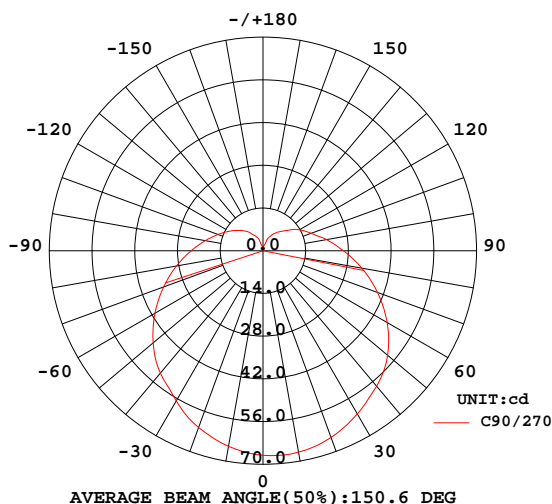


LUMINAIRE PHOTOMETRIC TEST REPORT

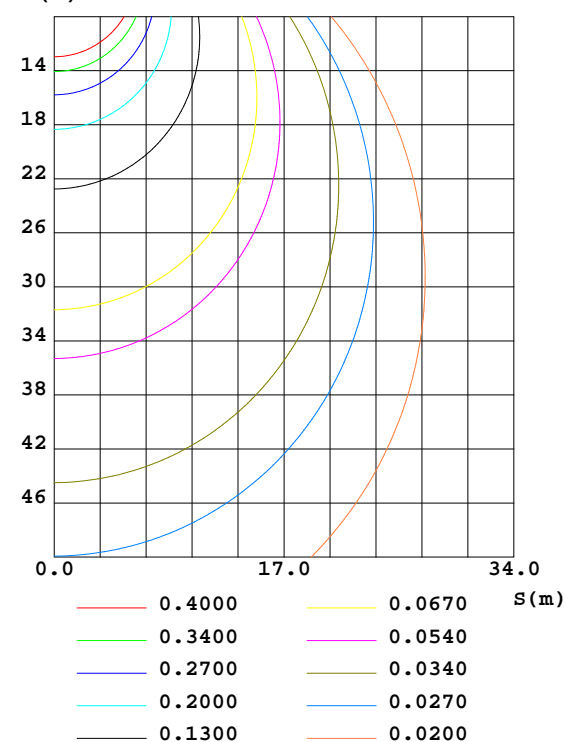
NAME: C-SFR-F21S-HB-D24CC-RGB-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 25.78 lm/W
MODEL	5050	Imax(cd)	67.31	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	12	LOR(%)	121.8	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	292.31	η UP,DN(C0-180)	10.4,48.2	
NOMINAL FLUX(lm)	240	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	11.1,52.1	
LAMPS INSIDE	1	η up(%)	21.5	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down(%)	100.3	CIBSE SHR MAX	1.50	

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:shan
Test Date:2018-09-11

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	65.53	64.99	65.07	65.41	65.86	66.78	67.02	66.32	0- 10	6.343	6.343	2.17,2.64
20	61.41	61.00	61.68	61.73	62.04	64.21	65.14	63.36	10- 20	18.20	24.54	8.4,10.2
30	54.99	55.42	56.85	56.43	55.94	59.61	61.79	58.48	20- 30	27.77	52.31	17.9,21.8
40	46.81	48.88	52.33	50.01	47.97	53.59	57.94	52.35	30- 40	34.07	86.38	29.6,36
50	37.47	42.04	46.99	43.41	38.85	47.07	53.32	45.80	40- 50	37.03	123.4	42.2,51.4
60	27.60	35.09	40.88	36.46	29.06	39.88	46.99	38.59	50- 60	36.49	159.9	54.7,66.6
70	17.55	28.11	34.68	29.56	19.12	32.46	39.93	31.00	60- 70	32.96	192.9	66,80.4
80	7.486	21.72	28.81	23.09	9.067	25.15	32.88	23.83	70- 80	27.20	220.1	75.3,91.7
90	1.019	16.58	23.53	17.64	1.149	18.36	26.40	17.91	80- 90	20.64	240.7	82.3,100
100	1.038	12.99	19.22	13.22	1.017	12.77	21.16	13.90	90-100	15.35	256.1	87.6,107
110	0.9877	10.53	15.67	9.806	1.002	10.25	16.84	11.23	100-110	11.64	267.7	91.6,112
120	0.9463	8.718	12.83	7.456	0.9699	7.848	13.76	9.358	110-120	8.799	276.5	94.6,115
130	0.9344	7.174	10.44	5.270	0.9870	5.854	10.42	7.921	120-130	6.377	282.9	96.8,118
140	0.9020	5.813	8.321	3.846	0.9877	4.125	8.144	6.501	130-140	4.311	287.2	98.2,120
150	1.064	4.441	5.923	2.885	1.195	3.159	6.205	5.190	140-150	2.747	289.9	99.2,121
160	1.203	3.277	4.110	2.262	1.360	2.573	3.819	3.920	150-160	1.556	291.5	99.7,121
170	1.357	2.010	1.422	1.865	1.446	2.177	1.611	2.442	160-170	0.6712	292.2	99.9,122
180	1.514	1.379	0.7323	1.257	1.505	1.377	0.7323	1.271	170-180	0.1540	292.3	100,122
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

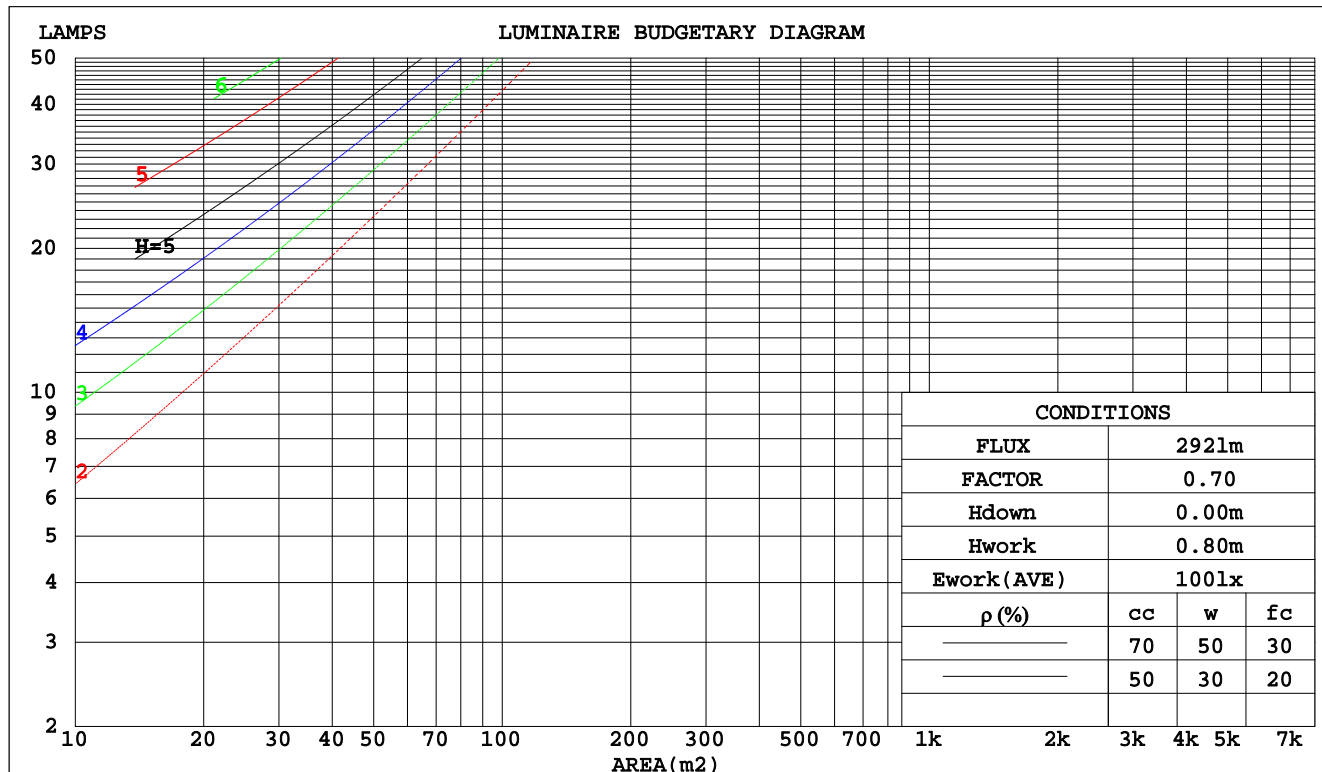
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:
MFR.:	SUR.:16*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	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.40	1.40	1.40	1.34	1.34	1.34	1.23	1.23	1.23	1.14	1.14	1.14	1.05	1.05	1.05	1.00
1.0	1.17	1.11	1.05	1.12	1.06	1.01	1.03	.98	.94	.94	.91	.87	.86	.84	.81	.77
2.0	1.00	.91	.83	.96	.87	.80	.88	.81	.75	.81	.75	.70	.74	.69	.65	.61
3.0	.87	.76	.67	.83	.73	.65	.77	.68	.61	.70	.63	.58	.64	.59	.54	.50
4.0	.76	.65	.56	.73	.63	.55	.67	.59	.52	.62	.55	.49	.57	.51	.46	.42
5.0	.68	.56	.48	.65	.55	.47	.60	.51	.44	.55	.48	.42	.51	.44	.39	.36
6.0	.61	.49	.41	.58	.48	.40	.54	.45	.38	.50	.42	.36	.46	.39	.34	.31
7.0	.55	.44	.36	.53	.43	.35	.49	.40	.34	.45	.38	.32	.42	.35	.30	.27
8.0	.50	.39	.32	.48	.38	.31	.45	.36	.30	.42	.34	.28	.39	.32	.27	.24
9.0	.46	.35	.29	.44	.34	.28	.41	.33	.27	.38	.31	.25	.36	.29	.24	.22
10.0	.42	.32	.26	.41	.31	.25	.38	.30	.24	.35	.28	.23	.33	.27	.22	.20



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*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	.462	.263	.083	.447	.255	.081	.418	.240	.077	.391	.226	.072	.367	.213	.069		
2.0	.402	.220	.068	.388	.214	.066	.362	.201	.062	.338	.190	.059	.316	.179	.056		
3.0	.358	.190	.057	.345	.185	.056	.322	.174	.053	.300	.164	.050	.280	.155	.048		
4.0	.322	.167	.049	.311	.163	.048	.290	.154	.046	.270	.145	.044	.252	.137	.042		
5.0	.293	.149	.043	.283	.145	.042	.264	.137	.040	.246	.130	.039	.229	.122	.037		
6.0	.269	.135	.039	.260	.131	.038	.242	.124	.036	.226	.117	.034	.210	.111	.033		
7.0	.248	.123	.035	.240	.119	.034	.224	.113	.033	.209	.107	.031	.194	.101	.030		
8.0	.230	.113	.032	.223	.110	.031	.208	.104	.030	.194	.098	.028	.181	.093	.027		
9.0	.215	.104	.029	.208	.101	.028	.194	.096	.027	.181	.091	.026	.169	.086	.025		
10.0	.201	.096	.027	.194	.094	.026	.182	.089	.025	.170	.084	.024	.159	.080	.023		

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	.396	.396	.396	.338	.338	.338	.231	.231	.231	.133	.133	.133	.042	.042	.042	
1.0	.391	.355	.322	.334	.304	.277	.229	.209	.192	.132	.121	.112	.042	.039	.036	
2.0	.382	.327	.280	.327	.281	.242	.224	.195	.169	.129	.113	.099	.042	.037	.032	
3.0	.373	.307	.254	.320	.264	.220	.220	.184	.154	.127	.107	.091	.041	.035	.030	
4.0	.364	.291	.236	.312	.252	.205	.215	.175	.144	.124	.103	.085	.040	.033	.028	
5.0	.354	.279	.224	.304	.242	.195	.210	.169	.138	.121	.099	.082	.039	.032	.027	
6.0	.345	.270	.215	.297	.234	.188	.205	.163	.133	.119	.096	.079	.038	.031	.026	
7.0	.337	.262	.209	.290	.227	.182	.200	.159	.129	.116	.094	.077	.038	.031	.025	
8.0	.329	.255	.204	.283	.221	.178	.196	.155	.126	.114	.092	.075	.037	.030	.025	
9.0	.321	.249	.200	.276	.216	.175	.192	.152	.124	.112	.090	.074	.036	.029	.025	
10.0	.314	.244	.197	.271	.212	.172	.188	.149	.122	.109	.088	.073	.035	.029	.024	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB						WEIGHT:0.490KG/M				
DIM.: 11.5*29mm						SPEC.:				
MFR.:						SUR.:16*1000mm				
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						17.3	18.7	17.8	19.2	19.7
4H						19.8	21.1	20.3	21.6	22.2
6H						21.2	22.4	21.7	22.9	23.5
8H						22.7	23.8	23.3	24.4	25.0
12H						23.6	24.6	24.1	25.2	25.9
18H						24.5	25.6	25.1	26.2	26.9
24H						25.4	26.5	26.0	27.1	27.8
30H						26.3	27.4	26.9	28.0	28.7
36H						27.2	28.3	27.8	28.9	29.6
42H						28.1	29.2	28.7	29.8	30.5
48H						29.0	30.1	29.6	30.7	31.4
54H						29.9	31.0	30.5	31.6	32.3
60H						30.8	31.9	31.4	32.5	33.2
66H						31.7	32.8	32.3	33.4	34.1
72H						32.6	33.7	33.2	34.3	35.0
78H						33.5	34.6	34.1	35.2	35.9
84H						34.4	35.5	35.0	36.1	36.8
90H						35.3	36.4	35.9	37.0	37.7
96H						36.2	37.3	36.8	37.9	38.6
102H						37.1	38.2	37.7	38.8	39.5
108H						38.0	39.1	38.6	39.7	40.4
114H						38.9	40.0	39.5	40.6	41.3
120H						39.8	40.9	40.4	41.5	42.2
126H						40.7	41.8	41.3	42.4	43.1
132H						41.6	42.7	42.2	43.3	44.0
138H						42.5	43.6	43.1	44.2	44.9
144H						43.4	44.5	44.0	45.1	45.8
150H						44.3	45.4	44.9	46.0	46.7
156H						45.2	46.3	45.8	46.9	47.6
162H						46.1	47.2	46.7	47.8	48.5
168H						47.0	48.1	47.6	48.7	49.4
174H						47.9	49.0	48.5	49.6	50.3
180H						48.8	49.9	49.4	50.5	51.2
186H						49.7	50.8	50.3	51.4	52.1
192H						50.6	51.7	51.2	52.3	53.0
198H						51.5	52.6	52.1	53.2	53.9
204H						52.4	53.5	53.0	54.1	54.8
210H						53.3	54.4	53.9	55.0	55.7
216H						54.2	55.3	54.8	55.9	56.6
222H						55.1	56.2	55.7	56.8	57.5
228H						56.0	57.1	56.6	57.7	58.4
234H						56.9	58.0	57.5	58.6	59.3
240H						57.8	58.9	58.4	59.5	60.2
246H						58.7	59.8	59.3	60.4	61.1
252H						59.6	60.7	60.2	61.3	62.0
258H						60.5	61.6	61.1	62.2	62.9
264H						61.4	62.5	62.0	63.1	63.8
270H						62.3	63.4	62.9	64.0	64.7
276H						63.2	64.3	63.8	64.9	65.6
282H						64.1	65.2	64.7	65.8	66.5
288H						65.0	66.1	65.6	66.7	67.4
294H						65.9	67.0	66.5	67.6	68.3
300H						66.8	67.9	67.4	68.5	69.2
306H						67.7	68.8	68.3	69.4	70.1
312H						68.6	69.7	69.2	70.3	71.0
318H						69.5	70.6	70.1	71.2	71.9
324H						70.4	71.5	71.0	72.1	72.8
330H						71.3	72.4	71.9	73.0	73.7
336H						72.2	73.3	72.8	73.9	74.6
342H						73.1	74.2	73.7	74.8	75.5
348H						74.0	75.1	74.6	75.7	76.4
354H						74.9	76.0	75.4	76.6	77.3
360H						75.8	76.9	76.4	77.5	78.2
366H						76.7	77.8	77.3	78.4	79.1
372H						77.6	78.7	78.2	79.3	80.0
378H						78.5	79.6	79.1	80.2	80.9
384H						79.4	80.5	80.0	81.1	81.8
390H						80.3	81.4	80.9	82.0	82.7
396H						81.2	82.3	81.8	82.9	83.6
402H						82.1	83.2	82.7	83.8	84.5
408H						83.0	84.1	83.6	84.7	85.4
414H						83.9	85.0	84.4	85.6	86.3
420H						84.8	85.9	85.4	86.5	87.2
426H						85.7	86.8	86.3	87.4	88.1
432H						86.6	87.7	87.2	88.3	89.0
438H						87.5	88.6	88.1	89.2	89.9
444H						88.4	89.5	89.0	90.1	90.8
450H						89.3	90.4	89.9	91.0	91.7
456H						90.2	91.3	90.8	91.9	92.6
462H						91.1	92.2	91.7	92.8	93.5
468H						92.0	93.1	92.6	93.7	94.4
474H						92.9	94.0	93.5	94.6	95.3
480H						93.8	94.9	94.4	95.5	96.2
486H						94.7	95.8	95.3	96.4	97.1
492H						95.6	96.7	96.2	97.3	98.0
498H						96.5	97.6	97.1	98.2	98.9
504H						97.4	98.5	98.0	99.1	99.8
510H						98.3	99.4	98.9	100.0	100.7
516H						99.2	100.3	99.8	100.9	101.6
522H						100.1	101.2	100.7	101.8	102.5
528H						101.0	102.1	101.6	102.7	103.4
534H						101.9	103.0	102.5	103.6	104.3
540H						102.8	103.9	103.4	104.5	105.2
546H						103.7	104.8	104.3	105.4	106.1
552H						104.6	105.7	105.2	106.3	107.0
558H						105.5	106.6	106.1	107.2	107.9
564H						106.4	107.5	107.0	108.1	108.8
570H						107.3	108.4	107.9	109.0	109.7
576H						108.2	109.3	108.8	109.9	110.6
582H						109.1	110.2	109.7	110.8	111.5
588H						110.0	111.1	110.6	111.7	112.4
594H						110.9	112.0	111.4	112.6	113.

UTILIZATION FACTORS TABLE

NAME: C-SFR-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*1000mm	PROTECTION ANGLE: /

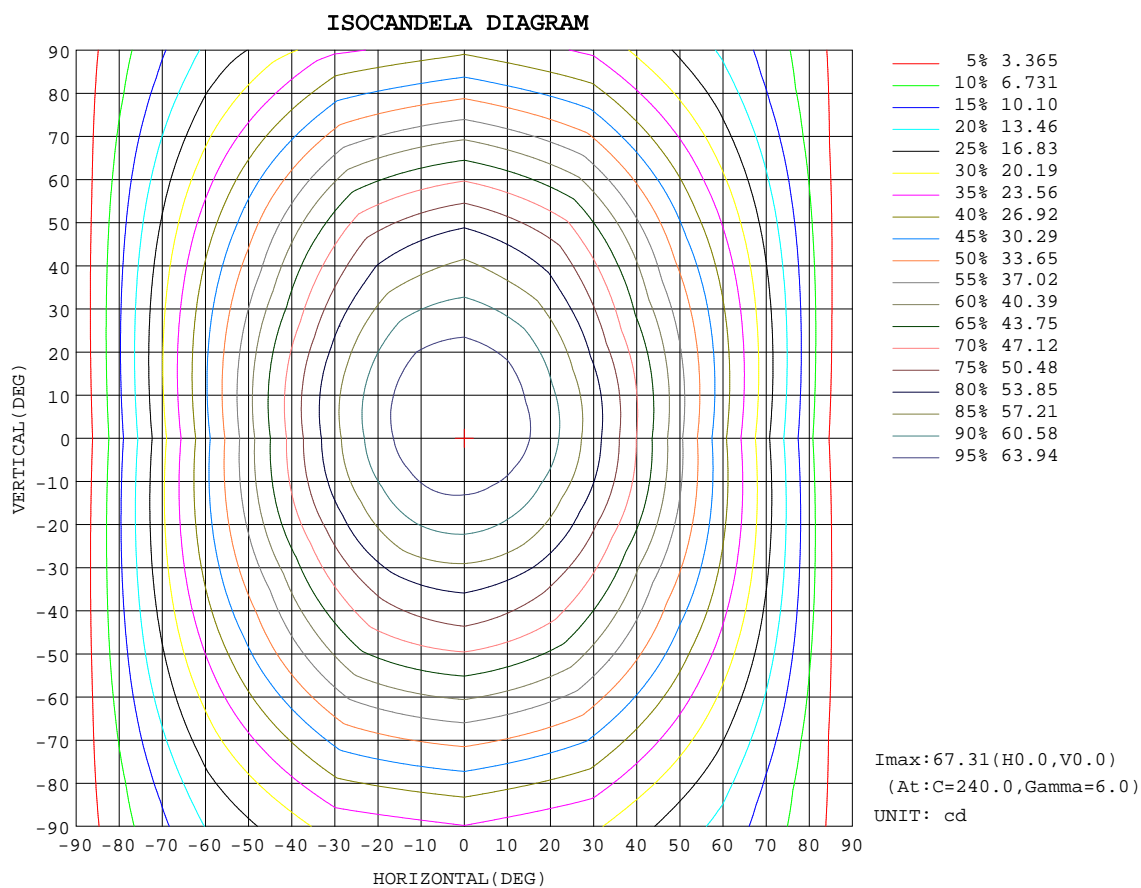
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	44	35	57	43	35	55	42	34	26
0.80	70	54	45	68	53	44	65	52	43	34
1.00	79	64	54	77	63	53	73	63	52	41
1.25	88	73	62	85	71	61	80	68	59	48
1.50	94	79	69	91	77	68	85	74	65	53
2.00	103	90	80	99	87	78	92	82	74	60
2.50	108	96	87	104	93	84	97	88	80	65
3.00	113	102	93	108	98	90	100	92	86	69
4.00	119	109	101	114	105	98	105	98	92	75
5.00	122	114	107	117	110	103	108	102	97	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*1000mm	PROTECTION ANGLE: /

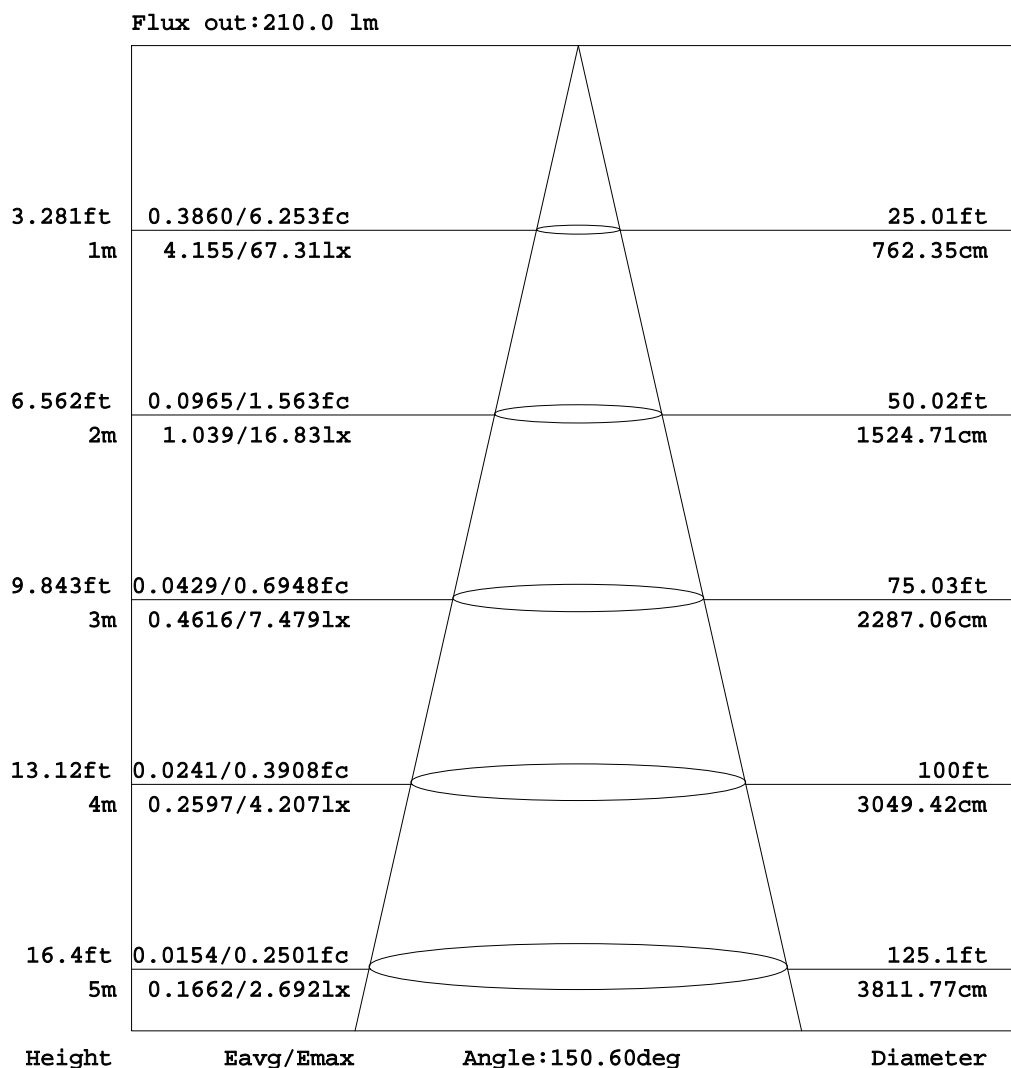


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*1000mm	PROTECTION ANGLE: /



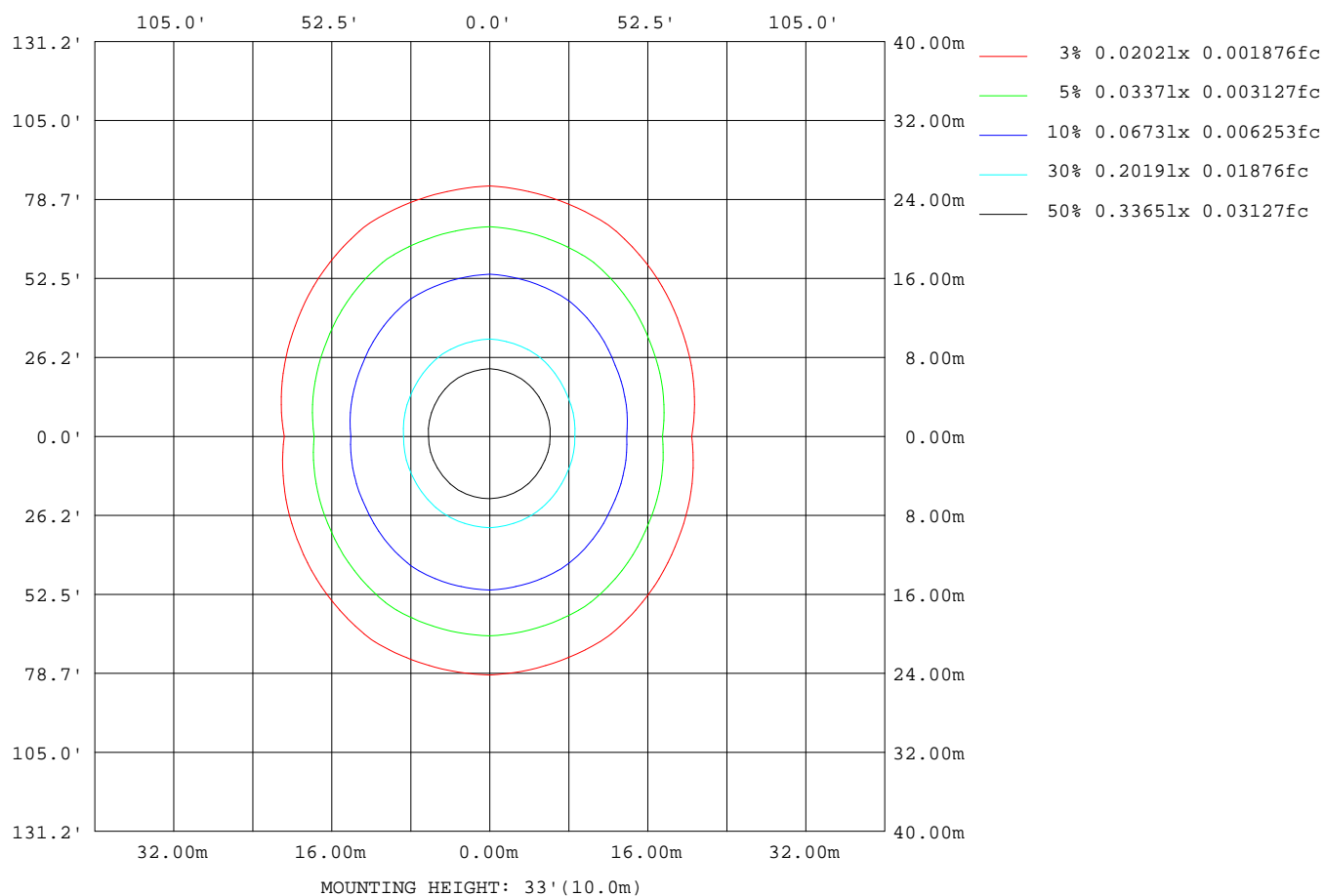
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*1000mm	PROTECTION ANGLE: /



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT:0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*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	240	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.016	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	3548	3612	3716	3860	4086	4323	4542	4670	4752	4791	4798	4757	4664	4464	4237	4016	3848	3738	3706
60	3450	3591	3765	3974	4256	4542	4801	4959	5061	5109	5116	5064	4949	4714	4442	4165	3906	3716	3633
65	3342	3581	3848	4143	4512	4876	5200	5398	5524	5581	5587	5521	5376	5088	4749	4392	4010	3713	3565
70	3207	3596	4004	4433	4936	5419	5842	6102	6266	6338	6343	6252	6057	5681	5231	4746	4184	3732	3493
75	3013	3674	4335	4996	5723	6402	6984	7341	7561	7653	7660	7533	7259	6740	6106	5406	4529	3805	3400
80	2694	3949	5146	6285	7442	8485	9356	9902	10235	10371	10379	10182	9756	8968	7985	6863	5328	4027	3263
85	2133	5159	7944	10488	12888	14973	16669	17762	18422	18682	18682	18269	17395	15857	13881	11541	8017	4957	3098

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	18682	200	---	500
Category 2	65 to 90	18682	200	---	500
Category 3	75 to 90	18682	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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-11

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-F21S-HB-D24CC-RGB-56-5050-1M-RGB	TYPE: /	WEIGHT: 0.490KG/M
DIM.: 11.5*29mm	SPEC.:	SERIAL No.:
MFR.:	SUR.: 16*1000mm	PROTECTION ANGLE: /

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0							
5	66.7	66.5	66.4	66.5	66.6	66.7	66.9	67.1	67.3	67.3	67.1	66.9							
10	65.5	65.1	64.9	65.1	65.3	65.5	65.9	66.5	67.1	67.0	66.6	66.0							
15	64.2	63.6	63.6	63.8	64.0	64.3	64.7	65.6	66.4	66.5	65.9	64.9							
20	61.4	60.8	61.2	61.7	61.7	61.7	62.0	63.5	65.0	65.1	64.2	62.5							
25	59.1	58.5	59.4	60.0	60.0	59.6	59.8	61.6	63.5	63.9	62.7	60.5							
30	55.0	54.7	56.1	56.9	56.9	55.9	55.9	58.2	61.0	61.8	60.0	56.9							
35	51.9	51.9	53.6	54.8	54.6	53.2	52.9	55.6	59.1	60.2	58.1	54.2							
40	46.8	47.4	50.4	52.3	51.1	48.9	48.0	51.2	55.9	57.9	55.0	49.7							
45	43.2	44.2	48.4	50.4	49.2	45.8	44.4	48.1	54.0	56.3	53.1	46.6							
50	37.5	39.2	44.9	47.0	45.9	40.9	38.9	43.3	50.8	53.3	49.8	41.8							
55	33.6	36.2	42.3	44.6	43.4	37.6	35.0	40.1	48.5	50.9	47.4	38.5							
60	27.6	31.8	38.4	40.9	39.6	33.3	29.1	35.4	44.4	47.0	43.2	34.0							
65	23.6	28.8	35.8	38.4	37.0	30.4	25.1	32.4	41.5	44.2	40.3	30.9							
70	17.6	24.3	32.0	34.7	33.1	26.0	19.1	27.7	37.2	39.9	35.9	26.1							
75	13.5	21.4	29.5	32.3	30.7	23.1	15.1	24.6	34.3	37.1	33.1	22.9							
80	7.49	17.5	26.0	28.8	27.1	19.1	9.07	20.1	30.2	32.9	29.1	18.6							
85	3.78	15.2	23.8	26.6	24.8	16.6	5.21	17.5	27.5	30.2	26.5	16.0							
90	1.02	12.4	20.8	23.5	21.7	13.6	1.15	14.0	22.7	26.4	22.9	12.9							
95	1.10	10.9	19.1	21.7	18.9	12.0	1.01	12.2	19.1	24.2	20.9	11.3							
100	1.04	9.28	16.7	19.2	17.0	9.41	1.02	9.45	16.1	21.2	18.2	9.61							
105	1.01	8.48	15.3	17.7	15.5	8.45	1.03	8.84	13.6	19.2	16.6	8.81							
110	0.99	7.56	13.5	15.7	12.3	7.36	1.00	7.79	12.7	16.8	14.6	7.87							
115	0.97	7.06	12.4	14.5	10.7	6.39	0.98	6.75	12.0	15.6	13.4	7.38							
120	0.95	6.40	11.0	12.8	9.59	5.32	0.97	5.53	10.2	13.8	11.9	6.79							
125	0.94	6.01	10.2	11.8	8.37	4.69	0.98	4.95	9.28	12.6	11.0	6.46							
130	0.93	5.32	9.04	10.4	6.70	3.84	0.99	4.25	7.46	10.4	9.81	6.03							
135	0.93	4.90	8.31	9.57	5.83	3.37	0.99	3.67	6.45	9.40	9.07	5.54							
140	0.90	4.35	7.28	8.32	4.81	2.89	0.99	3.09	5.17	8.14	8.08	4.92							
145	0.94	4.01	6.49	7.34	4.30	2.66	1.04	2.87	4.52	7.30	7.49	4.60							
150	1.06	3.43	5.46	5.92	3.29	2.48	1.19	2.77	3.55	6.21	6.31	4.07							
155	1.12	3.12	4.81	5.27	2.70	2.45	1.27	2.76	2.99	5.17	5.58	3.75							
160	1.20	2.61	3.94	4.11	2.18	2.34	1.36	2.66	2.49	3.82	4.73	3.11							
165	1.26	2.23	3.36	1.91	1.98	2.22	1.40	2.50	2.36	2.22	4.13	2.64							
170	1.36	1.57	2.45	1.42	1.84	1.89	1.45	2.15	2.21	1.61	2.99	1.89							
175	1.42	1.32	1.69	1.06	1.54	1.56	1.46	1.83	1.89	1.17	2.13	1.45							
180	1.51	1.46	1.30	0.73	1.22	1.29	1.51	1.45	1.30	0.73	1.24	1.30							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-11

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: