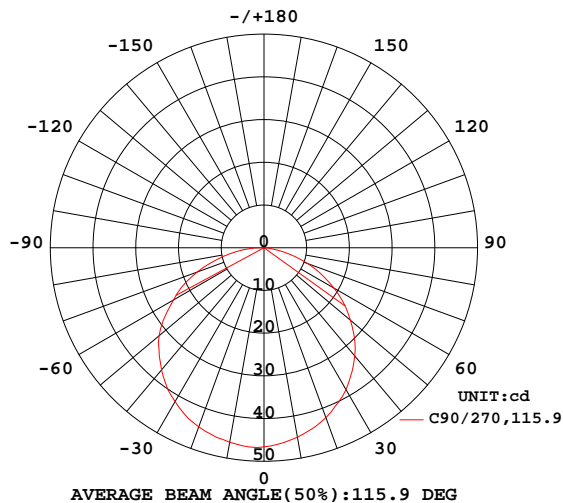


LUMINAIRE PHOTOMETRIC TEST REPORT

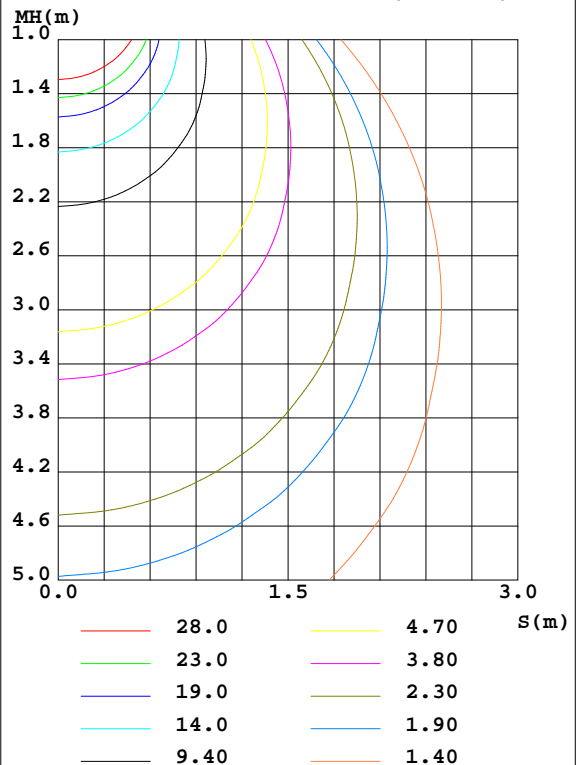
NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-LM TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.83 lm/W			
MODEL	2835	I _{max} (cd)	46.78	S/MH(C0/180)	1.15
NOMINAL POWER(W)	1.8	LOR(%)	99.3	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	127.95	η UP,DN(C0-180)	0.0,46.4
NOMINAL FLUX(lm)	128.84	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	12	η down(%)	99.3	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:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [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	45.10	45.02	45.03	45.14	45.42	46.38	46.23	45.87	0- 10	4.394	4.394	3.43,3.41
20	41.12	42.09	42.35	42.32	41.84	43.97	44.63	43.13	10- 20	12.50	16.89	13.2,13.1
30	34.92	38.12	38.36	38.10	35.80	40.07	41.59	39.38	20- 30	18.79	35.69	27.9,27.7
40	27.45	32.69	33.05	32.89	28.44	35.37	37.32	34.80	30- 40	22.47	58.16	45.5,45.1
50	20.37	25.97	26.45	26.27	21.08	29.28	32.04	29.01	40- 50	23.15	81.31	63.5,63.1
60	13.77	18.48	18.90	18.54	13.96	22.24	24.47	22.18	50- 60	20.74	102.1	79.8,79.2
70	7.722	10.40	10.95	10.45	7.456	14.14	16.67	14.18	60- 70	15.47	117.5	91.8,91.2
80	2.394	2.953	3.088	3.018	2.309	6.275	8.076	6.254	70- 80	8.413	125.9	98.4,97.7
90	0	0.0050	0.0522	0.0134	0	0.3612	1.027	0.3179	80- 90	1.983	127.9	100,99.3
100	0	0	0.0050	0.0000	0	0	0	0	90-100	0.0316	127.9	100,99.3
110	0	0	0	0	0	0	0	0	100-110	0.0000	127.9	100,99.3
120	0	0	0	0	0	0	0	0	110-120	0	127.9	100,99.3
130	0	0	0	0	0	0	0	0	120-130	0	127.9	100,99.3
140	0	0	0.0000	0.0024	0	0	0	0	130-140	0.0001	127.9	100,99.3
150	0.0024	0.0000	0.0050	0.0036	0	0.0012	0.0025	0.0012	140-150	0.0003	128.0	100,99.3
160	0.0000	0.0000	0.0050	0.0000	0.0048	0.0123	0.0050	0.0036	150-160	0.0010	128.0	100,99.3
170	0.0001	0	0.0075	0.0073	0.0048	0.0025	0.0099	0.0000	160-170	0.0011	128.0	100,99.3
180	0	0.0025	0	0.0085	0	0.0086	0.0124	0.0012	170-180	0.0003	128.0	100,99.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 72.167 lm

%lum = 56.4%

%lamp = 56.0%

Conical surface Flux(120deg): 102.05 lm

%lum = 79.8%

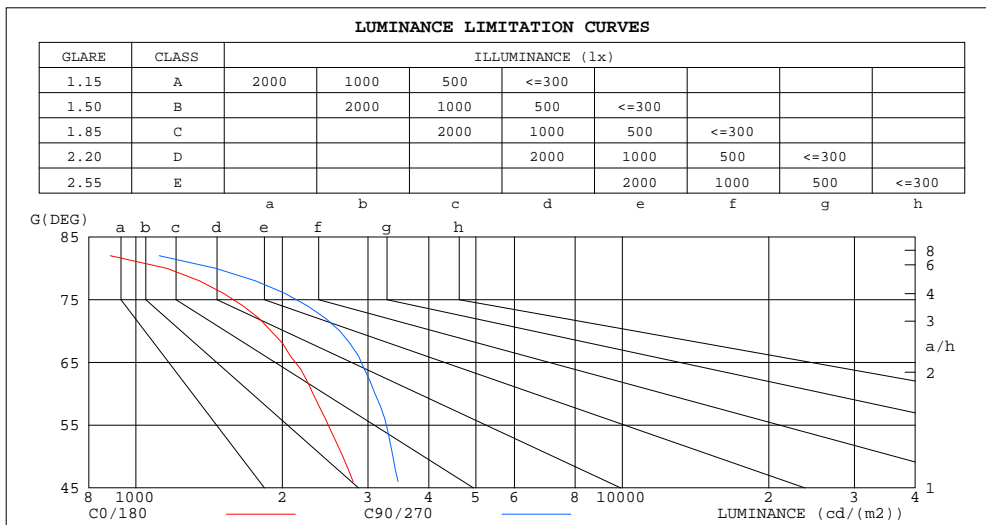
%lamp = 79.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Dillon
 Test Date:15 July 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	649	873
80	1158	1459
75	1769	2401
70	1897	2627
65	2261	3057
60	2314	3103
55	2584	3378
50	2663	3377
45	2916	3560

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Dillon
Test Date: 15 July 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-LM TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	DIM.: 6*12mm
MFR.: CLEAR	SUR.: 12*1000mm
	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.96	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.86	.83
2.0	.90	.84	.78	.88	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.69	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.55	.66	.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	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.50	.42	.36	.49	.41	.36	.47	.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	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

LAMPS		LUMINAIRE BUDGETARY DIAGRAM																			
50	CONDITIONS																				
40	FLUX		128lm																		
30	FACTOR		0.70																		
	Hdown		0.00m																		
	Hwork		0.80m																		
20	Ework(AVE)		100lx																		
	ρ (%)		cc	w	fc																
	_____		70	50	30																
	_____		50	30	20																
10																					
9																					
8																					
7																					
6																					
5																					
4																					
3																					
2																					
	10	20	30	40	50	70	100	200	300	500	700	1k	2k	3k	4k	5k	7k				
	AREA(m2)																				

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.301	.171	.054	.294	.168	.053	.281	.161	.051	.269	.155	.050	.258	.149	.048		
2.0	.285	.156	.048	.279	.154	.047	.267	.149	.046	.257	.144	.045	.247	.140	.044		
3.0	.265	.141	.042	.259	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040		
4.0	.245	.127	.037	.240	.126	.037	.231	.123	.037	.223	.120	.036	.215	.117	.036		
5.0	.227	.116	.033	.223	.114	.033	.214	.112	.033	.207	.109	.032	.200	.107	.032		
6.0	.211	.106	.030	.207	.104	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029		
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.175	.091	.027		
8.0	.183	.090	.025	.180	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025		
9.0	.172	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.155	.079	.023		
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.073	.021		

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.189	.189	.189	.162	.162	.162	.110	.110	.110	.063	.063	.063	.020	.020	.020		
1.0	.179	.155	.134	.153	.133	.115	.105	.092	.080	.060	.053	.046	.019	.017	.015		
2.0	.171	.131	.098	.146	.113	.085	.100	.078	.059	.058	.045	.035	.019	.015	.011		
3.0	.163	.114	.074	.140	.098	.065	.096	.068	.045	.055	.040	.027	.018	.013	.009		
4.0	.155	.100	.058	.133	.087	.051	.092	.060	.036	.053	.035	.021	.017	.012	.007		
5.0	.148	.090	.047	.127	.078	.041	.088	.054	.029	.051	.032	.017	.016	.010	.006		
6.0	.141	.082	.039	.121	.071	.034	.084	.050	.024	.048	.029	.014	.016	.010	.005		
7.0	.134	.075	.033	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004		
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004		
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003		
10.0	.116	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-LM TYPE: /					WEIGHT: 0.096kg/m									
SPEC.:					DIM.: 6*12mm					SERIAL No.:				
MFR.: CLEAR					SUR.: 12*1000mm					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		23.1	24.6	23.4	24.8	25.0	24.0	25.5	24.2	25.7	25.9			
3H		24.2	25.6	24.5	25.8	26.1	25.3	26.7	25.6	26.9	27.2			
4H		24.6	25.9	24.9	26.1	26.4	25.7	27.0	26.0	27.3	27.6			
6H		24.7	26.0	25.0	26.2	26.5	25.9	27.1	26.2	27.4	27.7			
8H		24.7	25.9	25.1	26.2	26.5	25.9	27.1	26.2	27.4	27.7			
12H		24.7	25.8	25.0	26.1	26.4	25.9	27.0	26.2	27.3	27.6			
4H 2H		23.8	25.2	24.2	25.4	25.7	24.5	25.8	24.8	26.1	26.3			
3H		25.1	26.3	25.5	26.6	26.9	26.0	27.1	26.3	27.4	27.7			
4H		25.6	26.6	25.9	26.9	27.3	26.5	27.6	26.9	27.9	28.2			
6H		25.8	26.7	26.2	27.1	27.4	26.8	27.7	27.2	28.1	28.4			
8H		25.8	26.7	26.2	27.0	27.4	26.8	27.7	27.2	28.0	28.4			
12H		25.8	26.6	26.2	27.0	27.4	26.8	27.6	27.2	28.0	28.4			
8H 4H		25.8	26.7	26.2	27.0	27.4	26.6	27.5	27.1	27.9	28.3			
6H		26.1	26.8	26.5	27.2	27.7	27.0	27.7	27.4	28.1	28.5			
8H		26.1	26.8	26.6	27.2	27.7	27.0	27.7	27.5	28.1	28.6			
12H		26.1	26.7	26.6	27.1	27.6	27.0	27.6	27.5	28.0	28.5			
12H 4H		25.8	26.6	26.2	27.0	27.4	26.6	27.4	27.0	27.8	28.2			
6H		26.1	26.7	26.6	27.2	27.6	27.0	27.6	27.4	28.0	28.5			
8H		26.2	26.7	26.6	27.2	27.6	27.0	27.6	27.5	28.0	28.5			
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H		+ 0.3 / - 0.4					+ 0.2 / - 0.2							
1.5H		+ 0.4 / - 0.6					+ 0.2 / - 0.4							
2.0H		+ 0.3 / - 0.9					+ 0.3 / - 0.3							

CIE Pub.117, 128.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.1)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	DIM.: 6*12mm
MFR.: CLEAR	SUR.: 12*1000mm
	Shielding Angle: /

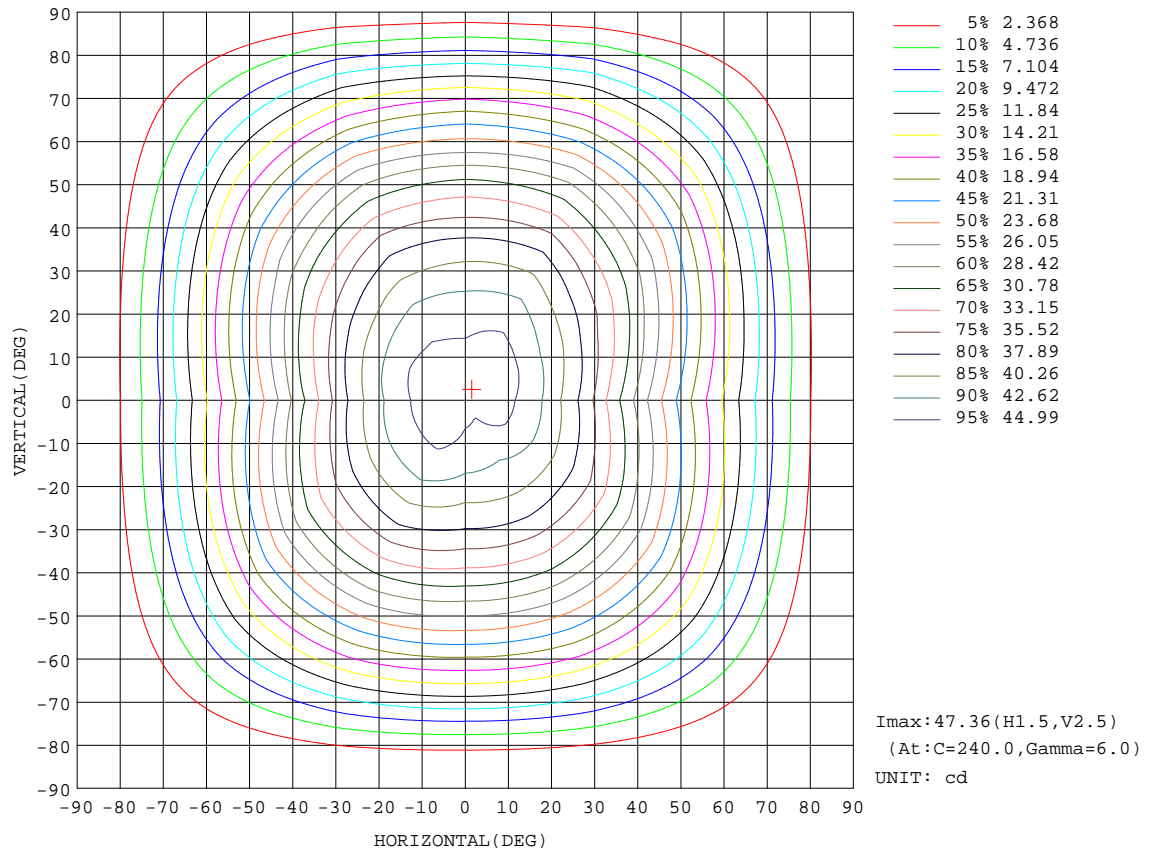
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	86	80	93	85	79	89	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	100	96	103	98	94	99	95	92	83
5.00	108	103	100	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHR _{NOM} = 1.25										

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /
DIM.: 6*12mm	
SUR.: 12*1000mm	



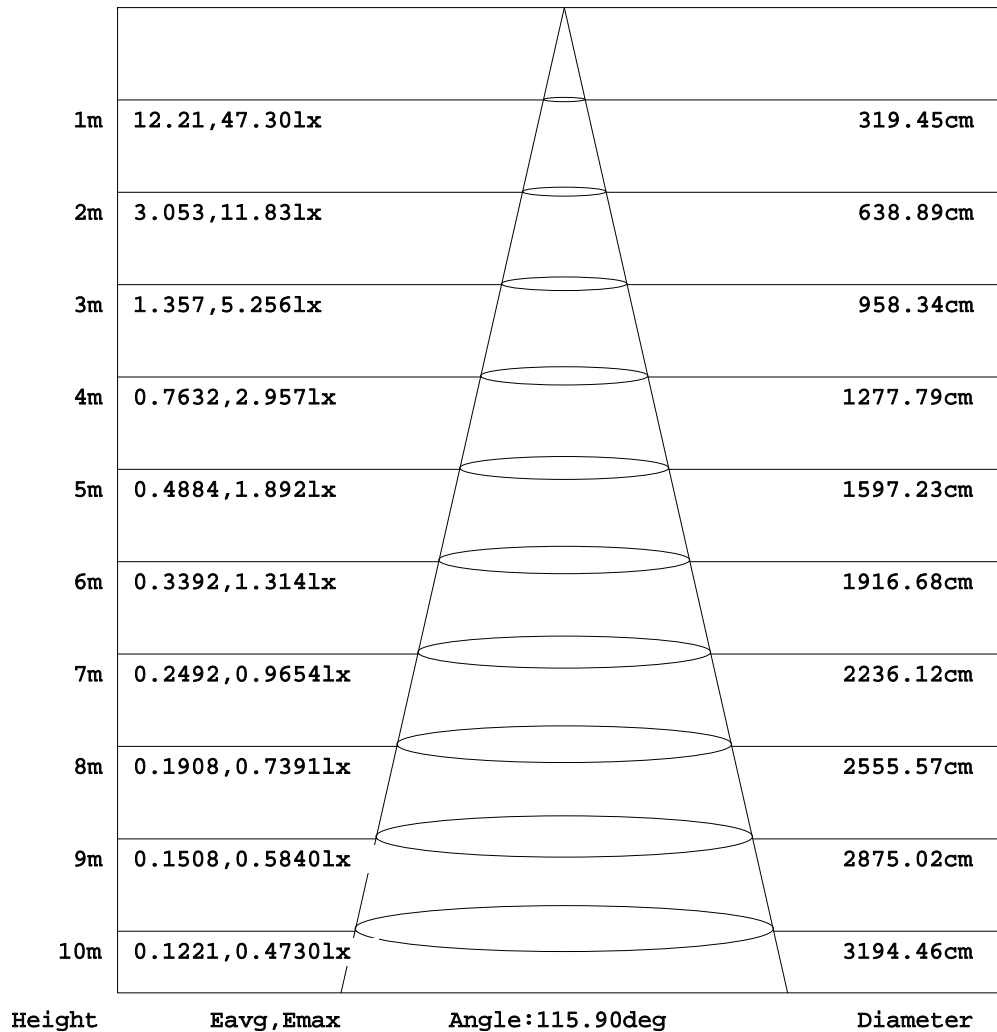
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Dillon
Test Date: 15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

AAI Figure

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /

Flux out:98.25 lm



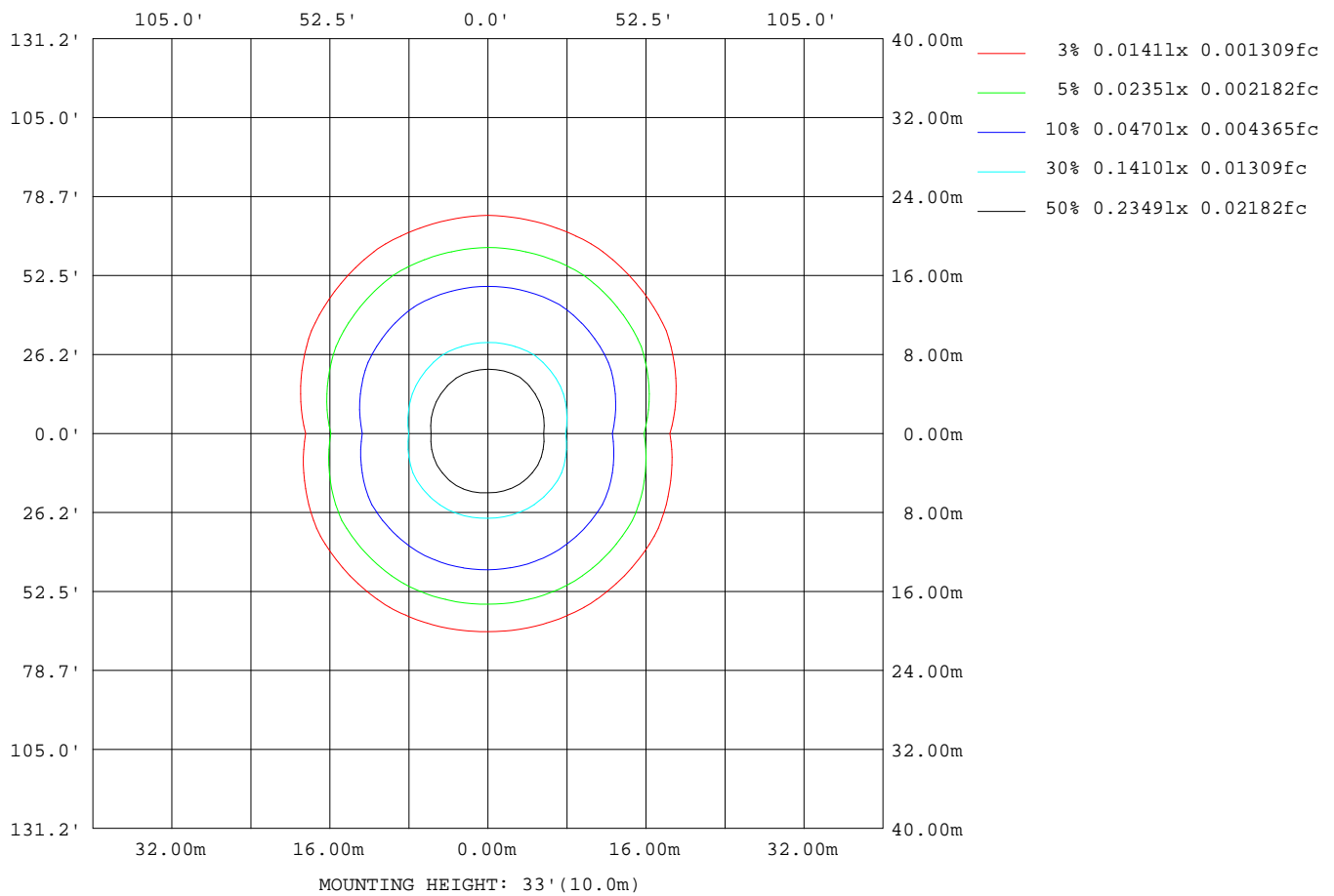
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /
DIM.: 6*12mm	
SUR.: 12*1000mm	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Dillon
Test Date: 15 July 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-1M TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	SERIAL No.:
MFR.: CLEAR	Shielding Angle: /

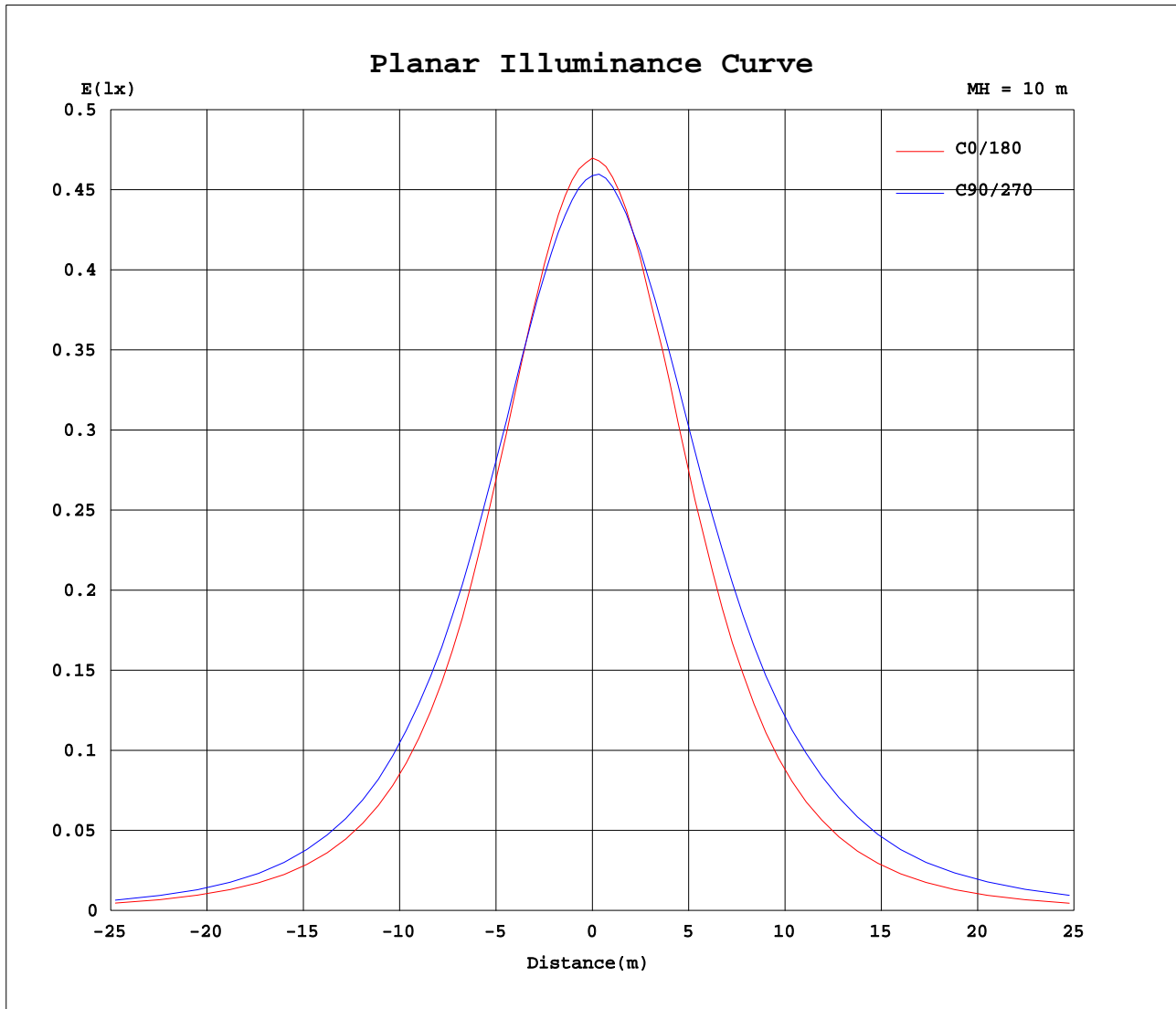
AvgL	cd/m2
L_0~180(65)av	2101
L_0~180(75)av	1539
L_0~180(85)av	372
L_90~270(65)av	3538
L_90~270(75)av	3051
L_90~270(85)av	2274
L_45(65)av	3270
L_45(75)av	2732
L_45(85)av	1566

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Dillon
Test Date:15 July 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Dillon
 Test Date: 15 July 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-FR-F17B-VB-AC12V-30K-WT-30-80-1.8W-100-	LM TYPE: /	WEIGHT: 0.096kg/m
SPEC.:	DIM.: 6*12mm	SERIAL No.:
MFR.: CLEAR	SUR.: 12*1000mm	Shielding Angle: /

Table--1

UNIT: cd

C(DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (DEC)																		
0	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6						
5	46.2	46.3	46.0	46.1	46.2	46.3	46.4	46.4	46.7	46.8	46.7	46.6						
10	45.1	45.1	44.9	45.0	45.1	45.2	45.4	46.2	46.5	46.2	46.0	45.8						
15	43.8	43.9	44.0	44.1	44.1	44.1	44.2	45.1	46.0	45.8	45.2	44.6						
20	41.1	41.8	42.4	42.3	42.4	42.2	41.8	43.0	45.0	44.6	43.9	42.3						
25	38.8	40.2	41.2	40.8	41.1	40.5	39.6	41.3	43.8	43.7	42.8	40.7						
30	34.9	37.4	38.8	38.4	38.4	37.8	35.8	38.4	41.8	41.6	40.8	37.9						
35	31.8	35.5	36.8	36.3	36.6	35.8	32.8	36.5	40.2	40.2	39.3	36.0						
40	27.4	32.0	33.4	33.1	33.1	32.6	28.4	33.3	37.5	37.3	36.6	33.0						
45	24.5	29.3	30.9	30.7	30.6	30.1	25.4	30.9	35.3	35.3	34.4	30.7						
50	20.4	25.2	26.7	26.4	26.6	26.0	21.1	27.1	31.5	32.0	30.8	27.2						
55	17.6	22.4	23.7	23.6	23.6	22.9	18.1	24.6	28.9	29.2	28.3	24.6						
60	13.8	17.8	19.2	18.9	18.9	18.2	14.0	20.2	24.3	24.5	23.8	20.5						
65	11.4	14.6	15.9	15.7	15.7	14.7	11.3	17.1	21.0	21.7	20.5	17.5						
70	7.72	9.92	10.9	10.9	10.8	10.1	7.46	12.5	15.9	16.7	15.5	12.8						
75	5.45	6.85	7.67	7.57	7.58	6.96	5.19	9.27	12.6	13.1	12.4	9.56						
80	2.39	2.76	3.14	3.09	3.16	2.88	2.31	4.91	7.67	8.08	7.47	5.03						
85	0.67	0.71	0.91	0.93	0.99	0.79	0.77	2.42	4.45	4.99	4.29	2.45						
90	0.00	0.00	0.01	0.05	0.03	0.00	0.00	0.04	0.69	1.03	0.62	0.02						
95	0.00	0.00	0.00	0.03	0.03	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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01						
165	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00						
175	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00						

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