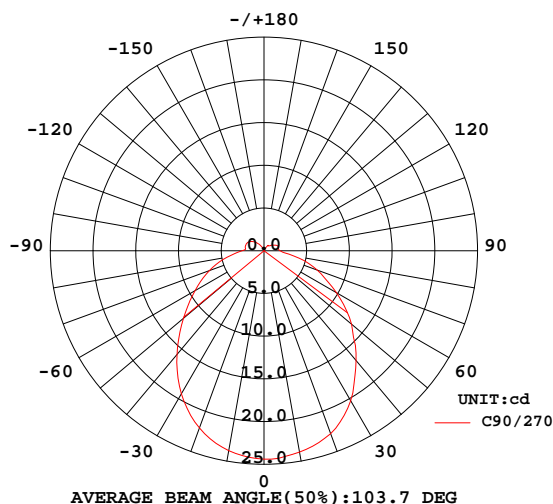


LUMINAIRE PHOTOMETRIC TEST REPORT

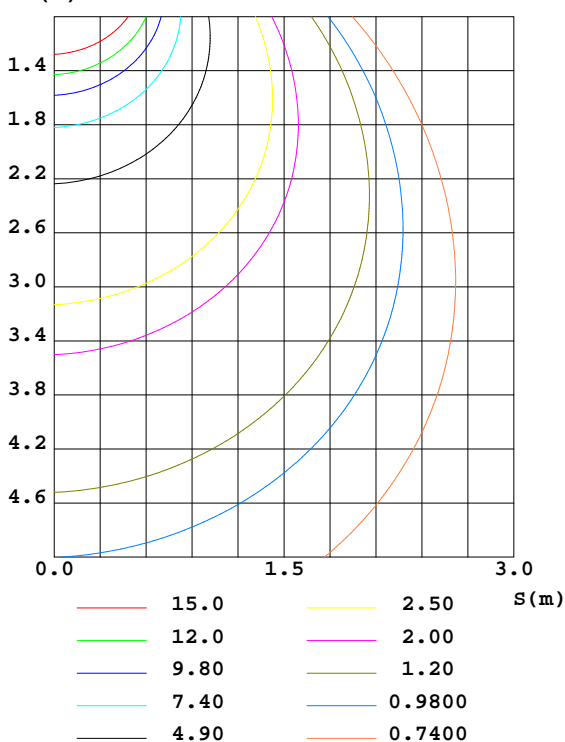
NAME: C-SFR-F16S-VB-D24CC-RGB-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.10 lm/W			
MODEL	5050	Imax(cd)	24.55	S/MH(C0/180)	1.18
NOMINAL POWER(W)	4.72	LOR(%)	129.6	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	71.291	η UP,DN(C0-180)	4.3,59.1
NOMINAL FLUX(lm)	55	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.9,62.2
LAMPS INSIDE	1	η up(%)	8.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	121.4	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:2018-09-01

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	23.54	23.53	23.76	23.96	24.30	24.34	23.92	23.92	0- 10	2.306	2.306	3.24,4.19
20	21.83	21.79	22.08	22.52	23.10	23.26	22.79	22.59	10- 20	6.586	8.893	12.5,16.2
30	19.26	19.10	19.34	19.91	20.76	21.03	20.28	20.34	20- 30	9.856	18.75	26.3,34.1
40	15.91	15.67	15.84	16.38	17.20	17.64	16.76	17.23	30- 40	11.52	30.27	42.5,55
50	12.18	12.04	12.31	12.58	13.02	13.57	13.38	13.58	40- 50	11.39	41.66	58.4,75.7
60	8.628	8.867	9.316	9.223	9.071	9.705	9.789	9.935	50- 60	9.914	51.57	72.3,93.8
70	5.383	6.135	6.815	6.320	5.540	6.385	6.644	6.687	60- 70	7.719	59.29	83.2,108
80	2.206	3.525	4.379	3.569	2.216	3.319	3.564	3.731	70- 80	5.106	64.40	90.3,117
90	0	1.413	2.594	1.528	0	1.250	1.903	1.709	80- 90	2.355	66.75	93.6,121
100	0	1.218	2.228	1.082	0	1.085	1.717	1.227	90-100	1.175	67.93	95.3,124
110	0	1.204	2.237	1.135	0	0.9976	1.713	1.234	100-110	1.104	69.03	96.8,126
120	0	1.050	2.084	0.8257	0	0.6162	1.328	1.118	110-120	0.9671	70.00	98.2,127
130	0	0.7729	1.682	0.5128	0	0.3116	0.9567	0.9280	120-130	0.6902	70.69	99.2,129
140	0	0.3986	1.124	0.2212	0	0.0387	0.7632	0.6400	130-140	0.3968	71.09	99.7,129
150	0	0.0942	0.5410	0.0105	0	0	0.4267	0.3271	140-150	0.1689	71.26	100,130
160	0	0	0.0217	0	0	0	0	0.0634	150-160	0.0346	71.29	100,130
170	0	0	0	0	0	0	0	0	160-170	0.0010	71.29	100,130
180	0	0	0	0	0	0	0	0	170-180	0	71.29	100,130
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

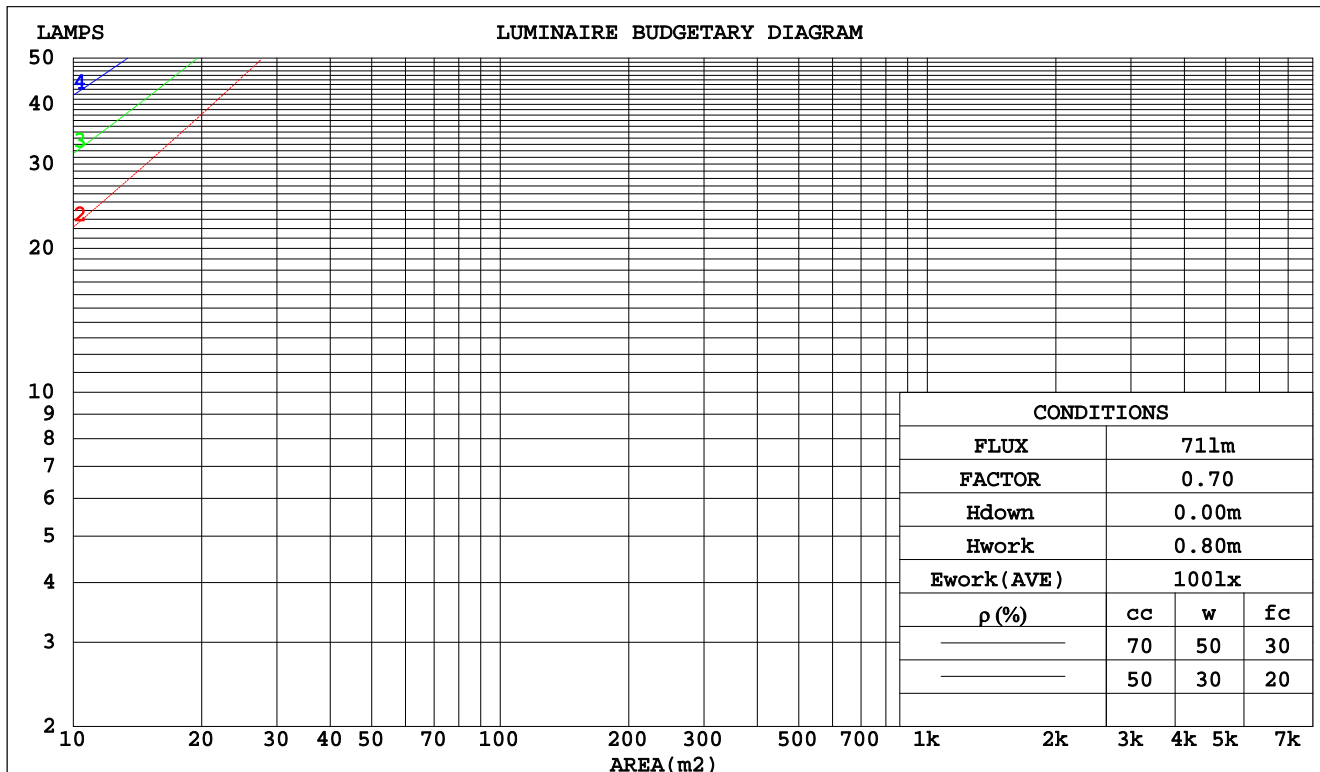
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION 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	Coefficients of Utilization(CU)															
0.0	1.52	1.52	1.52	1.48	1.48	1.48	1.39	1.39	1.39	1.32	1.32	1.32	1.25	1.25	1.25	1.21
1.0	1.32	1.26	1.21	1.28	1.23	1.18	1.21	1.17	1.13	1.15	1.11	1.08	1.09	1.06	1.03	.00
2.0	1.15	1.06	.98	1.12	1.03	.96	1.06	.99	.93	1.00	.95	.90	.95	.91	.86	.83
3.0	1.01	.90	.82	.98	.88	.80	.93	.85	.78	.88	.81	.76	.84	.78	.73	.70
4.0	.89	.78	.69	.87	.77	.68	.83	.74	.67	.79	.71	.65	.75	.69	.63	.60
5.0	.80	.68	.60	.78	.67	.59	.74	.65	.58	.71	.63	.56	.68	.61	.55	.52
6.0	.72	.61	.52	.70	.60	.52	.67	.58	.51	.64	.56	.50	.62	.54	.49	.46
7.0	.65	.54	.46	.64	.53	.46	.61	.52	.45	.59	.50	.44	.56	.49	.43	.40
8.0	.60	.49	.41	.59	.48	.41	.56	.47	.40	.54	.46	.39	.52	.44	.39	.36
9.0	.55	.44	.37	.54	.44	.37	.52	.43	.36	.50	.42	.36	.48	.40	.35	.33
10.0	.51	.41	.34	.50	.40	.34	.48	.39	.33	.46	.38	.32	.44	.37	.32	.30



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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:

WEC AND CCEC

NAME: C-SFR-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION 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	.417	.237	.075	.405	.231	.073	.383	.220	.070	.363	.209	.067	.345	.200	.064		
2.0	.382	.209	.064	.372	.205	.063	.352	.196	.061	.334	.188	.059	.318	.180	.057		
3.0	.350	.186	.056	.341	.182	.055	.323	.175	.053	.307	.168	.052	.292	.162	.050		
4.0	.321	.167	.049	.313	.164	.048	.297	.158	.047	.283	.152	.046	.269	.146	.045		
5.0	.296	.151	.044	.288	.148	.043	.274	.143	.042	.261	.138	.041	.249	.133	.040		
6.0	.274	.137	.039	.267	.135	.039	.254	.130	.038	.243	.126	.037	.232	.122	.036		
7.0	.254	.126	.036	.248	.124	.035	.237	.120	.035	.226	.116	.034	.216	.112	.033		
8.0	.238	.116	.033	.232	.114	.032	.222	.111	.032	.212	.107	.031	.203	.104	.030		
9.0	.223	.108	.030	.218	.106	.030	.208	.103	.029	.199	.100	.029	.191	.097	.028		
10.0	.209	.100	.028	.205	.099	.028	.196	.096	.027	.188	.093	.027	.180	.091	.026		

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	.310	.310	.310	.265	.265	.265	.181	.181	.181	.104	.104	.104	.033	.033	.033	
1.0	.298	.266	.236	.255	.228	.203	.174	.157	.141	.100	.091	.082	.032	.029	.026	
2.0	.288	.235	.190	.246	.202	.165	.169	.140	.115	.097	.081	.067	.031	.026	.022	
3.0	.277	.212	.160	.238	.183	.139	.163	.127	.098	.094	.074	.058	.030	.024	.019	
4.0	.267	.195	.140	.229	.169	.122	.158	.118	.086	.091	.069	.051	.029	.022	.017	
5.0	.257	.182	.126	.221	.157	.110	.152	.110	.078	.088	.065	.046	.028	.021	.015	
6.0	.248	.171	.116	.213	.148	.101	.147	.104	.071	.085	.061	.042	.028	.020	.014	
7.0	.239	.162	.108	.206	.141	.095	.142	.099	.067	.083	.058	.040	.027	.019	.013	
8.0	.231	.155	.103	.199	.134	.090	.138	.094	.064	.080	.056	.038	.026	.018	.013	
9.0	.223	.149	.098	.192	.129	.086	.133	.091	.061	.078	.054	.036	.025	.018	.012	
10.0	.216	.143	.095	.186	.124	.083	.129	.087	.059	.075	.052	.035	.024	.017	.012	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE:/						WEIGHT:0.129kg/m				
DIM.: 15.5*6mm						SPEC.:		SERIAL No.:		
MFR.:						SUR.:15.5*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				
x = 2H y = 2H						Viewed endwise				
3H						12.6	14.1	13.0	14.4	14.7
4H						12.8	14.2	13.2	14.5	14.9
6H						14.1	15.4	14.5	15.8	16.1
8H						14.7	16.0	15.1	16.3	16.7
12H						15.2	16.3	15.6	16.0	17.2
4H						15.6	16.9	16.0	17.2	17.6
6H						16.6	17.8	17.0	18.1	18.5
8H						17.0	18.2	17.5	18.6	19.0
12H						17.6	18.7	18.0	19.1	19.5
4H						13.2	14.5	13.7	14.9	15.2
6H						13.4	14.6	13.8	15.0	15.4
8H						15.0	16.1	15.4	16.5	16.9
12H						15.5	16.6	15.9	17.0	17.4
4H						15.7	16.7	16.2	17.2	17.6
6H						16.6	17.6	17.1	18.0	18.5
8H						16.3	17.2	16.8	17.7	18.2
12H						17.7	18.6	18.2	19.1	19.6
4H						16.5	17.3	17.0	17.8	18.3
6H						18.3	19.1	18.8	19.6	20.1
8H						16.6	17.3	17.1	17.8	18.4
12H						18.9	19.7	19.5	20.2	20.7
4H						16.2	17.0	16.7	17.5	18.0
6H						16.9	17.7	17.4	18.2	18.8
8H						17.0	17.7	17.5	18.2	18.8
12H						18.3	19.0	18.8	19.5	20.0
4H						17.3	17.9	17.8	18.4	19.0
6H						19.0	19.6	19.6	20.1	20.7
8H						17.4	18.0	18.0	18.5	19.1
12H						19.8	20.4	20.4	20.9	21.5
4H						16.3	17.0	16.8	17.5	18.1
6H						16.9	17.7	17.5	18.2	18.7
8H						17.2	17.8	17.7	18.3	18.9
12H						18.4	19.0	18.9	19.5	20.1
4H						17.5	18.1	18.1	18.6	19.2
6H						19.2	19.7	19.7	20.2	20.9
8H						19.2	19.7	19.7	20.2	20.9
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 / - 0.2				
2.0H		+ 0.1 / - 0.2				+ 0.1 / - 0.3				

CIE Pub.117 Corrected 55.00 lm Total Lamp Luminous Flux.(8log(F/F0) = -10.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /

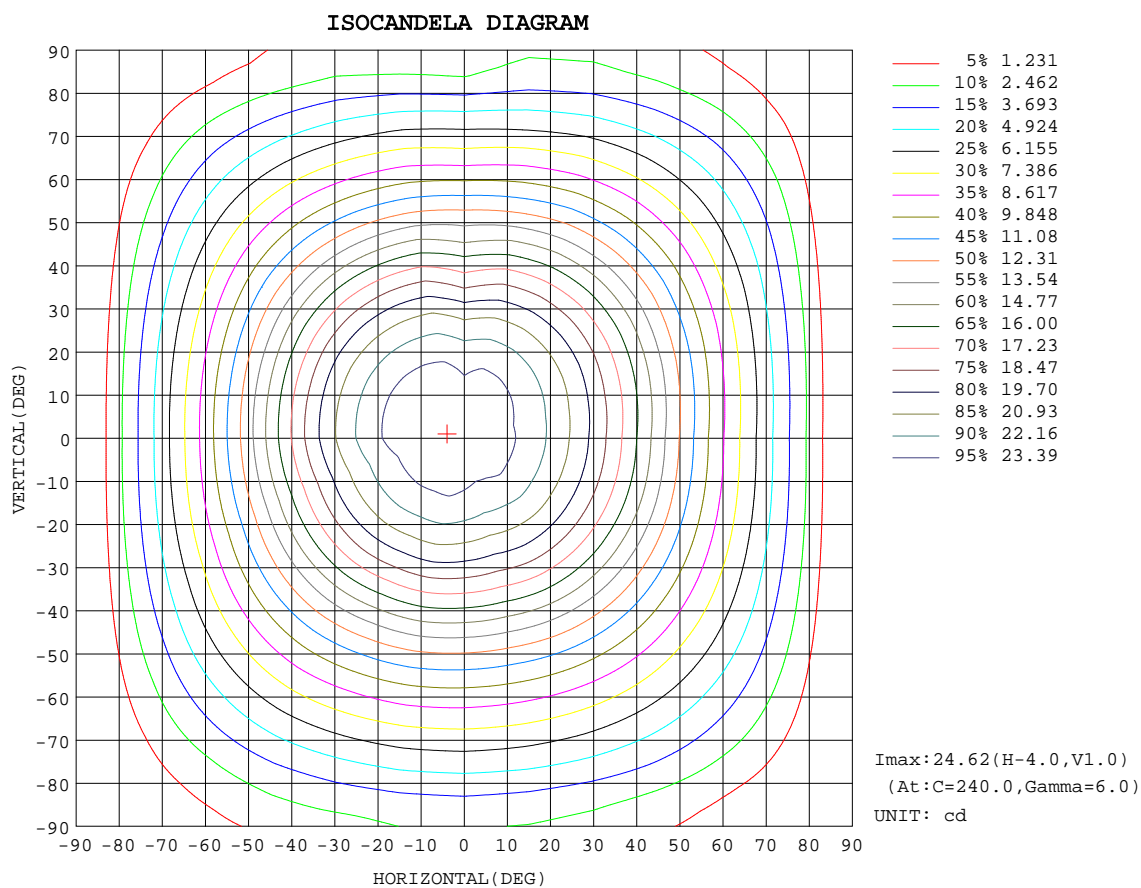
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	73	58	49	72	57	49	70	57	48	40
0.80	85	70	61	84	69	60	81	68	60	50
1.00	96	81	71	94	80	71	90	81	70	60
1.25	105	91	81	102	89	80	98	87	79	69
1.50	111	98	88	108	96	87	104	93	86	75
2.00	120	108	99	117	106	98	111	102	95	84
2.50	125	114	106	122	112	104	116	108	101	89
3.00	129	120	112	126	117	110	119	112	106	93
4.00	134	126	120	131	124	118	124	118	113	99
5.00	138	131	125	134	128	122	127	122	117	103
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: 2018-09-01

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:

ISOCANDELA DIAGRAM

NAME: C-SFR-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /

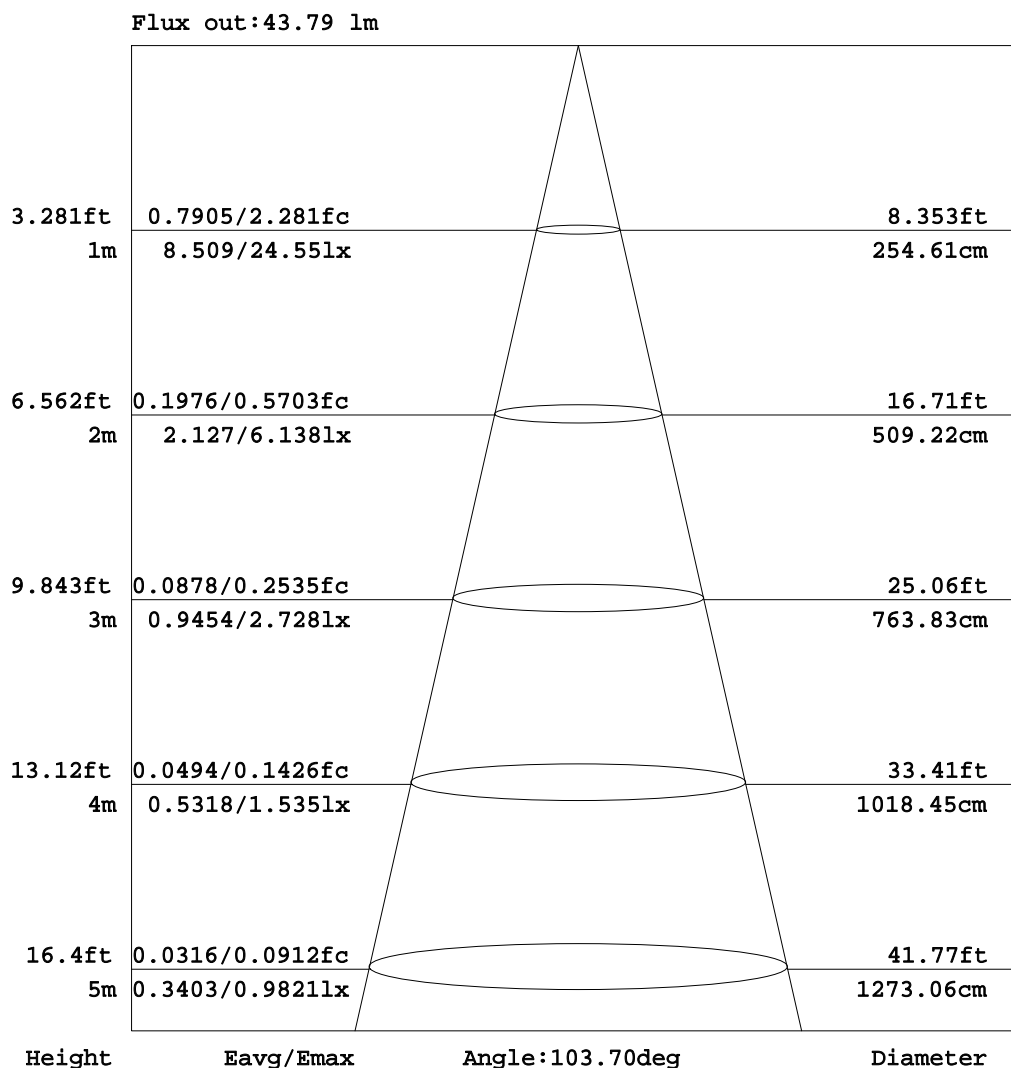


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE:/	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/



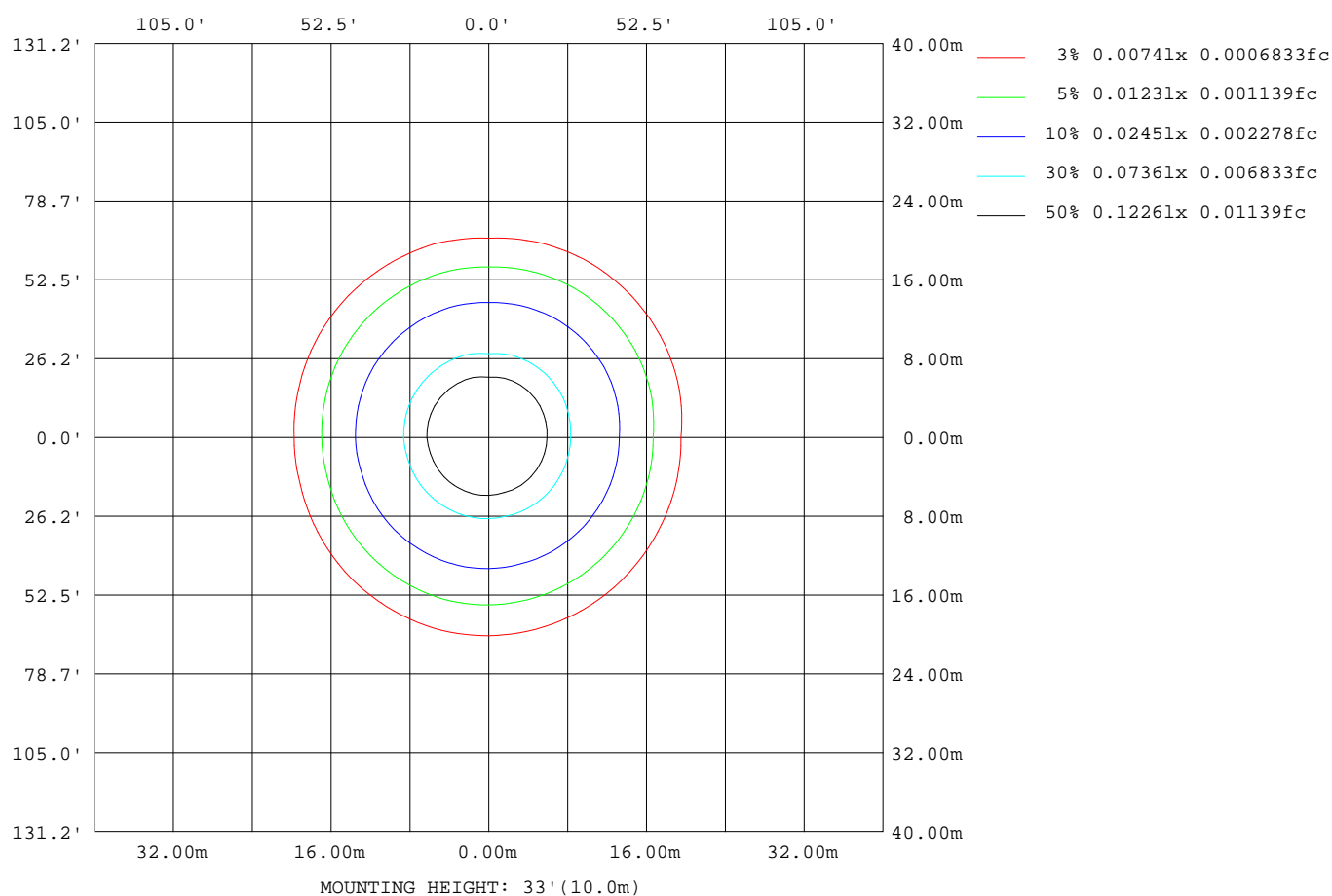
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE:/	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	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	55	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.0155	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	1165	1164	1163	1163	1166	1173	1184	1193	1201	1207	1212	1213	1212	1217	1220	1220	1217	1223	1238
60	1113	1118	1123	1128	1138	1151	1167	1183	1195	1202	1204	1201	1194	1192	1186	1178	1169	1165	1170
65	1066	1081	1094	1107	1128	1152	1177	1201	1218	1225	1224	1215	1201	1189	1172	1149	1128	1112	1109
70	1015	1043	1071	1101	1138	1177	1216	1251	1275	1286	1279	1261	1235	1208	1173	1132	1094	1061	1045
75	945	997	1050	1106	1172	1237	1297	1352	1387	1398	1388	1356	1307	1259	1196	1122	1057	999	965
80	820	918	1020	1128	1250	1364	1463	1549	1607	1627	1605	1549	1469	1379	1262	1126	1002	890	823
85	456	702	942	1191	1496	1791	2047	2259	2405	2469	2431	2330	2170	1932	1624	1274	940	634	441

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

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	2469	200	---	500
Category 2	65 to 90	2469	200	---	500
Category 3	75 to 90	2469	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:2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*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	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
5	24.2	24.1	24.1	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.4
10	23.5	23.5	23.5	23.5	23.5	23.6	23.8	23.8	23.9	24.0	24.1	24.1	24.3	24.3	24.4	24.3	24.4	24.4	23.9
15	23.0	22.9	22.9	23.0	22.9	23.1	23.2	23.3	23.4	23.5	23.6	23.7	24.0	24.0	24.1	24.0	24.1	24.1	23.6
20	21.8	21.7	21.8	21.8	21.8	21.9	22.1	22.2	22.3	22.5	22.7	22.8	23.1	23.2	23.3	23.3	23.3	23.3	22.8
25	20.9	20.8	20.8	20.8	20.9	20.9	21.1	21.3	21.4	21.6	21.8	21.9	22.3	22.4	22.5	22.5	22.6	22.6	21.9
30	19.3	19.2	19.1	19.1	19.2	19.2	19.3	19.5	19.6	19.9	20.1	20.3	20.8	20.9	21.0	21.0	21.1	21.1	20.3
35	18.0	17.9	17.8	17.8	17.9	17.8	18.0	18.2	18.3	18.6	18.8	19.0	19.5	19.6	19.8	19.8	19.8	19.8	18.8
40	15.9	15.8	15.7	15.7	15.7	15.7	15.8	16.0	16.1	16.4	16.6	16.8	17.2	17.4	17.6	17.6	17.7	17.7	16.8
45	14.4	14.3	14.2	14.2	14.3	14.3	14.4	14.5	14.6	14.8	15.0	15.2	15.5	15.8	16.0	16.0	16.1	16.1	15.4
50	12.2	12.1	12.1	12.0	12.2	12.2	12.3	12.4	12.4	12.6	12.7	12.8	13.0	13.2	13.5	13.6	13.7	13.7	13.4
55	10.7	10.7	10.7	10.7	10.8	10.9	11.0	11.1	11.1	11.2	11.2	11.2	11.4	11.6	11.9	12.0	12.1	12.2	12.0
60	8.63	8.68	8.75	8.87	9.05	9.22	9.32	9.33	9.25	9.22	9.13	9.04	9.07	9.29	9.56	9.71	9.84	9.98	9.79
65	7.30	7.43	7.54	7.73	7.97	8.19	8.27	8.26	8.13	8.03	7.84	7.66	7.62	7.86	8.14	8.32	8.50	8.65	8.37
70	5.38	5.61	5.84	6.13	6.45	6.71	6.82	6.74	6.55	6.32	6.00	5.71	5.54	5.81	6.13	6.38	6.63	6.83	6.64
75	4.11	4.41	4.72	5.10	5.45	5.75	5.85	5.76	5.50	5.22	4.80	4.44	4.19	4.48	4.85	5.15	5.43	5.64	5.47
80	2.21	2.61	3.04	3.52	3.94	4.26	4.38	4.26	3.95	3.57	3.03	2.55	2.22	2.51	2.95	3.32	3.68	3.77	3.56
85	0.93	1.41	1.89	2.47	2.96	3.35	3.52	3.39	3.12	2.63	1.95	1.33	0.92	1.22	1.72	2.16	2.61	2.62	2.43
90	0.00	0.05	0.71	1.41	2.00	2.42	2.59	2.47	1.94	1.53	0.86	0.10	0.00	0.00	0.66	1.25	1.58	1.81	1.90
95	0.00	0.00	0.55	1.17	1.68	2.05	2.21	2.09	1.51	1.11	0.60	0.00	0.00	0.00	0.49	0.93	1.42	1.66	1.76
100	0.00	0.00	0.58	1.22	1.74	2.08	2.23	2.13	1.42	1.08	0.56	0.00	0.00	0.00	0.53	1.08	1.27	1.63	1.72
105	0.00	0.00	0.60	1.22	1.75	2.12	2.25	2.16	1.40	1.15	0.60	0.03	0.00	0.00	0.54	1.07	1.57	1.47	1.77
110	0.00	0.00	0.57	1.20	1.73	2.10	2.24	2.14	1.42	1.13	0.54	0.00	0.00	0.00	0.43	0.9976	1.45	1.51	1.71
115	0.00	0.00	0.54	1.16	1.67	2.04	2.21	2.10	1.51	0.98	0.46	0.00	0.00	0.00	0.34	0.82	1.45	1.74	1.59
120	0.00	0.00	0.44	1.05	1.53	1.91	2.08	1.95	1.24	0.83	0.35	0.00	0.00	0.00	0.21	0.62	1.09	1.62	1.33
125	0.00	0.00	0.37	0.95	1.41	1.78	1.95	1.80	1.09	0.72	0.26	0.00	0.00	0.00	0.15	0.49	0.90	1.36	1.19
130	0.00	0.00	0.21	0.77	1.19	1.53	1.68	1.49	0.88	0.51	0.13	0.00	0.00	0.00	0.00	0.31	0.62	1.06	0.96
135	0.00	0.00	0.12	0.63	1.03	1.35	1.48	1.20	0.71	0.39	0.06	0.00	0.00	0.00	0.00	0.20	0.46	0.81	0.84
140	0.00	0.00	0.01	0.40	0.75	1.01	1.12	0.79	0.45	0.22	0.00	0.00	0.00	0.00	0.00	0.04	0.27	0.49	0.76
145	0.00	0.00	0.00	0.27	0.55	0.80	0.90	0.53	0.33	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.31	0.77
150	0.00	0.00	0.00	0.09	0.28	0.45	0.54	0.22	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.43
155	0.00	0.00	0.00	0.00	0.12	0.25	0.32	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
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: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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-F16S-VB-D24CC-RGB-56-5050-1M-BTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	24.4	24.4	24.4	24.4	24.4														
5	24.4	24.4	24.3	24.3	24.2														
10	24.1	24.0	23.9	23.8	23.7														
15	23.7	23.6	23.5	23.3	23.2														
20	22.8	22.8	22.6	22.4	22.1														
25	22.1	22.0	21.8	21.6	21.3														
30	20.6	20.5	20.3	20.1	19.7														
35	19.3	19.4	19.2	18.9	18.5														
40	17.3	17.4	17.2	17.0	16.5														
45	15.8	15.9	15.8	15.6	15.1														
50	13.6	13.7	13.6	13.4	12.9														
55	12.0	12.2	12.1	11.9	11.4														
60	9.92	10.0	9.93	9.72	9.33														
65	8.62	8.70	8.59	8.35	8.00														
70	6.76	6.86	6.69	6.42	6.05														
75	5.61	5.69	5.48	5.18	4.78														
80	3.97	4.00	3.73	3.36	2.88														
85	3.01	3.01	2.67	2.18	1.65														
90	2.28	2.20	1.71	1.02	0.32														
95	2.01	1.87	1.36	0.68	0.04														
100	1.95	1.72	1.23	0.62	0.03														
105	1.95	1.73	1.24	0.63	0.05														
110	1.95	1.72	1.23	0.64	0.06														
115	1.90	1.68	1.21	0.63	0.04														
120	1.74	1.55	1.12	0.59	0.00														
125	1.61	1.45	1.06	0.54	0.00														
130	1.39	1.28	0.93	0.44	0.00														
135	1.24	1.14	0.83	0.35	0.00														
140	0.99	0.94	0.64	0.25	0.00														
145	0.80	0.78	0.51	0.17	0.00														
150	0.45	0.54	0.33	0.06	0.00														
155	0.25	0.39	0.22	0.00	0.00														
160	0.02	0.19	0.06	0.00	0.00														
165	0.00	0.06	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: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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: