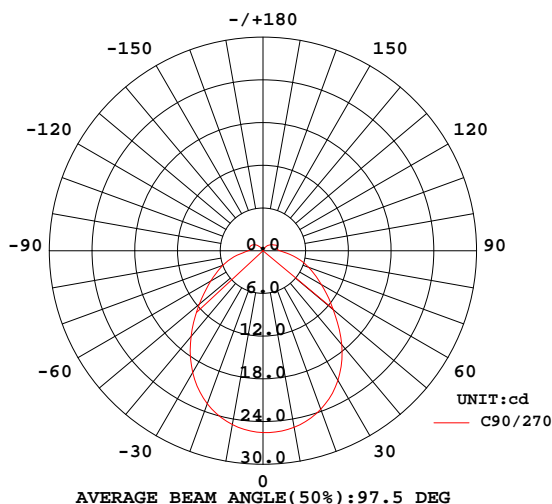


LUMINAIRE PHOTOMETRIC TEST REPORT

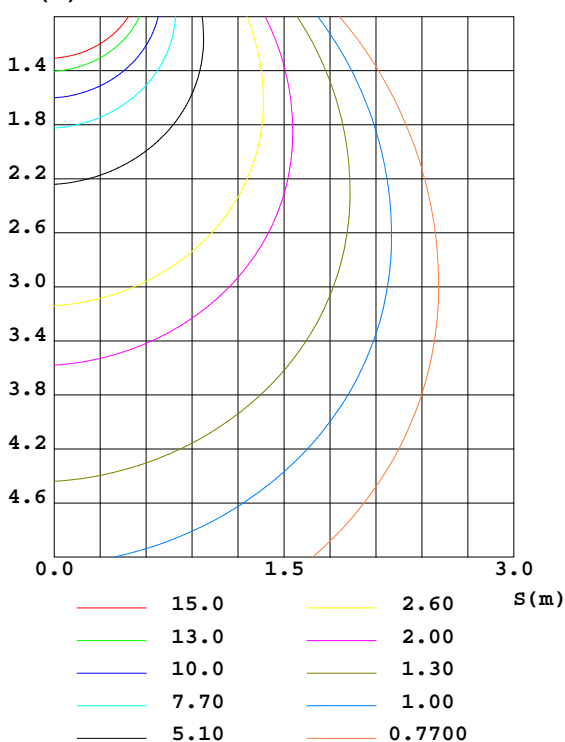
NAME: C-SFR-F16S-VB-D24CC-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.18 lm/W			
MODEL	5050	Imax(cd)	25.73	S/MH(C0/180)	1.13
NOMINAL POWER(W)	4.62	LOR(%)	127.5	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	70.128	η UP,DN(C0-180)	3.4,57.7
NOMINAL FLUX(lm)	55	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.1,62.3
LAMPS INSIDE	1	η up(%)	7.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	120.0	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:2018-09-03

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	%lum, lamp
10	24.36	24.46	24.78	25.17	25.62	25.51	25.18	24.81	0- 10	2.412	2.412	3.44,4.38
20	22.21	22.32	22.87	23.61	24.49	24.29	23.70	23.07	10- 20	6.848	9.260	13.2,16.8
30	19.12	19.17	19.75	20.76	21.99	21.74	21.03	20.31	20- 30	10.14	19.40	27.7,35.3
40	15.26	15.23	15.72	16.80	18.00	17.82	17.21	16.62	30- 40	11.64	31.04	44.3,56.4
50	11.30	11.25	11.69	12.48	13.29	13.26	12.90	12.67	40- 50	11.15	42.19	60.2,76.7
60	7.804	8.040	8.449	8.820	9.036	9.345	9.462	9.171	50- 60	9.404	51.59	73.6,93.8
70	4.753	5.435	6.004	5.907	5.603	6.361	6.827	6.338	60- 70	7.246	58.84	83.9,107
80	1.808	2.964	3.729	3.291	2.515	3.633	4.346	3.714	70- 80	4.872	63.71	90.9,116
90	0	1.065	2.068	1.324	0	1.248	2.404	1.636	80- 90	2.278	65.99	94.1,120
100	0	1.048	1.927	0.8622	0	0.8862	2.093	1.258	90-100	1.109	67.10	95.7,122
110	0	0.9655	1.898	0.8691	0	1.052	2.100	1.275	100-110	1.037	68.14	97.2,124
120	0	0.7769	1.663	0.6390	0	0.6518	1.679	1.169	110-120	0.8779	69.01	98.4,125
130	0	0.4230	1.266	0.3426	0	0.3574	1.321	0.9391	120-130	0.6120	69.63	99.3,127
140	0	0.1089	0.7658	0.0764	0	0.0466	0.9269	0.6030	130-140	0.3389	69.97	99.8,127
150	0	0	0.2853	0	0	0	0.4565	0.2865	140-150	0.1323	70.10	100,127
160	0	0	0	0	0	0	0	0.0168	150-160	0.0283	70.13	100,128
170	0	0	0	0	0	0	0	0	160-170	0.0022	70.13	100,128
180	0	0	0	0	0	0	0	0	170-180	0	70.13	100,128
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

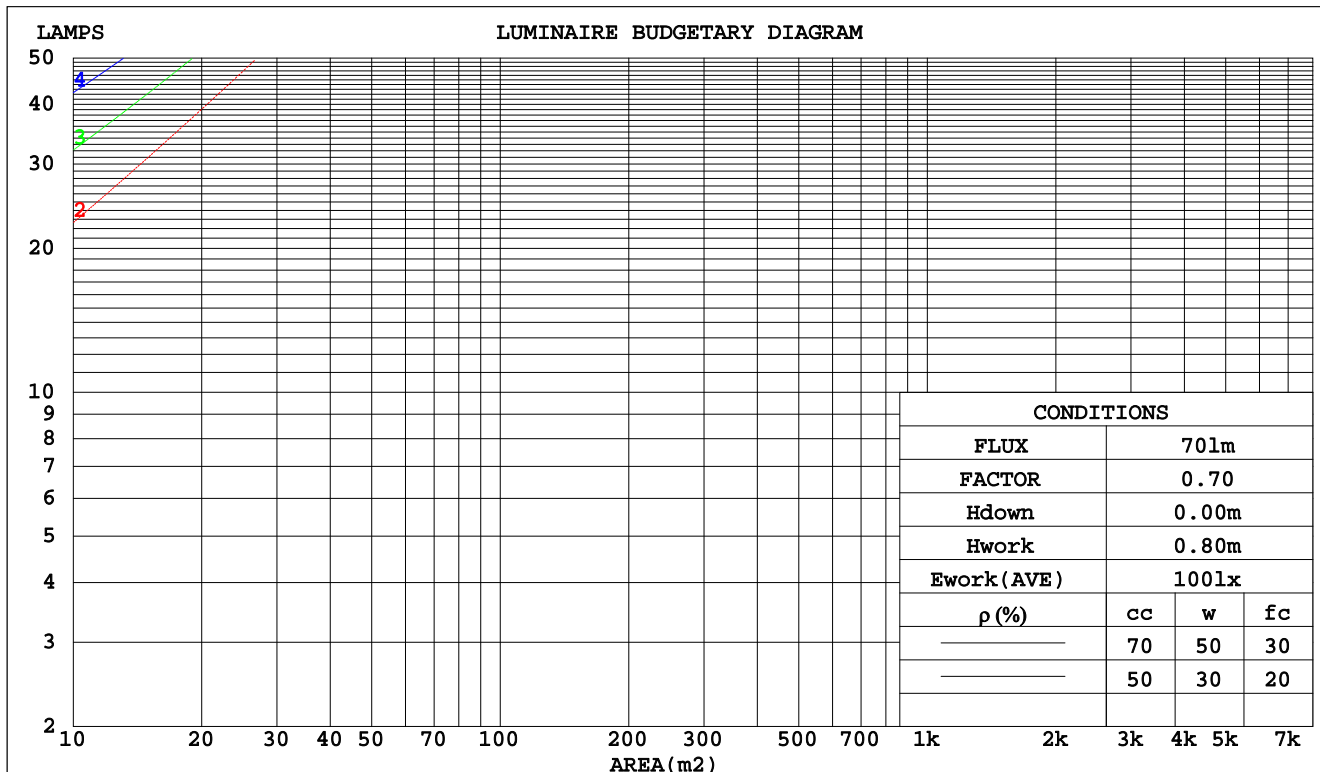
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
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	1.50	1.50	1.50	1.46	1.46	1.46	1.37	1.37	1.37	1.30	1.30	1.30	1.23	1.23	1.23	1.20
1.0	1.30	1.25	1.19	1.27	1.21	1.17	1.20	1.16	1.12	1.13	1.10	1.07	1.08	1.05	1.02	.99
2.0	1.14	1.05	.98	1.11	1.03	.96	1.05	.98	.92	.00	.94	.89	.95	.90	.86	.83
3.0	1.00	.90	.81	.97	.88	.80	.93	.85	.78	.88	.81	.76	.84	.78	.73	.70
4.0	.89	.78	.69	.87	.76	.69	.83	.74	.67	.79	.71	.65	.75	.69	.63	.60
5.0	.80	.68	.60	.78	.67	.59	.74	.65	.58	.71	.63	.57	.68	.61	.55	.53
6.0	.72	.61	.53	.70	.60	.52	.67	.58	.51	.64	.56	.50	.62	.55	.49	.46
7.0	.65	.54	.47	.64	.54	.46	.61	.52	.45	.59	.51	.45	.57	.49	.44	.41
8.0	.60	.49	.42	.59	.49	.41	.56	.47	.41	.54	.46	.40	.52	.45	.39	.37
9.0	.55	.45	.38	.54	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.36	.33
10.0	.51	.41	.34	.50	.40	.34	.48	.40	.34	.46	.39	.33	.45	.38	.33	.30



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
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	.405	.230	.073	.393	.224	.071	.372	.213	.068	.352	.203	.065	.334	.194	.063		
2.0	.371	.203	.062	.361	.199	.061	.342	.190	.059	.325	.182	.057	.309	.175	.055		
3.0	.340	.181	.054	.331	.177	.053	.314	.170	.052	.298	.163	.050	.284	.157	.049		
4.0	.312	.162	.048	.304	.159	.047	.289	.153	.046	.275	.148	.045	.262	.142	.043		
5.0	.288	.147	.042	.281	.144	.042	.267	.139	.041	.254	.134	.040	.243	.130	.039		
6.0	.267	.134	.038	.260	.131	.038	.248	.127	.037	.237	.123	.036	.226	.119	.035		
7.0	.248	.123	.035	.242	.121	.034	.231	.117	.034	.221	.113	.033	.211	.110	.032		
8.0	.232	.113	.032	.226	.111	.031	.216	.108	.031	.207	.105	.030	.198	.102	.030		
9.0	.217	.105	.029	.212	.103	.029	.203	.101	.028	.195	.098	.028	.187	.095	.027		
10.0	.204	.098	.027	.200	.097	.027	.192	.094	.026	.184	.091	.026	.176	.089	.025		

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	.300	.300	.300	.257	.257	.257	.175	.175	.175	.101	.101	.101	.032	.032	.032		
1.0	.288	.257	.228	.247	.220	.197	.169	.152	.136	.097	.088	.079	.031	.028	.026		
2.0	.278	.226	.183	.238	.195	.158	.163	.135	.111	.094	.078	.065	.030	.025	.021		
3.0	.267	.204	.154	.229	.176	.133	.157	.122	.094	.091	.071	.055	.029	.023	.018		
4.0	.257	.187	.134	.221	.162	.116	.152	.113	.082	.088	.066	.048	.028	.022	.016		
5.0	.248	.174	.120	.213	.151	.104	.147	.105	.074	.085	.062	.044	.027	.020	.014		
6.0	.239	.164	.110	.205	.142	.096	.141	.099	.068	.082	.058	.040	.026	.019	.013		
7.0	.230	.155	.102	.198	.134	.089	.137	.094	.063	.079	.055	.038	.026	.018	.012		
8.0	.222	.148	.097	.191	.128	.084	.132	.090	.060	.077	.053	.036	.025	.017	.012		
9.0	.214	.141	.092	.184	.123	.080	.128	.086	.057	.074	.051	.034	.024	.017	.011		
10.0	.207	.136	.089	.178	.118	.077	.124	.083	.055	.072	.049	.033	.023	.016	.011		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-03

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-RGBW(2700K)-56-5050-1M-B						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						12.1	13.5	12.5	13.8	14.2
4H						12.4	13.8	12.7	14.1	14.4
6H						14.1	15.4	14.5	15.7	16.1
8H						15.0	16.2	15.4	16.6	16.9
12H						15.8	17.0	16.3	17.4	17.8
14.4						16.3	17.4	16.7	17.8	18.2
15.6						16.7	17.8	17.1	18.2	18.6
16.4						16.7	17.8	17.1	18.2	18.6
16.4						12.9	14.1	13.3	14.5	14.9
16.4						14.9	15.9	15.3	16.3	16.8
16.4						15.9	16.9	16.4	17.3	17.8
16.4						17.0	17.8	17.4	18.3	18.8
16.4						17.5	18.3	18.0	18.8	19.3
16.4						18.0	18.8	18.5	19.3	19.8
16.4						16.2	17.0	16.7	17.5	18.0
16.4						17.5	18.2	18.0	18.7	19.2
16.4						18.1	18.7	18.7	19.3	19.8
16.4						18.8	19.4	19.4	19.9	20.5
15.5						16.2	17.0	16.7	17.5	18.0
16.3						17.5	18.1	18.1	18.7	19.2
16.6						18.3	18.8	18.8	19.3	19.9
Variations with the observer position at spacings:										
S = 1.0H		+ 0.2 / - 0.2				+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2				+ 0.1 / - 0.2				
2.0H		+ 0.2 / - 0.3				+ 0.1 / - 0.2				

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:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/

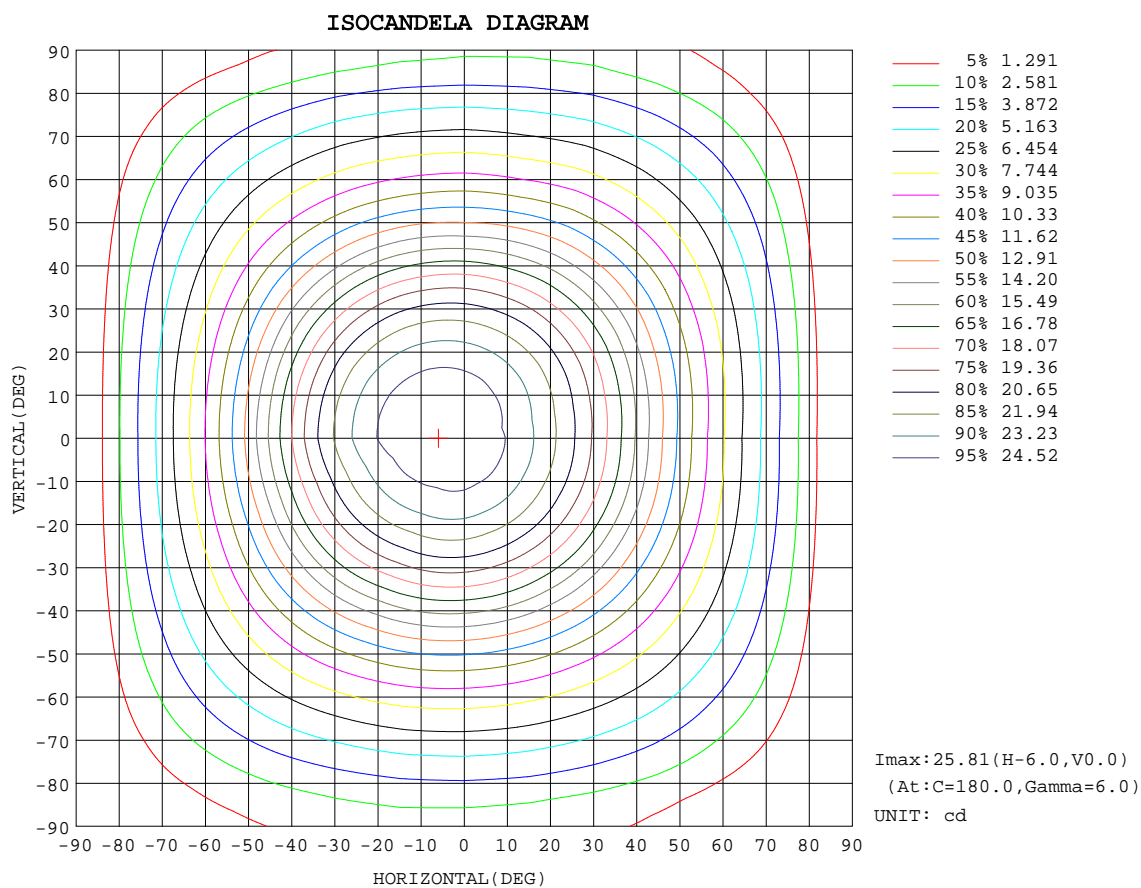
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	73	58	50	72	58	50	70	57	49	41
0.80	85	71	61	84	70	61	81	69	60	52
1.00	95	81	72	94	80	71	90	81	70	61
1.25	104	90	81	102	89	81	98	87	79	69
1.50	110	97	88	108	96	87	103	93	86	75
2.00	119	107	99	116	105	98	110	102	95	84
2.50	123	113	105	120	111	104	115	107	101	88
3.00	128	118	111	124	116	109	118	111	106	93
4.00	133	125	119	129	122	116	123	117	112	99
5.00	136	129	124	132	126	121	125	120	116	102
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SERIAL No.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

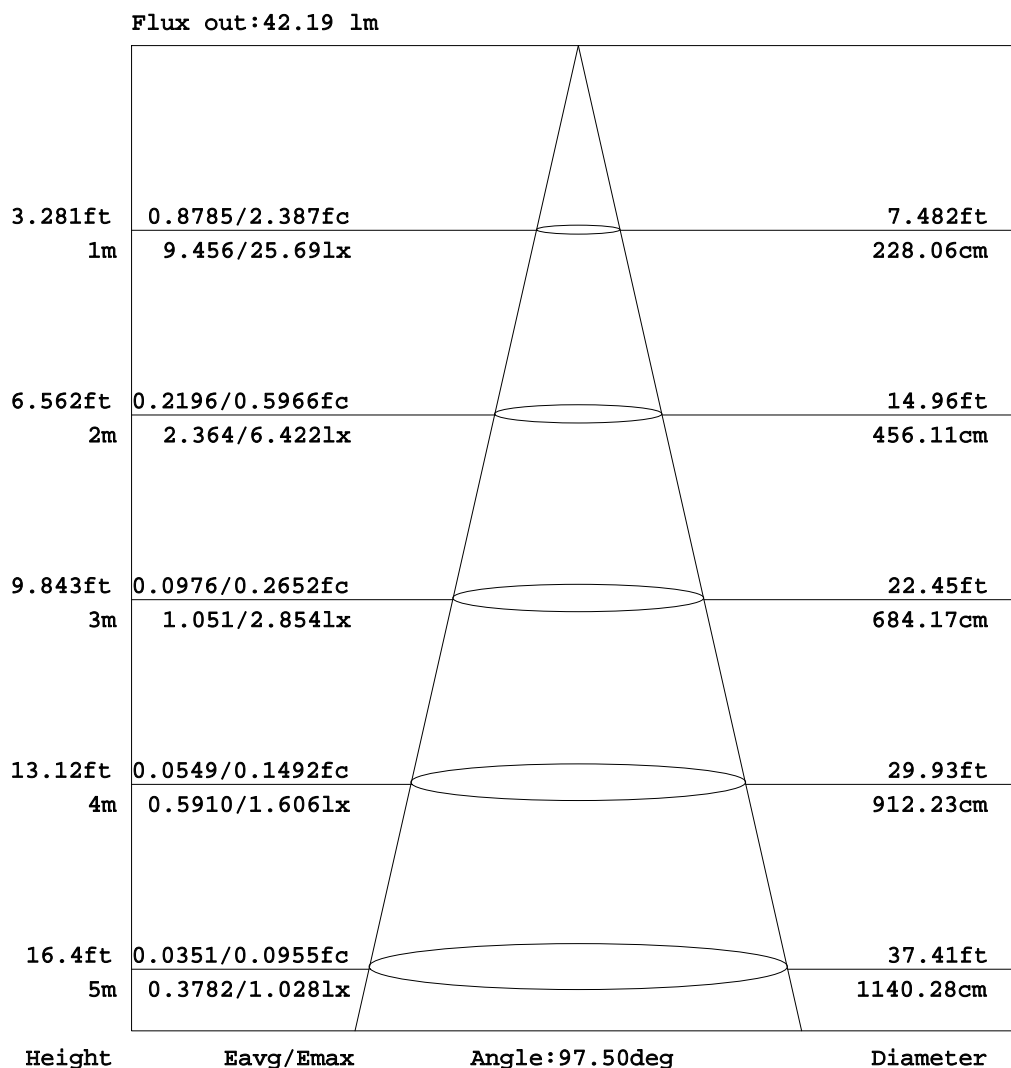


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-03

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-RGBW(2700K)-56-5050-1M-B	5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:15.5*1000mm	PROTECTION ANGLE:/



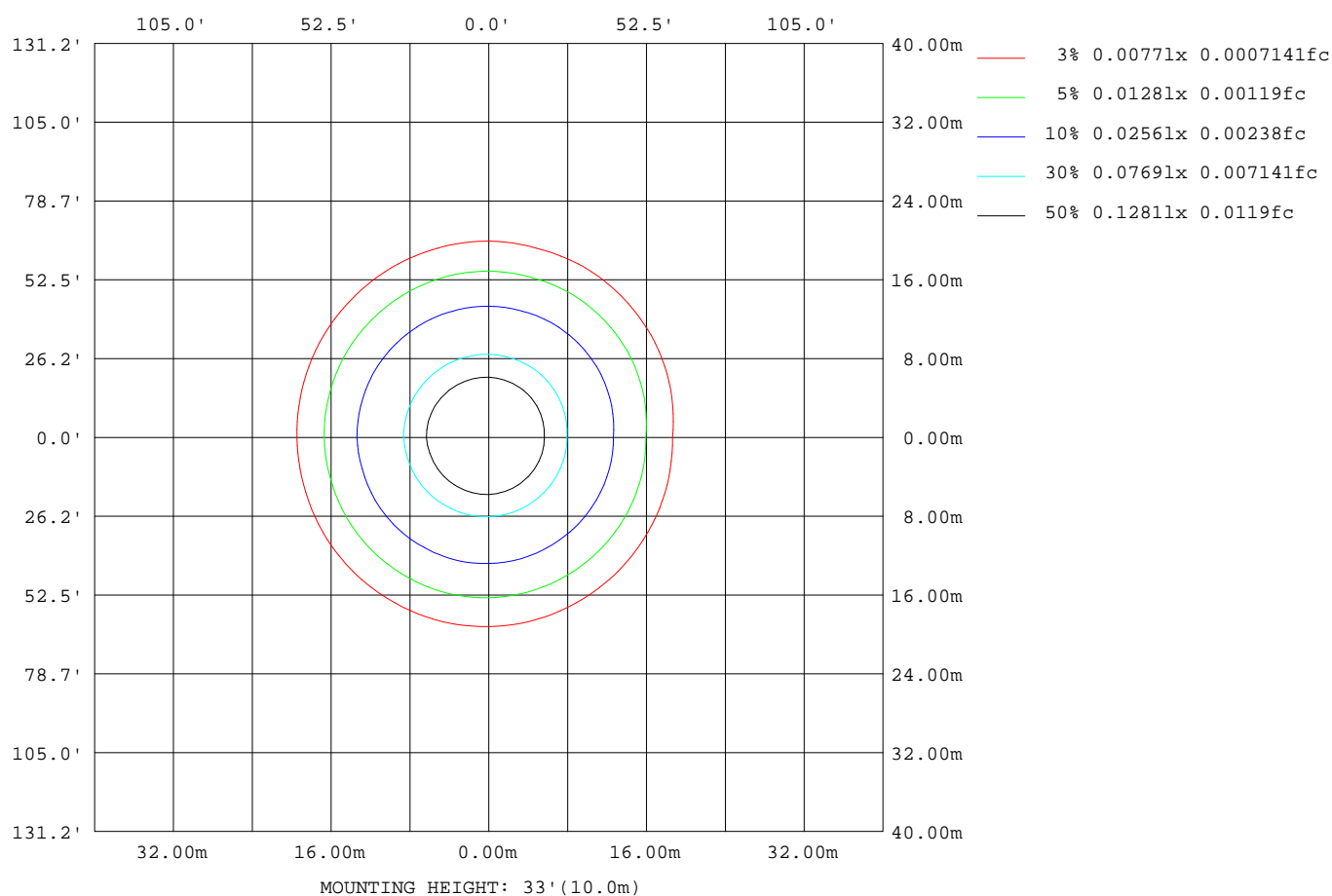
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
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:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	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	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 deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1067	1070	1071	1070	1072	1075	1081	1093	1106	1118	1132	1145	1159	1177	1195	1208	1216	1228	1244
60	1007	1015	1021	1026	1034	1041	1050	1065	1079	1090	1101	1111	1119	1132	1143	1151	1153	1157	1166
65	953	969	983	996	1014	1030	1045	1064	1081	1093	1102	1107	1107	1112	1114	1112	1107	1104	1107
70	897	925	950	974	1008	1039	1066	1095	1118	1133	1138	1135	1125	1118	1109	1095	1078	1062	1057
75	820	864	910	960	1020	1075	1122	1168	1200	1215	1219	1206	1180	1157	1127	1092	1058	1027	1012
80	672	757	842	932	1045	1150	1236	1311	1362	1385	1388	1359	1304	1252	1186	1109	1039	972	934
85	233	428	639	869	1146	1403	1618	1801	1924	1983	2007	1957	1832	1665	1451	1210	990	797	694

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	2007	200	---	500
Category 2	65 to 90	2007	200	---	500
Category 3	75 to 90	2007	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:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	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	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
5	25.2	25.2	25.2	25.2	25.3	25.3	25.4	25.4	25.5	25.5	25.6	25.6	25.7	25.7	25.7	25.7	25.6	25.6	25.5
10	24.4	24.4	24.4	24.5	24.5	24.7	24.8	24.9	25.0	25.2	25.3	25.5	25.6	25.6	25.6	25.5	25.4	25.3	25.2
15	23.6	23.6	23.6	23.7	23.8	24.0	24.2	24.3	24.5	24.7	24.9	25.1	25.3	25.3	25.3	25.2	25.0	24.9	24.7
20	22.2	22.2	22.2	22.3	22.5	22.7	22.9	23.1	23.3	23.6	23.9	24.2	24.5	24.5	24.4	24.3	24.1	24.0	23.7
25	21.1	21.1	21.1	21.2	21.3	21.5	21.8	22.0	22.3	22.6	23.0	23.3	23.7	23.7	23.6	23.4	23.2	23.0	22.8
30	19.1	19.1	19.1	19.2	19.3	19.5	19.8	20.0	20.3	20.8	21.2	21.5	22.0	22.0	22.0	21.7	21.5	21.3	21.0
35	17.7	17.6	17.6	17.6	17.8	18.0	18.2	18.5	18.8	19.3	19.7	20.1	20.6	20.6	20.5	20.3	20.1	19.9	19.6
40	15.3	15.2	15.2	15.2	15.3	15.5	15.7	16.0	16.3	16.8	17.2	17.6	18.0	18.1	18.0	17.8	17.6	17.4	17.2
45	13.6	13.6	13.6	13.6	13.6	13.8	14.1	14.3	14.6	15.1	15.4	15.7	16.1	16.2	16.2	16.0	15.8	15.7	15.4
50	11.3	11.3	11.2	11.2	11.3	11.5	11.7	11.9	12.2	12.5	12.8	13.0	13.3	13.3	13.4	13.3	13.2	13.1	12.9
55	9.84	9.86	9.85	9.87	9.93	10.1	10.3	10.5	10.6	10.9	11.1	11.3	11.5	11.5	11.6	11.6	11.6	11.5	11.4
60	7.80	7.89	7.96	8.04	8.14	8.31	8.45	8.58	8.67	8.82	8.92	8.95	9.04	9.17	9.30	9.34	9.41	9.45	9.46
65	6.55	6.69	6.80	6.96	7.09	7.28	7.40	7.50	7.53	7.59	7.59	7.56	7.60	7.75	7.95	8.06	8.20	8.29	8.33
70	4.75	4.97	5.16	5.43	5.65	5.87	6.00	6.03	5.96	5.91	5.81	5.68	5.60	5.84	6.12	6.36	6.62	6.76	6.83
75	3.58	3.84	4.11	4.46	4.74	4.98	5.10	5.11	4.98	4.84	4.67	4.48	4.37	4.64	4.97	5.26	5.59	5.79	5.85
80	1.81	2.15	2.51	2.96	3.33	3.61	3.73	3.71	3.51	3.29	2.99	2.71	2.52	2.83	3.25	3.63	4.03	4.26	4.35
85	0.63	1.00	1.43	1.96	2.38	2.71	2.84	2.86	2.65	2.32	1.87	1.49	1.25	1.59	2.05	2.51	2.96	3.24	3.37
90	0.00	0.00	0.46	1.06	1.57	1.92	2.07	2.03	1.78	1.32	0.76	0.13	0.00	0.04	0.65	1.25	1.64	2.14	2.40
95	0.00	0.00	0.45	1.02	1.47	1.76	1.86	1.78	1.50	1.03	0.53	0.00	0.00	0.00	0.52	1.01	1.34	1.67	2.08
100	0.00	0.00	0.46	1.05	1.52	1.84	1.93	1.82	1.46	0.86	0.46	0.00	0.00	0.00	0.46	0.89	1.36	1.65	2.09
105	0.00	0.00	0.45	1.03	1.53	1.84	1.94	1.83	1.34	0.83	0.48	0.00	0.00	0.00	0.50	1.00	1.16	1.66	2.11
110	0.00	0.00	0.40	0.97	1.47	1.80	1.90	1.77	1.16	0.87	0.45	0.00	0.00	0.00	0.44	1.05	1.47	1.61	2.10
115	0.00	0.00	0.34	0.90	1.41	1.74	1.84	1.48	1.19	0.83	0.36	0.00	0.00	0.00	0.36	0.84	1.44	1.31	1.96
120	0.00	0.00	0.20	0.78	1.26	1.58	1.66	1.37	1.03	0.64	0.24	0.00	0.00	0.00	0.23	0.65	1.14	1.14	1.68
125	0.00	0.00	0.10	0.65	1.14	1.45	1.53	1.24	0.83	0.51	0.16	0.00	0.00	0.00	0.15	0.53	0.94	1.33	1.55
130	0.00	0.00	0.00	0.42	0.89	1.21	1.27	0.93	0.63	0.34	0.04	0.00	0.00	0.00	0.01	0.36	0.67	1.09	1.32
135	0.00	0.00	0.00	0.30	0.72	1.02	1.08	0.68	0.48	0.21	0.00	0.00	0.00	0.00	0.00	0.25	0.52	0.84	1.16
140	0.00	0.00	0.00	0.11	0.45	0.73	0.77	0.36	0.26	0.08	0.00	0.00	0.00	0.00	0.00	0.05	0.31	0.56	0.93
145	0.00	0.00	0.00	0.01	0.28	0.53	0.57	0.18	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.37	0.75
150	0.00	0.00	0.00	0.00	0.06	0.26	0.29	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.46
155	0.00	0.00	0.00	0.00	0.00	0.09	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
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:2018-09-03

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-RGBW(2700K)-56-5050-1M-B	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	25.5	25.5	25.5	25.5	25.5														
5	25.5	25.4	25.4	25.3	25.3														
10	25.1	25.0	24.8	24.7	24.5														
15	24.6	24.4	24.2	24.0	23.8														
20	23.5	23.3	23.1	22.8	22.5														
25	22.5	22.4	22.1	21.8	21.4														
30	20.8	20.6	20.3	20.0	19.6														
35	19.4	19.2	18.9	18.6	18.1														
40	17.0	16.9	16.6	16.3	15.8														
45	15.3	15.3	15.0	14.7	14.2														
50	12.9	12.9	12.7	12.4	11.9														
55	11.4	11.4	11.2	10.9	10.5														
60	9.31	9.37	9.17	8.89	8.47														
65	8.16	8.20	7.97	7.67	7.22														
70	6.66	6.62	6.34	5.95	5.45														
75	5.71	5.61	5.28	4.84	4.29														
80	4.28	4.14	3.71	3.20	2.56														
85	3.33	3.16	2.70	2.10	1.41														
90	2.39	2.16	1.64	0.95	0.18														
95	2.06	1.80	1.30	0.67	0.05														
100	2.00	1.73	1.26	0.67	0.08														
105	2.03	1.75	1.29	0.69	0.09														
110	2.01	1.74	1.28	0.71	0.09														
115	1.98	1.70	1.25	0.68	0.05														
120	1.85	1.59	1.17	0.62	0.00														
125	1.74	1.49	1.09	0.57	0.00														
130	1.53	1.31	0.94	0.44	0.00														
135	1.37	1.16	0.83	0.35	0.00														
140	1.12	0.95	0.60	0.23	0.00														
145	0.96	0.78	0.46	0.15	0.00														
150	0.68	0.52	0.29	0.03	0.00														
155	0.50	0.37	0.16	0.00	0.00														
160	0.29	0.17	0.02	0.00	0.00														
165	0.14	0.05	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:2018-09-03

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: