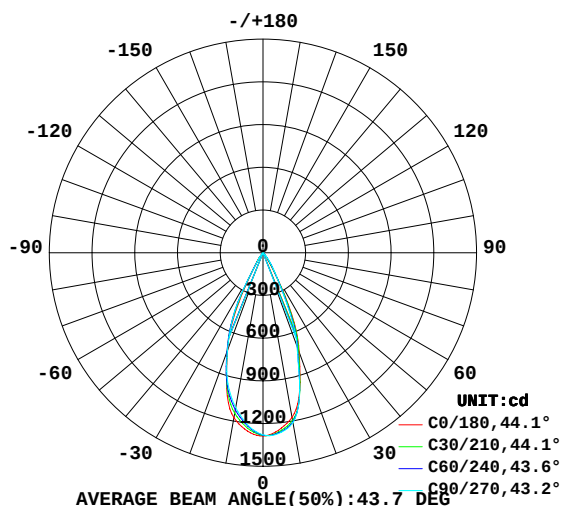


LUMINAIRE PHOTOMETRIC TEST REPORT

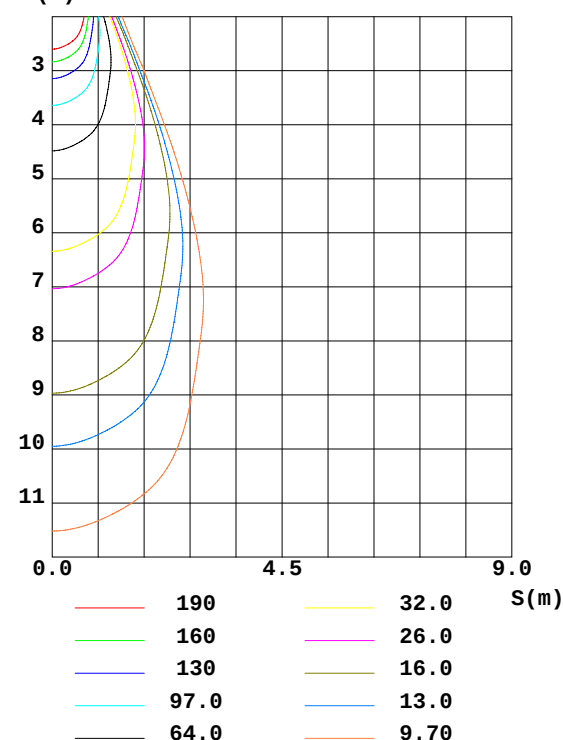
NAME: CL-Fold06 3000k-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.53 lm/W			
MODEL		Imax(cd)	1287	S/MH(C0/180)	0.68
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	642.83	η UP, DN(C0-180)	0.2, 50.6
NOMINAL FLUX(lm)	642.829	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 49.1
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	99.6	CIBSE SHR MAX	0.70

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:2022-04-07

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	1174	1202	1211	1202	1177	1131	1105	1119	0- 10	116.4	116.4	18.1,18.1
20	742.9	720.5	698.9	712.7	728.7	740.3	731.4	729.6	10- 20	267.4	383.8	59.7,59.7
30	169.5	182.4	187.5	182.2	157.7	171.4	172.8	163.7	20- 30	202.8	586.6	91.3,91.3
40	19.80	35.61	40.34	39.96	21.24	17.53	13.42	17.04	30- 40	47.35	634.0	98.6,98.6
50	0.1423	0.6245	0.2399	0.8439	0.0702	0.3449	0.1753	0.4321	40- 50	6.485	640.5	99.6,99.6
60	0	0	0	0	0	0	0	0	50- 60	0.0455	640.5	99.6,99.6
70	0	0	0	0	0	0	0	0	60- 70	0	640.5	99.6,99.6
80	0	0	0	0	0	0	0	0	70- 80	0	640.5	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	0	640.5	99.6,99.6
100	0	0	0	0	0	0	0	0	90-100	0	640.5	99.6,99.6
110	0	0	0	0	0	0	0	0	100-110	0	640.5	99.6,99.6
120	0	0	0	0	0	0	0	0	110-120	0	640.5	99.6,99.6
130	0	0	0	0	0.0050	0.0072	0	0.0143	120-130	0.0002	640.5	99.6,99.6
140	0.3485	0.3822	0.4018	0.3657	0.4208	0.3918	0.3769	0.3942	130-140	0.1108	640.6	99.7,99.7
150	1.160	1.184	1.200	1.159	1.204	1.168	1.146	1.173	140-150	0.4633	641.1	99.7,99.7
160	2.061	2.093	2.120	2.067	2.087	2.062	2.071	2.081	150-160	0.7415	641.8	99.8,99.8
170	2.944	2.997	3.021	2.956	2.988	2.905	2.887	2.919	160-170	0.7000	642.5	100,100
180	3.502	3.466	3.454	3.440	3.506	3.466	3.445	3.447	170-180	0.3039	642.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

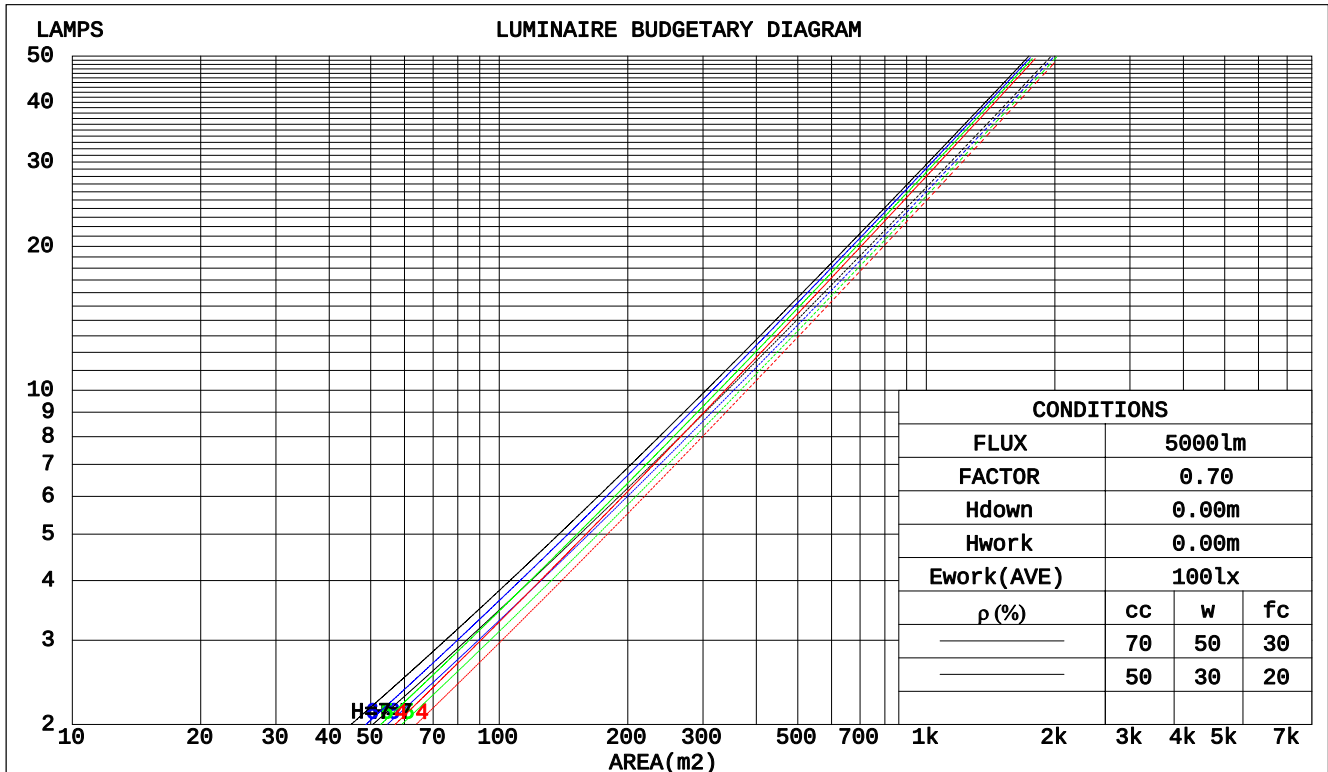
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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-RA90-48D	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	.00	.98	.98	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.94	.91	.89	.92	.89	.88	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.86	.83	.82
5.0	.90	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75
7.0	.82	.77	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.73	.71
8.0	.79	.74	.70	.78	.74	.70	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68
9.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.70	.67	.73	.69	.67	.65
10.0	.72	.68	.64	.72	.67	.64	.71	.67	.64	.71	.67	.64	.70	.66	.64	.63



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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-RA90-48D	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 Coefficients(WEC)										
0.0																	
1.0	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.112	.065	.021		
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.119	.067	.021	.110	.062	.020		
3.0	.137	.073	.022	.132	.071	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018		
4.0	.129	.067	.020	.125	.066	.019	.118	.062	.019	.111	.059	.018	.104	.057	.017		
5.0	.123	.063	.018	.120	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016		
6.0	.117	.059	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016	.098	.052	.015		
7.0	.112	.056	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.095	.050	.015		
8.0	.108	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	.093	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013		
10.0	.099	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.087	.044	.013		

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	.149	.147	.138	.129	.101	.095	.089	.058	.055	.052	.019	.018	.017	
2.0	.155	.135	.119	.133	.117	.103	.091	.081	.071	.053	.047	.042	.017	.015	.014	
3.0	.142	.116	.096	.121	.100	.083	.083	.070	.058	.048	.041	.034	.015	.013	.011	
4.0	.130	.101	.079	.112	.087	.069	.077	.061	.048	.044	.036	.029	.014	.012	.009	
5.0	.121	.089	.066	.104	.077	.057	.071	.054	.041	.041	.032	.024	.013	.010	.008	
6.0	.113	.080	.056	.097	.069	.049	.067	.048	.034	.039	.028	.020	.012	.009	.007	
7.0	.106	.072	.048	.091	.062	.042	.063	.044	.030	.036	.026	.018	.012	.008	.006	
8.0	.100	.065	.042	.086	.057	.036	.059	.040	.026	.035	.023	.015	.011	.008	.005	
9.0	.094	.060	.036	.081	.052	.032	.056	.036	.023	.033	.022	.013	.011	.007	.004	
10.0	.090	.055	.032	.077	.048	.028	.054	.034	.020	.031	.020	.012	.010	.007	.004	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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:

Uncorrected UGR Table

NAME: Fold06-3000k-RA90-48D						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	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	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	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise					Viewed endwise				
x = 2H y = 2H	-0.9	-0.1	-0.7	0.0	0.2	0.9	1.7	1.1	1.8	2.0	0.9	1.7	1.1	1.8	2.0
3H	-1.1	-0.4	-0.8	-0.2	0.0	0.7	1.4	1.0	1.6	1.8	0.7	1.4	1.0	1.6	1.8
4H	-1.2	-0.5	-0.9	-0.3	-0.0	0.6	1.3	0.9	1.5	1.8	0.6	1.3	0.9	1.5	1.8
6H	-1.2	-0.6	-1.0	-0.4	-0.1	0.5	1.2	0.8	1.4	1.7	0.5	1.2	0.8	1.4	1.7
8H	-1.3	-0.7	-1.0	-0.4	-0.2	0.5	1.1	0.8	1.4	1.6	0.5	1.1	0.8	1.4	1.6
12H	-1.3	-0.7	-1.0	-0.5	-0.2	0.5	1.0	0.8	1.3	1.6	0.5	1.0	0.8	1.3	1.6
4H 2H	-1.2	-0.5	-0.9	-0.3	-0.0	0.6	1.3	0.9	1.5	1.8	0.6	1.3	0.9	1.5	1.8
3H	-1.3	-0.7	-1.0	-0.5	-0.2	0.5	1.0	0.8	1.3	1.6	0.5	1.0	0.8	1.3	1.6
4H	-1.4	-0.9	-1.1	-0.6	-0.3	0.4	0.9	0.7	1.2	1.5	0.4	0.9	0.7	1.2	1.5
6H	-1.5	-1.1	-1.2	-0.7	-0.4	0.3	0.7	0.6	1.1	1.4	0.3	0.7	0.6	1.1	1.4
8H	-1.6	-1.1	-1.2	-0.8	-0.4	0.2	0.6	0.6	1.0	1.4	0.2	0.6	0.6	1.0	1.4
12H	-1.6	-1.2	-1.2	-0.9	-0.5	0.2	0.6	0.6	0.9	1.3	0.2	0.6	0.6	0.9	1.3
8H 4H	-1.6	-1.1	-1.2	-0.8	-0.4	0.2	0.6	0.6	1.0	1.4	0.2	0.6	0.6	1.0	1.4
6H	-1.7	-1.3	-1.3	-0.9	-0.5	0.1	0.5	0.5	0.9	1.3	0.1	0.5	0.5	0.9	1.3
8H	-1.8	-1.4	-1.3	-1.0	-0.6	0.0	0.4	0.5	0.8	1.2	0.0	0.4	0.5	0.8	1.2
12H	-1.8	-1.5	-1.3	-1.1	-0.6	-0.0	0.3	0.4	0.7	1.2	-0.0	0.3	0.4	0.7	1.2
12H 4H	-1.6	-1.2	-1.2	-0.9	-0.5	0.2	0.6	0.6	0.9	1.3	0.2	0.6	0.6	0.9	1.3
6H	-1.8	-1.4	-1.3	-1.0	-0.6	0.0	0.4	0.5	0.8	1.2	0.0	0.4	0.5	0.8	1.2
8H	-1.8	-1.5	-1.3	-1.1	-0.6	-0.0	0.3	0.4	0.7	1.2	-0.0	0.3	0.4	0.7	1.2
Variations with the observer position at spacings:															
S = 1.0H	+ 3.3 / - 1.\$					+ 3.9 / - 1.\$									
1.5H	+ 6.1 / -56.7					+ 6.6 / -40.0									
2.0H	+ 8.9 / - 1.\$					+ 9.4 / - 1.\$									

CIE Pub.117 Corrected 642.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

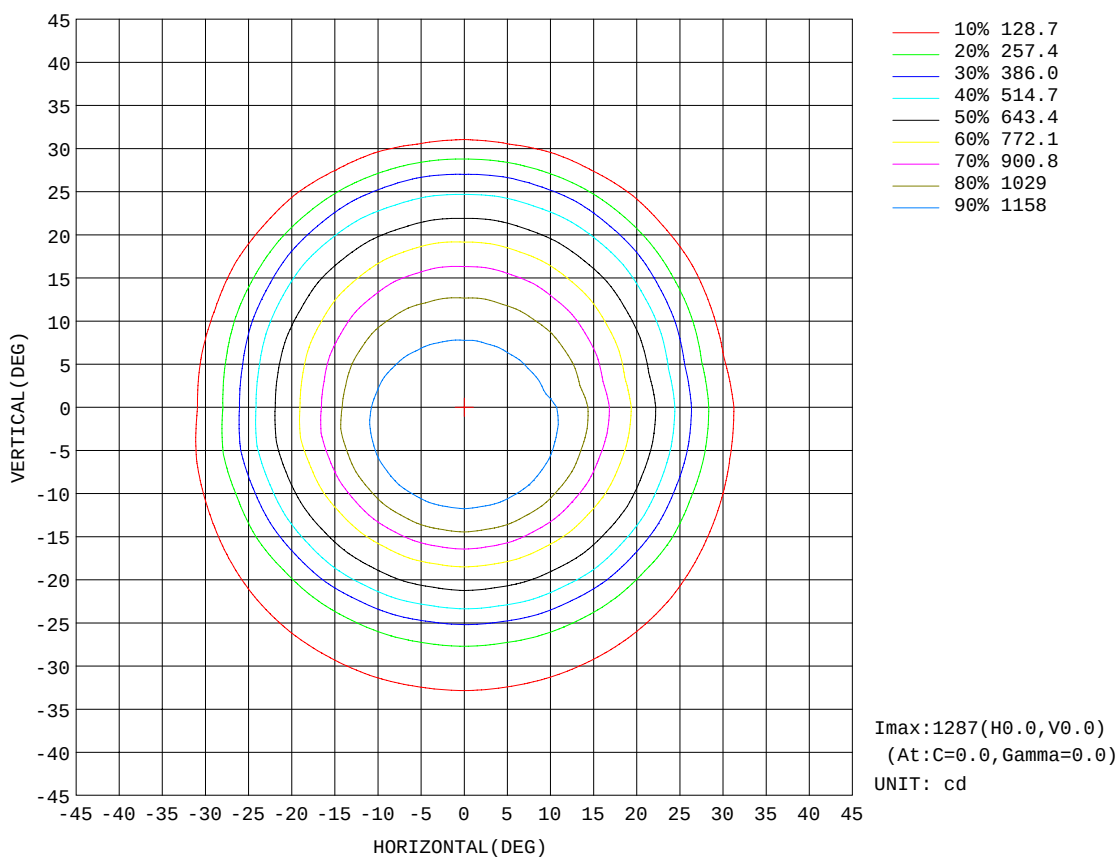
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	89	84	81	78
0.80	98	92	89	97	92	89	96	92	89	85
1.00	102	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	107	103	100	106	103	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	106	104	102	96
3.00	113	109	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	113	112	110	109	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: 2022-04-07

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-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

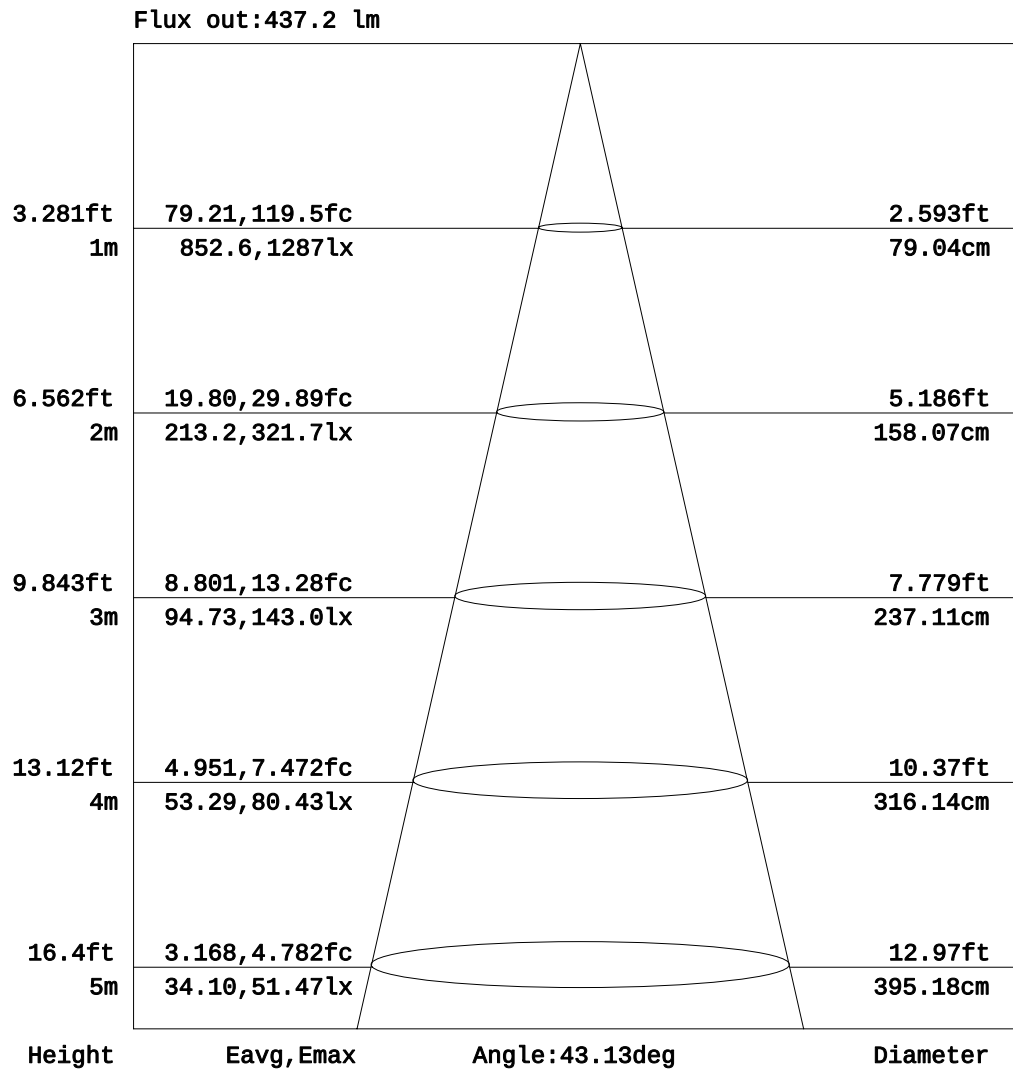


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



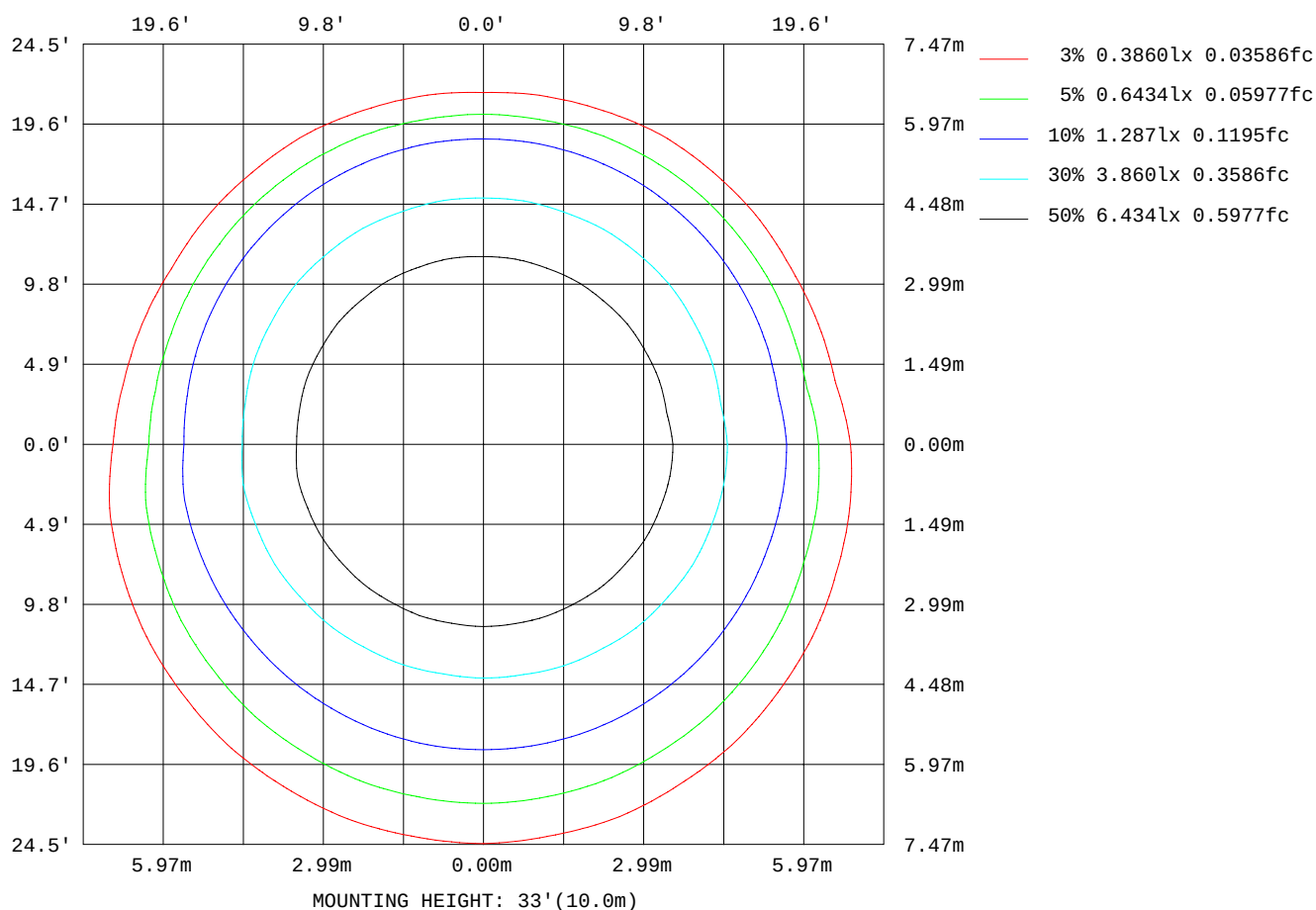
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-07

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-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
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Test Date: 2022-04-07

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-RA90-48D	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	642.829	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	1	0	1	0	1	0	1	0	1	0	1	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	1	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:2022-04-07

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-RA90-48D	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	642.829	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 deg	C plane(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	1	0	1	0	1	0	1	0	1	0	1	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	1	1000	1500	200	500
65 to 90	0	1000	1500	200	500

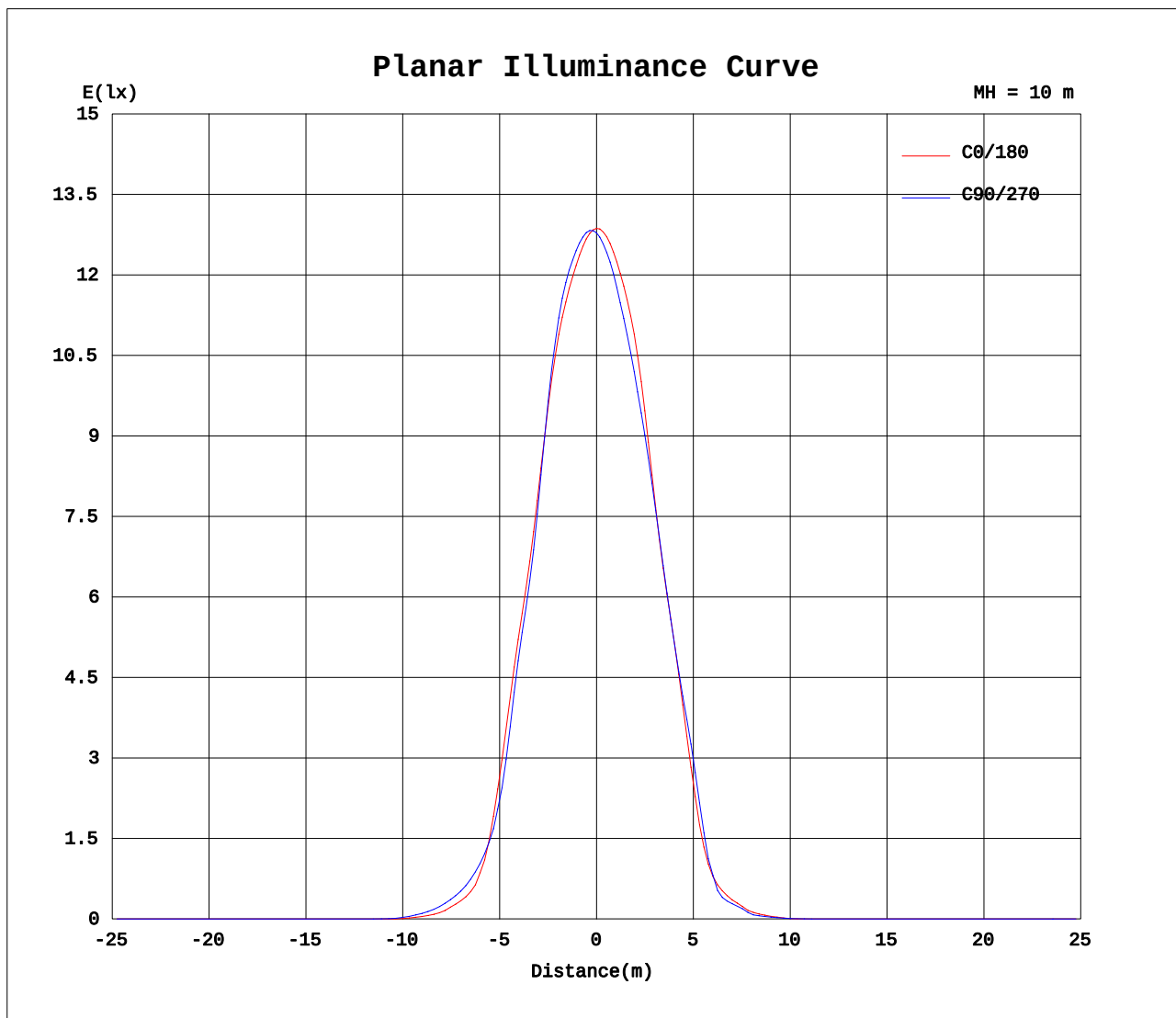
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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:2022-04-07

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: 2022-04-07

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-RA90-48D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1287	1286	1285	1284	1283	1282	1281	1280	1280	1279	1278	1278	1278	1277	1277	1277	1277	1276	1287
5	1251	1255	1258	1263	1265	1268	1270	1273	1274	1274	1274	1273	1271	1269	1266	1264	1260	1257	1257
10	1174	1183	1187	1195	1199	1204	1206	1209	1209	1211	1209	1210	1206	1205	1199	1196	1189	1185	1177
15	998	1002	997	1003	998	1002	995	999	992	997	994	1001	998	1006	1002	1007	1003	1006	986
20	743	741	735	733	722	719	708	705	698	699	696	702	702	711	715	725	729	740	729
25	477	475	461	458	443	437	419	412	399	399	396	408	412	430	437	455	460	476	457
30	169	171	172	176	181	184	186	187	187	188	188	187	185	183	181	178	176	176	158
35	62.0	66.4	70.0	75.9	80.1	85.2	88.5	92.3	93.2	95.0	94.4	94.3	91.8	90.1	86.1	83.0	78.2	73.9	65.3
40	19.8	22.2	25.2	31.1	34.1	37.1	38.9	41.4	40.2	40.3	40.5	42.7	42.7	41.4	38.6	36.1	29.3	25.5	21.2
45	3.04	3.63	4.60	6.49	9.18	11.3	11.3	10.9	9.04	8.80	8.69	10.7	12.8	14.0	12.4	8.56	5.73	4.43	2.96
50	0.14	0.10	0.17	0.24	0.49	0.76	0.47	0.27	0.26	0.24	0.30	0.32	0.47	0.94	0.74	0.42	0.18	0.11	0.07
55	0.00	0.00	0.00	0.00	0.04	0.01	0.06	0.00	0.03	0.00	0.05	0.00	0.07	0.02	0.05	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	0.01
135	0.09	0.13	0.08	0.13	0.09	0.14	0.09	0.14	0.09	0.14	0.09	0.13	0.08	0.13	0.08	0.12	0.08	0.11	0.16
140	0.35	0.39	0.36	0.40	0.36	0.41	0.37	0.41	0.36	0.40	0.36	0.41	0.35	0.39	0.34	0.38	0.34	0.37	0.42
145	0.71	0.76	0.72	0.77	0.73	0.77	0.73	0.77	0.73	0.77	0.73	0.76	0.72	0.75	0.70	0.74	0.69	0.73	0.77
150	1.16	1.20	1.16	1.20	1.16	1.20	1.16	1.20	1.16	1.20	1.16	1.19	1.15	1.18	1.14	1.17	1.13	1.17	1.20
155	1.62	1.67	1.63	1.66	1.63	1.67	1.62	1.66	1.62	1.67	1.62	1.66	1.61	1.64	1.59	1.62	1.58	1.61	1.66
160	2.06	2.11	2.07	2.11	2.08	2.11	2.07	2.11	2.08	2.12	2.08	2.11	2.06	2.09	2.05	2.07	2.03	2.06	2.09
165	2.51	2.55	2.51	2.57	2.52	2.57	2.54	2.57	2.54	2.58	2.53	2.56	2.51	2.54	2.49	2.53	2.47	2.51	2.54
170	2.94	3.01	2.96	3.03	2.97	3.02	2.97	3.02	2.98	3.02	2.97	3.01	2.95	2.98	2.93	2.97	2.91	2.95	2.99
175	3.31	3.37	3.32	3.37	3.31	3.37	3.32	3.36	3.31	3.36	3.31	3.35	3.29	3.33	3.27	3.32	3.27	3.33	3.37
180	3.50	3.51	3.48	3.49	3.46	3.47	3.45	3.46	3.45	3.45	3.45	3.46	3.44	3.44	3.44	3.45	3.45	3.46	3.51

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-07

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-RA90-48D	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 (°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1286	1285	1284	1283	1282	1281	1280	1280	1279	1278	1278	1278	1277	1277	1277	1277	1276		
5	1250	1245	1238	1233	1226	1223	1219	1218	1216	1217	1215	1218	1218	1221	1223	1228	1231		
10	1165	1157	1145	1137	1126	1120	1111	1109	1105	1107	1106	1111	1114	1124	1130	1141	1148		
15	981	984	978	978	970	968	960	959	953	956	953	958	957	964	965	972	969		
20	730	737	736	742	739	742	737	739	731	733	728	732	727	732	726	729	722		
25	462	478	484	499	499	505	499	503	500	502	495	498	493	491	476	470	453		
30	158	162	166	171	172	175	175	176	173	174	171	171	165	162	156	154	150		
35	60.8	58.1	54.8	54.6	54.4	55.0	54.6	52.8	51.8	52.9	55.2	56.3	55.5	53.6	52.1	52.8	53.8		
40	19.9	19.7	18.4	18.2	16.8	16.3	14.9	13.9	13.4	13.8	15.2	16.4	16.8	17.3	17.2	17.4	17.1		
45	3.11	4.23	4.49	5.17	5.34	4.75	3.85	3.46	3.10	3.38	3.61	4.61	5.23	5.25	4.22	3.59	2.52		
50	0.12	0.08	0.26	0.31	0.38	0.29	0.29	0.13	0.18	0.12	0.25	0.30	0.47	0.39	0.22	0.10	0.13		
55	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.00	0.01	0.00	0.02	0.00	0.05	0.00	0.01	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	0.01	0.00	0.01	0.00	0.02	0.00	0.03	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00		
135	0.12	0.16	0.12	0.17	0.13	0.17	0.13	0.18	0.13	0.17	0.13	0.18	0.13	0.18	0.13	0.17	0.13		
140	0.38	0.41	0.37	0.41	0.37	0.42	0.37	0.42	0.38	0.42	0.37	0.42	0.37	0.42	0.37	0.43	0.39		
145	0.73	0.77	0.73	0.77	0.72	0.77	0.72	0.76	0.72	0.76	0.72	0.76	0.72	0.77	0.73	0.77	0.74		
150	1.16	1.20	1.15	1.19	1.15	1.19	1.15	1.19	1.15	1.19	1.15	1.18	1.15	1.19	1.16	1.20	1.17		
155	1.61	1.65	1.61	1.64	1.61	1.65	1.62	1.66	1.62	1.65	1.61	1.66	1.62	1.65	1.62	1.66	1.63		
160	2.03	2.08	2.03	2.08	2.04	2.09	2.07	2.10	2.07	2.11	2.06	2.12	2.06	2.10	2.06	2.11	2.07		
165	2.48	2.50	2.46	2.51	2.47	2.51	2.48	2.52	2.49	2.53	2.49	2.53	2.49	2.53	2.50	2.54	2.51		
170	2.93	2.95	2.89	2.92	2.89	2.93	2.88	2.93	2.89	2.93	2.89	2.93	2.89	2.95	2.91	2.96	2.93		
175	3.30	3.33	3.26	3.30	3.25	3.29	3.24	3.29	3.24	3.28	3.23	3.28	3.24	3.29	3.26	3.32	3.29		
180	3.50	3.50	3.47	3.47	3.46	3.46	3.45	3.45	3.44	3.45	3.44	3.45	3.44	3.45	3.44	3.45	3.46		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-07

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: