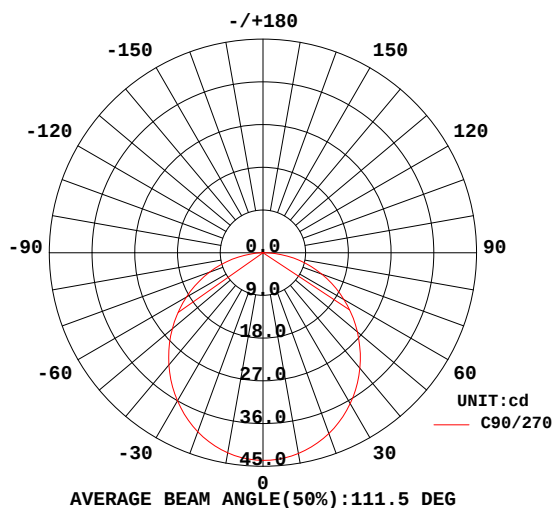


LUMINAIRE PHOTOMETRIC TEST REPORT

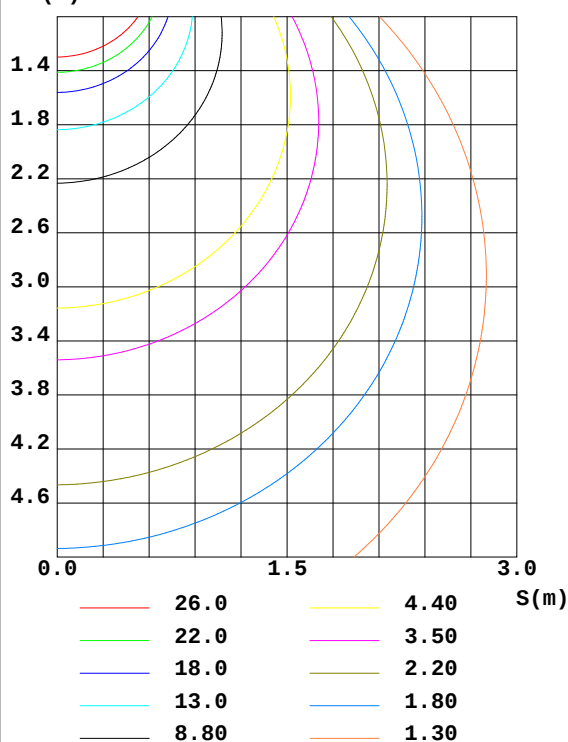
NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.:
MFR.:	SUR.:11.5*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 20.18 lm/W
MODEL	5050	Imax(cd)	43.89	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	6.39	LOR(%)	100.3	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	128.97	η UP, DN(C0-180)	0.5, 48.8	
NOMINAL FLUX(lm)	128.63	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4, 50.6	
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	99.4	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
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	42.92	42.84	42.80	43.18	43.26	43.27	42.94	42.96	0- 10	4.146	4.146	3.21, 3.22
20	40.47	40.22	40.15	40.84	41.12	41.09	40.54	40.48	10- 20	11.85	16.00	12.4, 12.4
30	36.63	36.17	36.04	37.01	37.53	37.49	36.72	36.63	20- 30	17.91	33.91	26.3, 26.4
40	31.63	31.01	30.85	32.03	32.73	32.69	31.76	31.64	30- 40	21.53	55.44	43, 43.1
50	25.79	25.06	24.94	26.18	27.02	27.01	25.97	25.79	40- 50	22.35	77.79	60.3, 60.5
60	19.42	18.70	18.60	19.85	20.66	20.72	19.69	19.42	50- 60	20.44	98.23	76.2, 76.4
70	12.74	12.05	12.03	13.23	14.01	14.14	13.21	12.76	60- 70	16.19	114.4	88.7, 89
80	5.769	5.259	5.277	6.429	7.071	7.313	6.573	5.905	70- 80	10.15	124.6	96.6, 96.8
90	0.5652	0.6266	0.3567	0.6264	0.7208	0.9665	0.5204	0.2723	80- 90	3.272	127.8	99.1, 99.4
100	0.4678	0.4643	0.1994	0.4161	0.5029	0.3971	0.0545	0.0965	90-100	0.4334	128.3	99.5, 99.7
110	0.3858	0.2554	0.0660	0.2216	0.4114	0.2974	0	0.0065	100-110	0.2694	128.5	99.7, 99.9
120	0.3006	0.1960	0	0.1366	0.3423	0.2315	0	0	110-120	0.1661	128.7	99.8, 100
130	0.2219	0.1510	0	0.1060	0.2747	0.1961	0	0.0016	120-130	0.1162	128.8	99.9, 100
140	0.1447	0.1044	0	0.0771	0.2056	0.1447	0	0.0113	130-140	0.0768	128.9	99.9, 100
150	0.0788	0.0642	0	0.0434	0.1446	0.0772	0	0.0209	140-150	0.0432	128.9	100, 100
160	0.0450	0.0337	0.0016	0.0177	0.0803	0.0258	0	0.0161	150-160	0.0191	129.0	100, 100
170	0.0193	0.0161	0.0144	0.0065	0.0193	0.0129	0.0113	0.0161	160-170	0.0058	129.0	100, 100
180	0.0161	0.0193	0.0241	0.0241	0.0161	0.0370	0.0241	0.0241	170-180	0.0017	129.0	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

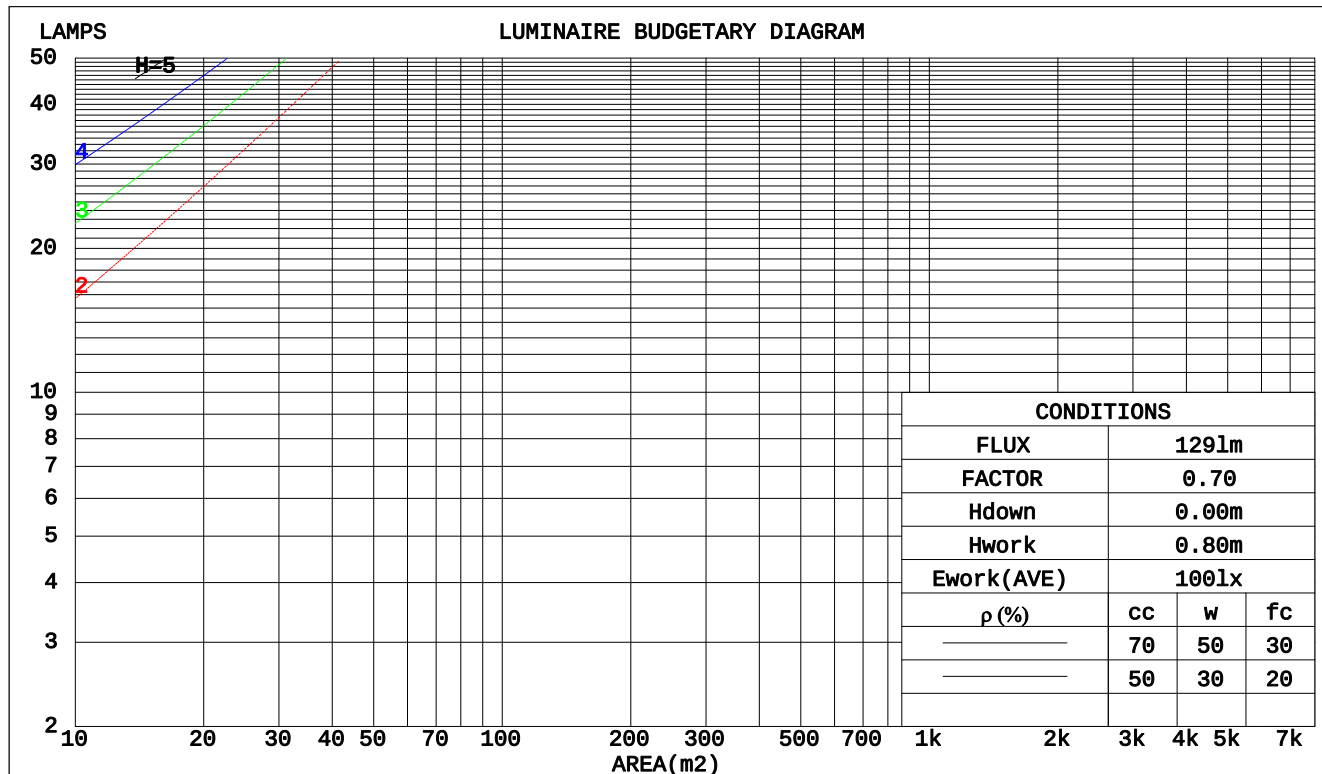
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity: 45.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 11.5*1000mm 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	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.63	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.57	.51	.61	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V1.0.257
Humidity: 45.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm 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	.323	.183	.058	.315	.180	.057	.301	.173	.055	.289	.166	.053	.277	.160	.052		
2.0	.300	.165	.050	.294	.162	.050	.281	.156	.049	.270	.152	.047	.260	.147	.046		
3.0	.276	.147	.044	.270	.145	.044	.259	.141	.043	.249	.137	.042	.240	.133	.041		
4.0	.254	.132	.039	.249	.130	.038	.239	.127	.038	.230	.123	.037	.222	.120	.037		
5.0	.234	.119	.035	.229	.118	.034	.221	.115	.034	.213	.112	.033	.205	.110	.033		
6.0	.216	.108	.031	.212	.107	.031	.205	.105	.031	.197	.103	.030	.191	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.191	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021		
1.0	.188	.163	.141	.161	.140	.121	.110	.096	.084	.063	.056	.049	.020	.018	.016		
2.0	.181	.139	.104	.155	.120	.090	.106	.083	.063	.061	.048	.037	.020	.016	.012		
3.0	.173	.121	.081	.148	.105	.070	.102	.073	.049	.059	.043	.029	.019	.014	.009		
4.0	.165	.108	.065	.142	.094	.056	.097	.065	.040	.056	.038	.023	.018	.012	.008		
5.0	.158	.098	.054	.135	.085	.047	.093	.059	.033	.054	.035	.020	.017	.011	.006		
6.0	.150	.089	.046	.129	.077	.040	.089	.054	.028	.052	.032	.017	.017	.010	.006		
7.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005		
8.0	.137	.077	.036	.118	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004		
9.0	.131	.072	.032	.113	.062	.028	.078	.044	.020	.045	.026	.012	.015	.008	.004		
10.0	.125	.068	.029	.108	.059	.026	.075	.041	.018	.044	.024	.011	.014	.008	.004		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB						WEIGHT:0.325Kg/m					
DIM.: 11.5*21mm						SPEC.:			SERIAL No.:		
MFR.:						SUR.:11.5*1000mm			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	17.0	18.5	17.3	18.7	18.9	16.8	18.3	17.1	18.5	18.8	
	3H	18.6	20.0	18.9	20.3	20.5	18.4	19.8	18.7	20.0	20.3
	4H	19.3	20.7	19.6	20.9	21.2	19.0	20.4	19.4	20.7	20.9
	6H	19.8	21.1	20.2	21.4	21.7	19.5	20.8	19.9	21.1	21.4
	8H	20.0	21.2	20.4	21.5	21.8	19.7	20.9	20.0	21.2	21.5
	12H	20.1	21.3	20.4	21.6	21.9	19.7	20.9	20.1	21.2	21.5
4H	2H	17.6	18.9	17.9	19.2	19.5	17.4	18.8	17.8	19.0	19.3
	3H	19.4	20.6	19.8	20.9	21.2	19.2	20.4	19.6	20.7	21.0
	4H	20.2	21.3	20.6	21.6	22.0	20.0	21.1	20.4	21.4	21.8
	6H	20.9	21.8	21.3	22.2	22.6	20.6	21.6	21.0	21.9	22.3
	8H	21.1	22.0	21.5	22.4	22.8	20.8	21.7	21.2	22.1	22.5
	12H	21.2	22.0	21.6	22.4	22.9	20.9	21.7	21.3	22.1	22.5
8H	4H	20.5	21.4	20.9	21.8	22.2	20.3	21.2	20.7	21.6	22.0
	6H	21.3	22.0	21.7	22.5	22.9	21.0	21.8	21.5	22.2	22.7
	8H	21.6	22.2	22.1	22.7	23.2	21.3	22.0	21.8	22.4	22.9
	12H	21.8	22.3	22.3	22.8	23.3	21.5	22.0	21.9	22.5	23.0
12H	4H	20.5	21.3	20.9	21.7	22.1	20.3	21.1	20.7	21.5	22.0
	6H	21.3	22.0	21.8	22.4	22.9	21.1	21.8	21.6	22.2	22.7
	8H	21.7	22.2	22.2	22.7	23.2	21.4	22.0	21.9	22.4	22.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 128.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K) -56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

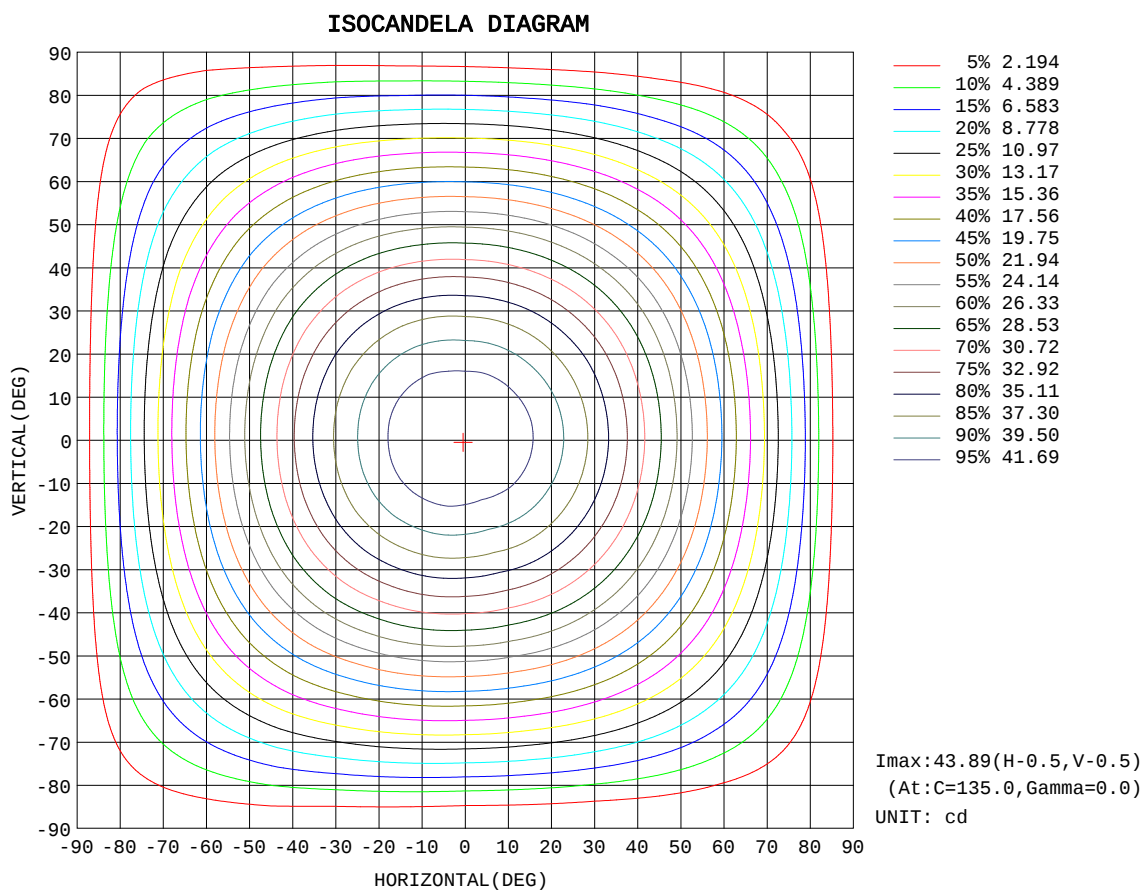
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	94	89	99	93	87	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	84
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:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.: 11.5*1000mm	

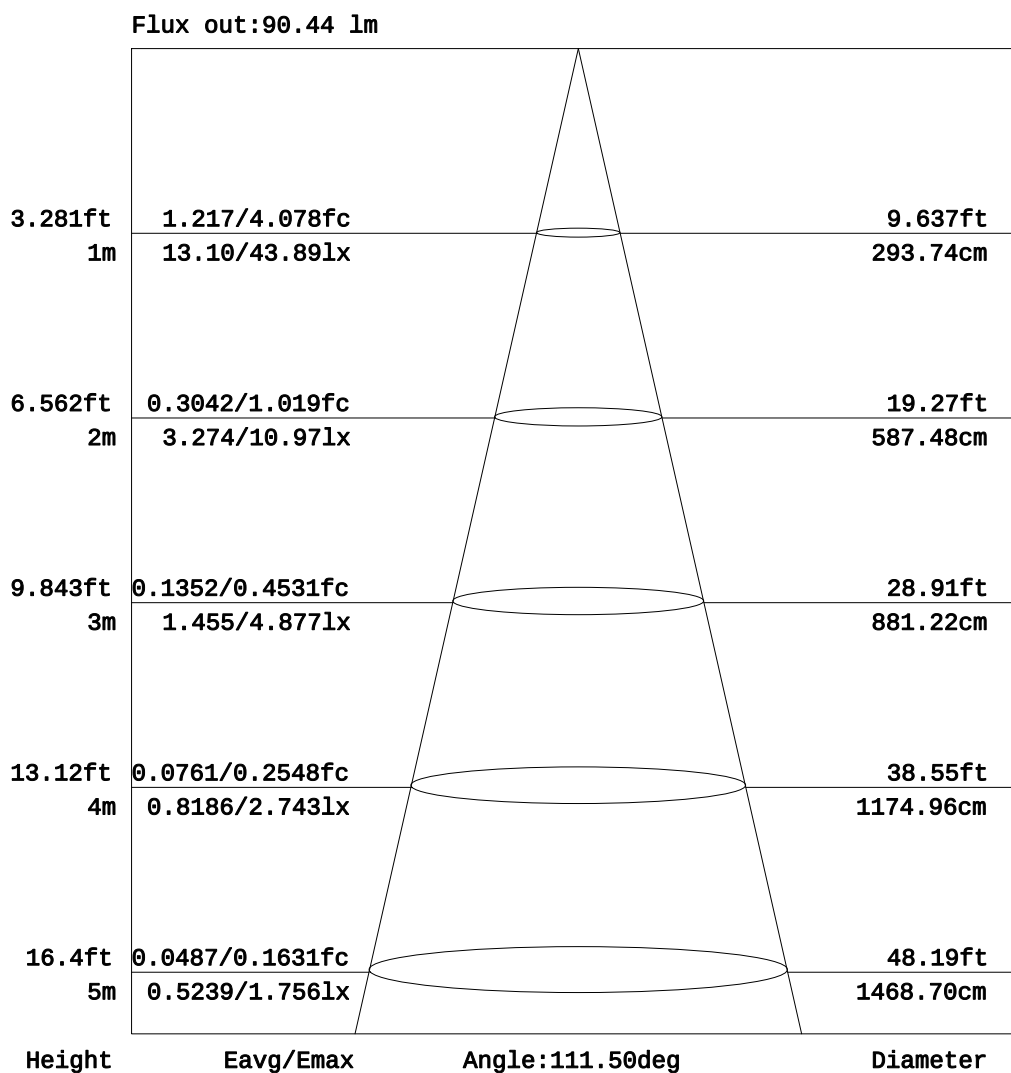


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity: 45.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

AAI Figure

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



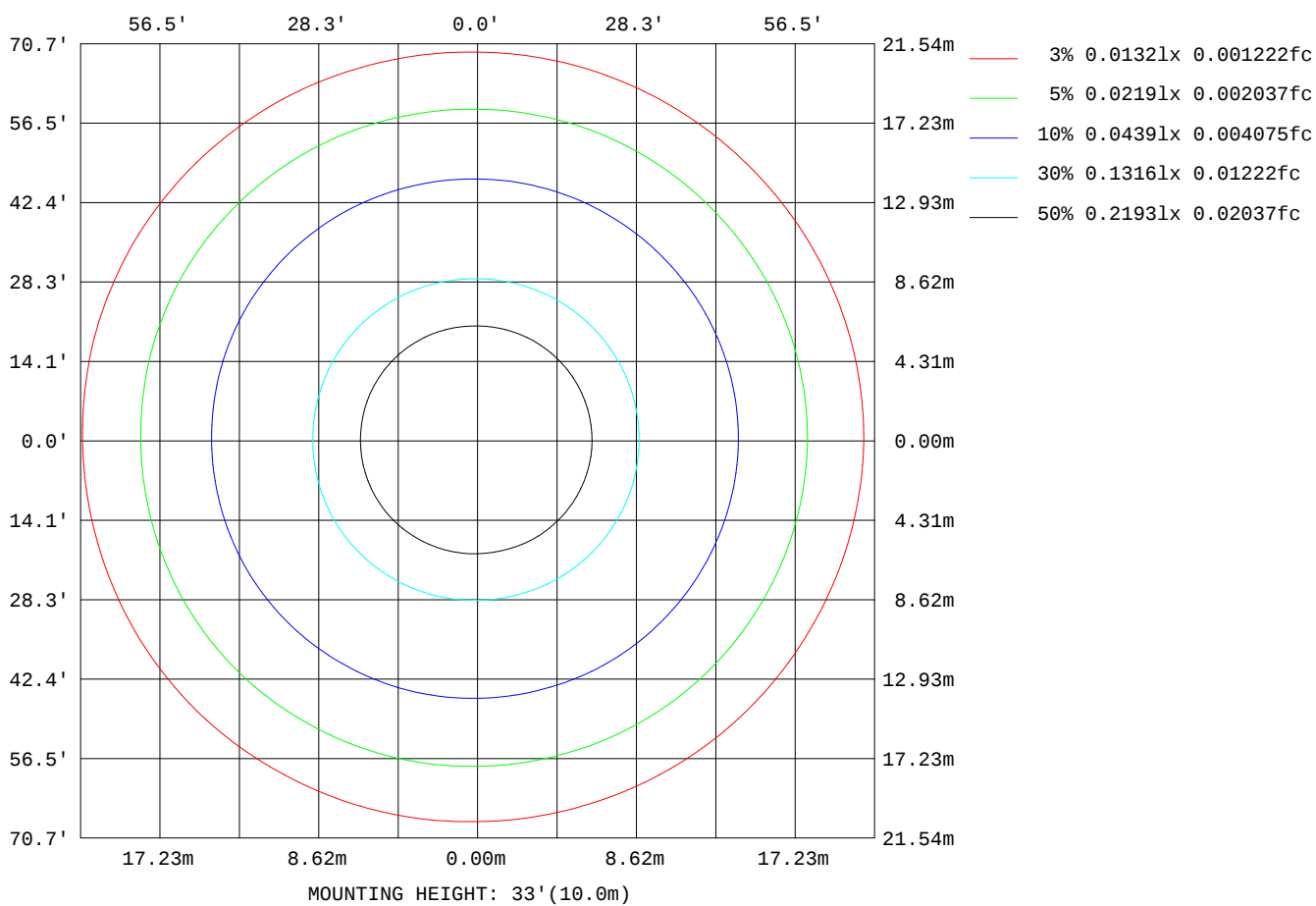
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	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	128.63	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.0115	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 deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	3435	3409	3381	3354	3332	3316	3304	3289	3288	3306	3342	3380	3418	3470	3519	3557	3582	3603	3623
60	3378	3347	3314	3282	3260	3243	3229	3215	3216	3235	3272	3315	3361	3422	3476	3518	3547	3570	3593
65	3318	3281	3240	3202	3178	3160	3145	3133	3135	3156	3201	3251	3302	3374	3437	3483	3516	3545	3576
70	3240	3193	3144	3098	3073	3055	3040	3029	3034	3059	3111	3169	3231	3320	3394	3444	3485	3522	3562
75	3121	3061	2998	2942	2918	2897	2875	2871	2880	2908	2981	3056	3133	3250	3344	3401	3448	3496	3553
80	2889	2817	2734	2657	2638	2615	2583	2592	2609	2642	2751	2856	2957	3135	3268	3334	3393	3457	3541
85	2306	2227	2109	1988	1983	1955	1900	1945	1970	1991	2173	2362	2546	2866	3086	3179	3294	3407	3551

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	3623	200	---	500
Category 2	65 to 90	3576	200	---	500
Category 3	75 to 90	3553	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: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K) -56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION 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	43.9	43.9	43.9	43.9	43.8	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.8	43.7	43.7
5	43.7	43.7	43.7	43.6	43.5	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.7	43.6	43.6
10	42.9	42.9	42.9	42.8	42.7	42.7	42.8	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.2	43.0	42.9
15	42.1	42.1	42.0	42.0	41.8	41.8	41.9	42.2	42.3	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.5	42.3	42.2
20	40.5	40.4	40.3	40.2	40.1	40.0	40.1	40.4	40.6	40.8	41.0	41.1	41.1	41.2	41.2	41.1	41.0	40.7	40.5
25	39.1	39.0	38.9	38.7	38.6	38.5	38.7	39.0	39.2	39.5	39.7	39.8	39.8	39.9	39.9	39.8	39.7	39.4	39.2
30	36.6	36.5	36.3	36.2	36.0	35.9	36.0	36.4	36.7	37.0	37.3	37.4	37.5	37.6	37.6	37.5	37.3	37.0	36.7
35	34.8	34.6	34.4	34.2	34.1	33.9	34.1	34.4	34.7	35.1	35.4	35.6	35.7	35.8	35.8	35.7	35.5	35.2	34.9
40	31.6	31.4	31.2	31.0	30.9	30.7	30.9	31.2	31.6	32.0	32.4	32.6	32.7	32.8	32.8	32.7	32.4	32.1	31.8
45	29.4	29.2	28.9	28.7	28.6	28.4	28.6	28.9	29.3	29.8	30.1	30.4	30.5	30.7	30.7	30.5	30.2	29.9	29.5
50	25.8	25.5	25.3	25.1	24.9	24.8	24.9	25.3	25.7	26.2	26.6	26.8	27.0	27.2	27.2	27.0	26.7	26.3	26.0
55	23.3	23.0	22.8	22.6	22.4	22.3	22.4	22.8	23.2	23.7	24.1	24.3	24.5	24.7	24.8	24.5	24.2	23.8	23.5
60	19.4	19.2	18.9	18.7	18.6	18.5	18.6	18.9	19.3	19.8	20.2	20.5	20.7	20.9	20.9	20.7	20.4	20.0	19.7
65	16.8	16.5	16.2	16.1	15.9	15.9	16.0	16.3	16.7	17.2	17.6	17.8	18.0	18.3	18.3	18.1	17.8	17.4	17.1
70	12.7	12.5	12.2	12.1	12.0	11.9	12.0	12.4	12.7	13.2	13.5	13.8	14.0	14.3	14.3	14.1	13.8	13.5	13.2
75	9.98	9.72	9.45	9.34	9.24	9.23	9.33	9.67	10.0	10.5	10.8	11.0	11.3	11.6	11.6	11.4	11.2	10.8	10.6
80	5.77	5.55	5.31	5.26	5.16	5.20	5.28	5.62	5.91	6.43	6.66	6.84	7.07	7.45	7.50	7.31	7.14	6.75	6.57
85	2.99	2.83	2.62	2.60	2.51	2.58	2.63	2.92	3.22	3.68	3.87	4.05	4.25	4.69	4.73	4.59	4.40	4.07	3.88
90	0.57	0.61	0.63	0.63	0.56	0.81	0.36	0.38	0.45	0.63	0.66	0.65	0.72	1.09	1.10	0.97	0.83	0.56	0.52
95	0.53	0.56	0.57	0.56	0.49	0.53	0.28	0.30	0.36	0.51	0.54	0.51	0.56	0.78	0.65	0.46	0.25	0.14	0.13
100	0.47	0.48	0.47	0.46	0.40	0.28	0.20	0.22	0.27	0.42	0.45	0.41	0.50	0.71	0.58	0.40	0.22	0.01	0.05
105	0.43	0.45	0.39	0.40	0.34	0.22	0.15	0.16	0.22	0.35	0.36	0.39	0.47	0.66	0.53	0.36	0.19	0.01	0.01
110	0.39	0.41	0.34	0.26	0.23	0.13	0.07	0.08	0.13	0.22	0.28	0.36	0.41	0.58	0.47	0.30	0.15	0.00	0.00
115	0.35	0.38	0.32	0.22	0.13	0.05	0.00	0.01	0.04	0.15	0.26	0.34	0.38	0.51	0.44	0.26	0.11	0.00	0.00
120	0.30	0.33	0.28	0.20	0.09	0.00	0.00	0.00	0.00	0.14	0.24	0.31	0.34	0.42	0.39	0.23	0.06	0.00	0.00
125	0.27	0.30	0.26	0.18	0.08	0.00	0.00	0.00	0.00	0.13	0.22	0.28	0.32	0.37	0.35	0.22	0.05	0.00	0.00
130	0.22	0.25	0.22	0.15	0.07	0.00	0.00	0.00	0.00	0.11	0.19	0.25	0.27	0.31	0.30	0.20	0.04	0.00	0.00
135	0.19	0.22	0.19	0.13	0.06	0.00	0.00	0.00	0.00	0.10	0.17	0.23	0.25	0.27	0.26	0.18	0.04	0.00	0.00
140	0.14	0.18	0.15	0.10	0.05	0.00	0.00	0.00	0.00	0.08	0.15	0.19	0.21	0.22	0.20	0.14	0.03	0.00	0.00
145	0.11	0.15	0.13	0.08	0.05	0.00	0.00	0.00	0.00	0.06	0.13	0.17	0.18	0.19	0.17	0.12	0.02	0.00	0.00
150	0.08	0.11	0.10	0.06	0.04	0.00	0.00	0.00	0.00	0.04	0.10	0.13	0.14	0.14	0.13	0.08	0.01	0.00	0.00
155	0.06	0.09	0.08	0.05	0.03	0.00	0.00	0.00	0.00	0.03	0.07	0.11	0.11	0.12	0.10	0.06	0.00	0.00	0.00
160	0.05	0.06	0.05	0.03	0.03	0.00	0.00	0.00	0.00	0.02	0.05	0.07	0.08	0.07	0.05	0.03	0.00	0.00	0.00
165	0.03	0.04	0.04	0.02	0.03	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.05	0.05	0.04	0.02	0.01	0.00	0.00
170	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
175	0.01	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02
180	0.02	0.02	0.03	0.02	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.02

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K) -56-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	43.9	43.9	43.9	43.9	43.9														
5	43.7	43.7	43.7	43.7	43.7														
10	43.0	43.0	43.0	43.0	43.0														
15	42.2	42.2	42.2	42.1	42.2														
20	40.6	40.5	40.5	40.5	40.5														
25	39.2	39.1	39.1	39.1	39.1														
30	36.7	36.7	36.6	36.6	36.7														
35	34.8	34.8	34.7	34.8	34.8														
40	31.7	31.6	31.6	31.7	31.7														
45	29.4	29.4	29.4	29.4	29.4														
50	25.9	25.8	25.8	25.9	25.9														
55	23.4	23.3	23.3	23.4	23.4														
60	19.6	19.5	19.4	19.5	19.5														
65	17.0	16.9	16.8	16.8	16.9														
70	13.1	12.9	12.8	12.8	12.8														
75	10.4	10.2	10.0	9.98	9.94														
80	6.35	6.19	5.91	5.83	5.63														
85	3.67	3.47	3.22	3.05	2.85														
90	0.44	0.36	0.27	0.24	0.21														
95	0.15	0.17	0.17	0.16	0.13														
100	0.07	0.09	0.10	0.09	0.07														
105	0.02	0.05	0.06	0.05	0.06														
110	0.00	0.01	0.01	0.02	0.06														
115	0.00	0.00	0.00	0.02	0.08														
120	0.00	0.00	0.00	0.03	0.09														
125	0.00	0.00	0.00	0.05	0.10														
130	0.00	0.00	0.00	0.06	0.10														
135	0.00	0.00	0.01	0.06	0.09														
140	0.00	0.00	0.01	0.06	0.08														
145	0.00	0.00	0.02	0.06	0.07														
150	0.00	0.00	0.02	0.05	0.06														
155	0.00	0.00	0.02	0.03	0.05														
160	0.00	0.00	0.02	0.02	0.04														
165	0.00	0.00	0.02	0.02	0.03														
170	0.01	0.01	0.02	0.02	0.02														
175	0.02	0.02	0.02	0.01	0.01														
180	0.03	0.02	0.02	0.03	0.03														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks: