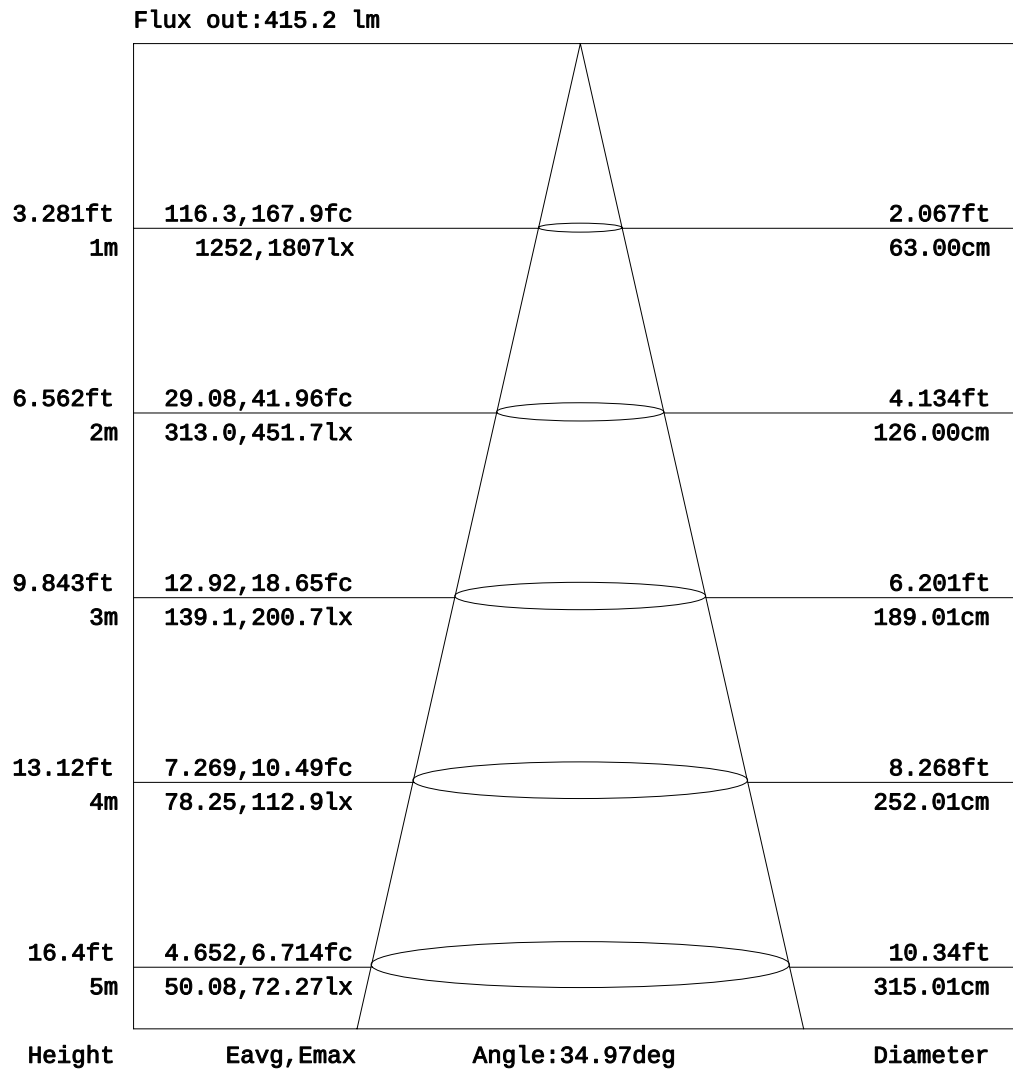


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

AAI Figure

NAME: Fold06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



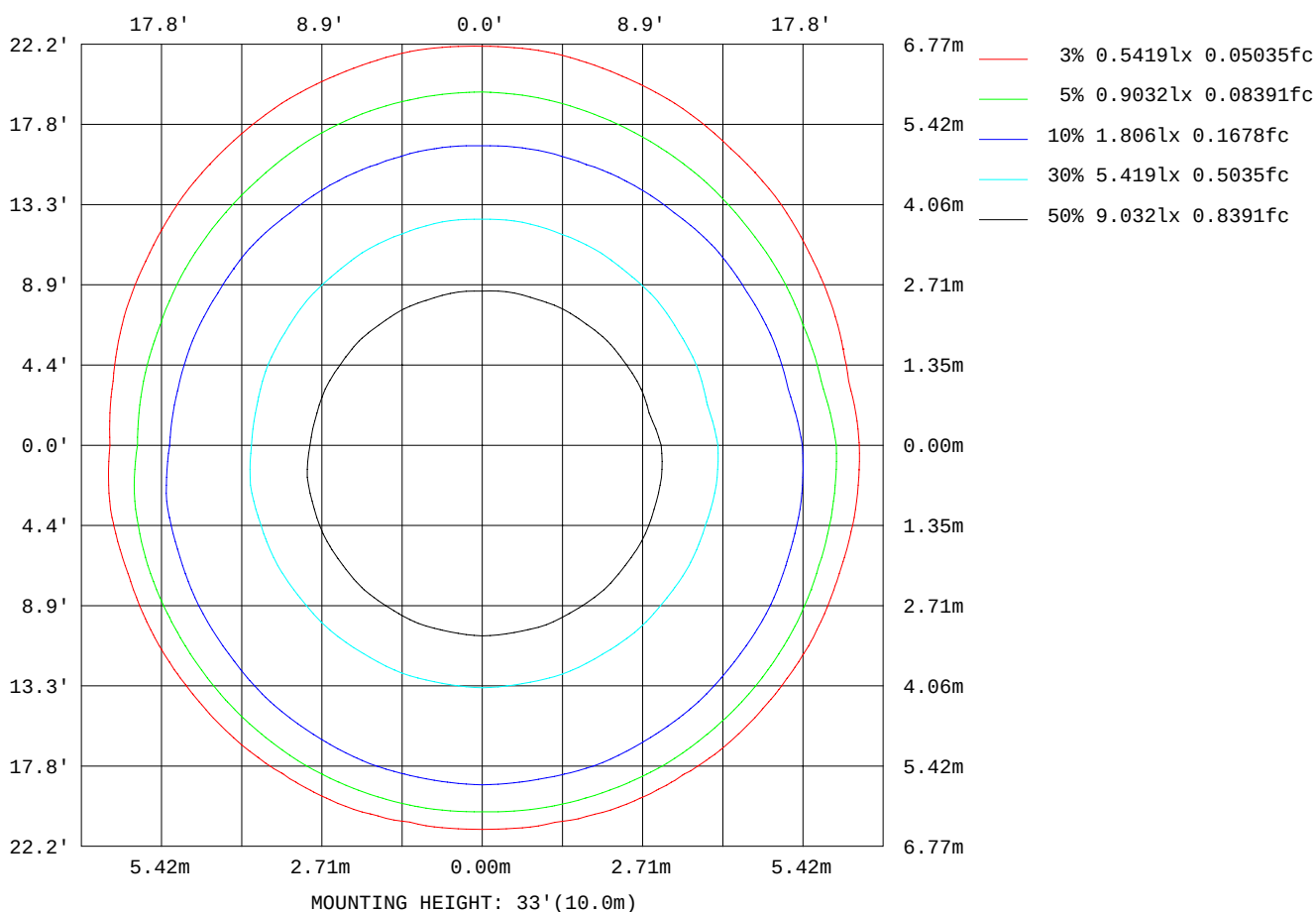
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: FoId06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Fold06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	733.124	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	0	200	---	500
Category 2	65 to 90	0	200	---	500
Category 3	75 to 90	0	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Fold06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	733.124	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	0	1000	1500	200	500
65 to 90	0	1000	1500	200	500

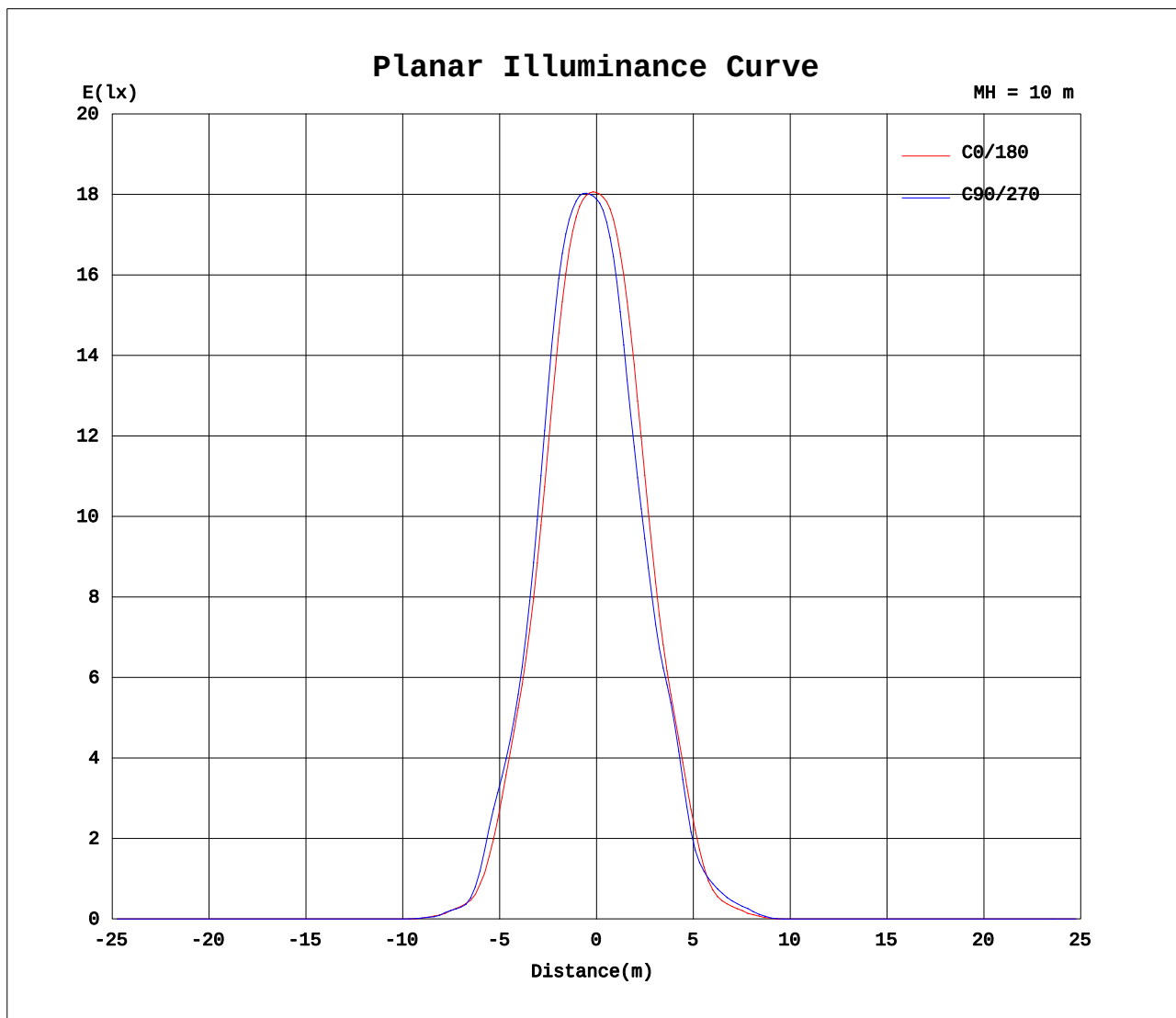
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisfies the specified luminance criteria for
Negative Software with Type I & II Screen(Good to Moderate treatment).

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Fold06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(°) γ (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1805	1802	1800	1797	1796	1794	1793	1791	1791	1789	1789	1788	1787	1786	1787	1786	1786	1787	1805
5	1790	1799	1804	1811	1816	1819	1821	1821	1820	1817	1814	1810	1804	1798	1788	1779	1767	1758	1758
10	1606	1641	1661	1690	1706	1726	1731	1737	1732	1731	1722	1715	1696	1680	1650	1627	1592	1569	1528
15	1192	1231	1246	1281	1293	1323	1327	1347	1339	1346	1327	1323	1294	1281	1248	1228	1192	1175	1122
20	780	795	797	818	820	837	837	848	842	848	837	840	824	821	803	799	779	776	743
25	482	500	502	516	518	528	527	534	529	534	528	529	520	519	507	504	489	484	443
30	176	191	201	217	227	244	251	264	259	264	255	254	238	227	209	199	184	176	146
35	57.7	55.2	52.7	54.5	55.6	58.1	57.8	55.1	52.6	53.2	54.0	56.5	57.2	56.5	54.7	54.2	54.0	57.6	56.9
40	17.0	16.1	16.1	20.4	20.0	22.4	20.3	17.9	12.2	12.4	13.3	20.5	23.3	24.6	23.1	23.8	18.8	19.7	17.0
45	0.30	0.33	0.61	1.00	1.43	1.58	1.06	0.76	0.48	0.40	0.50	0.89	1.26	1.83	1.35	0.71	0.43	0.30	0.23
50	0.05	0.00	0.08	0.07	0.17	0.14	0.15	0.07	0.11	0.05	0.11	0.09	0.18	0.16	0.18	0.08	0.09	0.01	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00
60	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
65	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
70	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
75	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
80	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
85	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
90	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
95	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
100	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
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	0.06	0.10	0.06	0.10	0.06	0.10	0.06	0.11	0.06	0.10	0.06	0.10	0.06	0.10	0.06	0.09	0.06	0.10	0.15
140	0.33	0.36	0.32	0.35	0.31	0.35	0.31	0.35	0.32	0.35	0.31	0.35	0.31	0.35	0.32	0.35	0.31	0.36	0.43
145	0.73	0.76	0.71	0.72	0.68	0.71	0.67	0.71	0.67	0.71	0.66	0.71	0.67	0.71	0.68	0.73	0.71	0.76	0.83
150	1.26	1.28	1.22	1.23	1.18	1.20	1.16	1.18	1.15	1.18	1.15	1.19	1.16	1.21	1.18	1.23	1.23	1.28	1.36
155	1.88	1.88	1.83	1.82	1.77	1.79	1.74	1.77	1.73	1.77	1.73	1.78	1.75	1.79	1.78	1.83	1.82	1.87	1.95
160	2.50	2.51	2.44	2.46	2.40	2.41	2.37	2.39	2.35	2.39	2.36	2.39	2.36	2.40	2.38	2.43	2.42	2.47	2.56
165	3.09	3.10	3.04	3.05	3.00	3.02	2.97	3.00	2.96	2.99	2.96	2.99	2.95	3.00	2.97	3.02	3.00	3.06	3.15
170	3.61	3.63	3.57	3.60	3.54	3.56	3.51	3.55	3.50	3.54	3.49	3.54	3.49	3.53	3.49	3.53	3.50	3.56	3.65
175	3.99	4.02	3.97	3.99	3.93	3.96	3.91	3.95	3.89	3.93	3.88	3.92	3.87	3.91	3.86	3.91	3.88	3.95	4.04
180	4.20	4.20	4.16	4.16	4.13	4.13	4.12	4.12	4.10	4.10	4.09	4.10	4.09	4.09	4.07	4.08	4.09	4.11	4.20

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FoId06-3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
γ (°)	180	180	179	179	179	179	179	179	179	178	178	178	178	178	178	178	178		
0	1802	1800	1797	1796	1794	1793	1791	1791	1789	1789	1788	1787	1786	1787	1786	1786	1787		
5	1739	1725	1707	1697	1683	1678	1669	1669	1664	1670	1672	1684	1689	1705	1716	1735	1746		
10	1487	1459	1418	1393	1359	1345	1324	1321	1312	1326	1331	1357	1376	1414	1441	1486	1518		
15	1087	1069	1036	1024	998	992	975	976	968	979	979	998	1008	1035	1052	1087	1106		
20	729	729	716	716	706	710	704	707	702	705	700	705	703	714	715	728	730		
25	423	420	405	405	389	391	377	383	374	383	377	392	391	410	411	427	431		
30	147	142	147	146	149	153	155	156	156	155	151	147	146	141	142	140	149		
35	59.5	64.7	68.4	73.6	75.7	79.3	80.8	82.5	82.1	81.9	78.9	76.8	72.9	70.7	65.9	61.8	56.7		
40	17.9	21.1	25.3	28.1	28.3	30.5	30.2	28.8	26.7	27.8	28.9	29.8	27.7	27.3	24.0	19.6	15.8		
45	0.31	0.53	0.79	1.13	1.01	0.82	0.57	0.45	0.44	0.48	0.64	0.87	0.91	0.88	0.58	0.29	0.27		
50	0.06	0.02	0.13	0.14	0.23	0.15	0.15	0.08	0.11	0.07	0.15	0.15	0.24	0.13	0.11	0.02	0.05		
55	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00		
60	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		
65	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		
70	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		
75	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		
80	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		
85	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		
90	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		
95	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		
100	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		
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		
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		
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		
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		
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		
130	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00		
135	0.12	0.17	0.13	0.18	0.14	0.19	0.15	0.21	0.16	0.20	0.15	0.19	0.15	0.18	0.13	0.16	0.11		
140	0.40	0.44	0.42	0.47	0.44	0.49	0.46	0.50	0.47	0.50	0.45	0.48	0.44	0.46	0.41	0.44	0.38		
145	0.82	0.86	0.85	0.91	0.88	0.93	0.91	0.94	0.91	0.94	0.90	0.92	0.87	0.89	0.83	0.85	0.79		
150	1.36	1.42	1.41	1.46	1.44	1.49	1.47	1.51	1.48	1.49	1.46	1.46	1.42	1.43	1.37	1.38	1.33		
155	1.95	2.01	2.00	2.06	2.05	2.09	2.08	2.12	2.08	2.10	2.06	2.07	2.01	2.02	1.96	1.97	1.91		
160	2.54	2.60	2.59	2.65	2.64	2.69	2.66	2.70	2.67	2.68	2.64	2.65	2.60	2.61	2.54	2.55	2.49		
165	3.10	3.15	3.13	3.19	3.17	3.22	3.20	3.24	3.20	3.23	3.17	3.20	3.14	3.16	3.09	3.12	3.06		
170	3.59	3.63	3.59	3.65	3.61	3.66	3.63	3.67	3.62	3.66	3.60	3.63	3.58	3.62	3.56	3.59	3.54		
175	3.99	4.01	3.96	4.01	3.95	4.01	3.96	4.01	3.95	3.99	3.94	3.96	3.92	3.96	3.92	3.96	3.92		
180	4.18	4.19	4.14	4.14	4.12	4.12	4.11	4.11	4.10	4.10	4.08	4.09	4.08	4.08	4.08	4.09	4.11		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks: