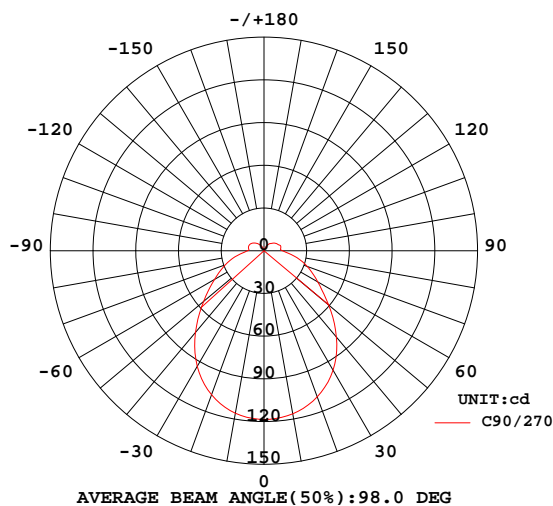


LUMINAIRE PHOTOMETRIC TEST REPORT

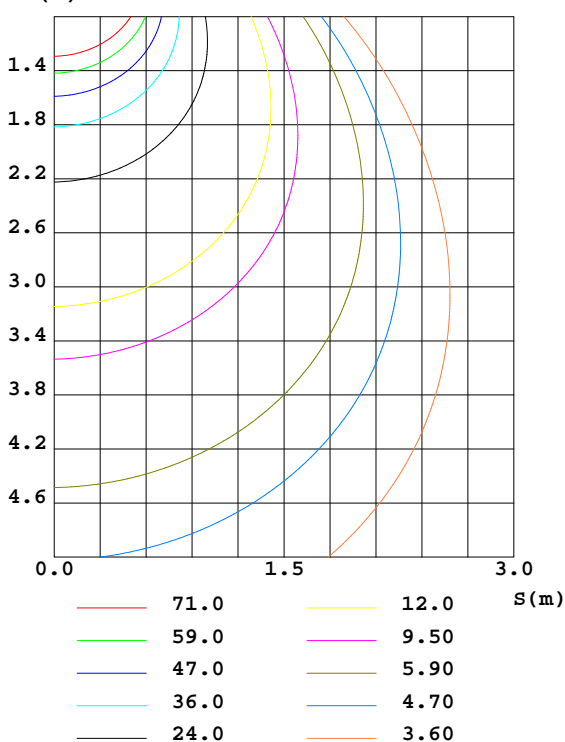
NAME: C-SFR-F16S-VB-D24CC-RGBW(2700K)-56-5050-1M-G	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.33 lm/W			
MODEL	5050	Imax(cd)	118.5	S/MH(C0/180)	1.19
NOMINAL POWER(W)	4.62	LOR(%)	118.4	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	343.41	η UP,DN(C0-180)	5.2,52.4
NOMINAL FLUX(lm)	290	CIE CLASS	DIRECT	η UP,DN(C180-360)	5.8,55.0
LAMPS INSIDE	1	η up(%)	11.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	107.4	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	115.3	115.6	115.9	116.1	116.8	116.5	116.3	116.2	0- 10	11.19	11.19	3.26,3.86
20	107.2	107.5	107.7	108.6	110.3	109.9	109.2	109.1	10- 20	31.86	43.06	12.5,14.8
30	94.01	93.78	93.71	95.25	98.20	97.55	96.98	96.88	20- 30	47.35	90.41	26.3,31.2
40	75.72	75.07	74.87	76.93	79.94	79.41	79.18	79.67	30- 40	54.45	144.9	42.2,50
50	55.67	55.17	55.43	57.21	58.98	59.11	59.38	60.36	40- 50	52.13	197.0	57.4,67.9
60	38.35	39.14	40.06	40.69	40.48	42.08	43.57	43.38	50- 60	43.86	240.8	70.1,83.1
70	24.11	26.93	28.96	27.94	25.86	29.40	32.33	30.34	60- 70	34.19	275.0	80.1,94.8
80	10.49	15.84	18.92	16.74	12.70	17.88	21.51	18.76	70- 80	23.88	298.9	87,103
90	0.0044	7.369	11.54	8.356	0.5812	8.045	13.07	9.767	80- 90	12.57	311.5	90.7,107
100	0.0822	7.332	11.10	6.235	0	6.639	12.03	8.427	90-100	7.373	318.9	92.9,110
110	0.2753	7.128	11.22	6.753	0.0335	7.466	11.75	8.551	100-110	7.143	326.0	94.9,112
120	0.4529	6.283	10.31	5.432	0.1031	5.574	10.13	8.006	110-120	6.238	332.2	96.8,115
130	0.6846	4.916	8.560	4.032	0.1880	4.064	8.459	6.915	120-130	4.756	337.0	98.1,116
140	0.8726	3.273	6.311	2.838	0.2681	2.580	6.633	5.296	130-140	3.170	340.2	99.1,117
150	1.081	2.073	4.005	1.984	0.5667	1.750	4.302	3.680	140-150	1.838	342.0	99.6,118
160	1.174	1.344	2.095	1.511	0.8190	1.688	1.587	2.350	150-160	0.9193	342.9	99.9,118
170	1.218	1.054	0.8773	0.9128	1.048	1.453	0.8242	1.261	160-170	0.3816	343.3	100,118
180	1.200	1.224	0.4666	0.6882	1.208	1.224	0.4588	0.6986	170-180	0.0947	343.4	100,118
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

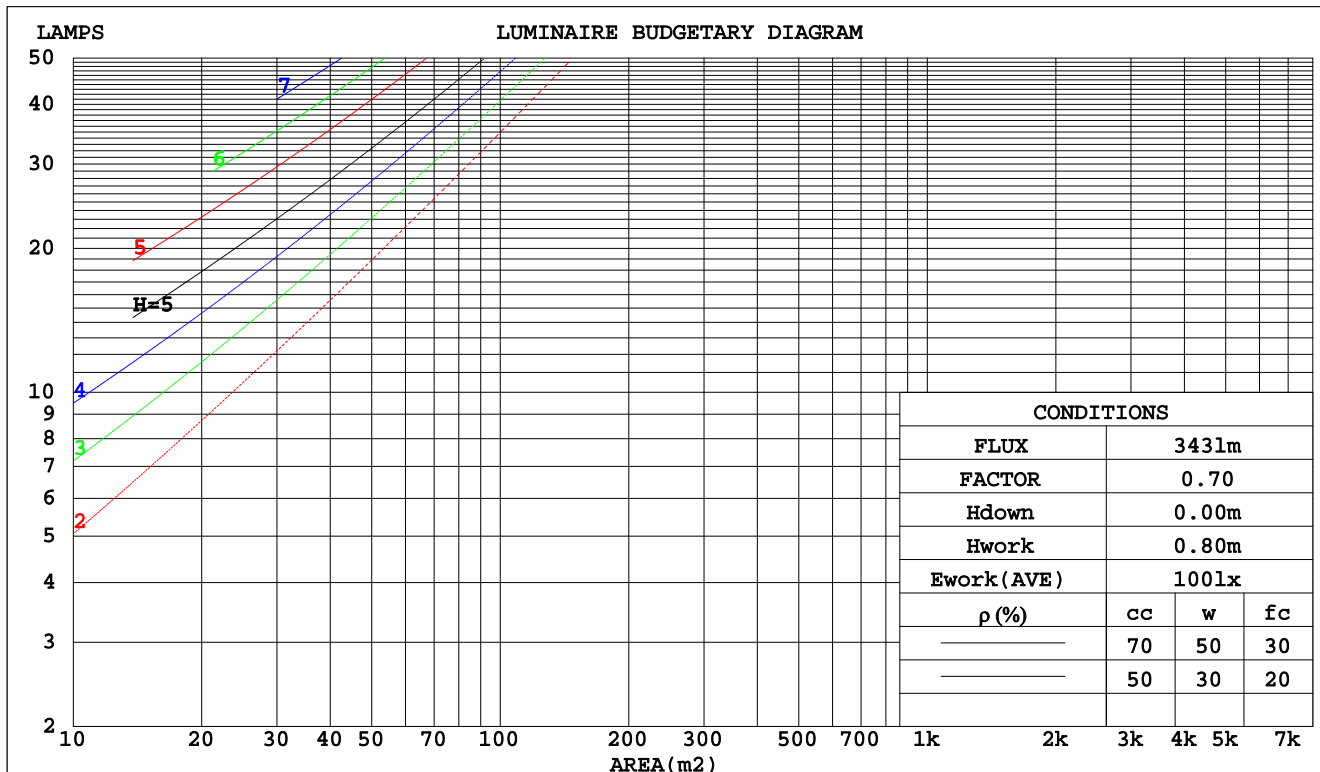
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-RGBW(2700K)-56-5050-1M-G	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	1.38	1.38	1.38	1.34	1.34	1.34	1.25	1.25	1.25	1.18	1.18	1.18	1.11	1.11	1.11	1.07
1.0	1.20	1.14	1.10	1.16	1.11	1.07	1.09	1.05	1.01	1.02	.99	.96	.96	.94	.92	.88
2.0	1.04	.96	.89	1.01	.94	.87	.95	.89	.84	.90	.85	.80	.85	.80	.77	.74
3.0	.92	.82	.74	.89	.80	.73	.84	.77	.70	.79	.73	.68	.75	.70	.65	.62
4.0	.82	.71	.63	.79	.70	.62	.75	.67	.60	.71	.64	.58	.67	.61	.56	.54
5.0	.73	.63	.55	.71	.61	.54	.67	.59	.52	.64	.57	.51	.61	.54	.49	.47
6.0	.66	.56	.48	.64	.54	.47	.61	.52	.46	.58	.51	.45	.55	.49	.44	.41
7.0	.60	.50	.43	.58	.49	.42	.56	.47	.41	.53	.46	.40	.51	.44	.39	.36
8.0	.55	.45	.38	.53	.44	.38	.51	.43	.37	.49	.41	.36	.47	.40	.35	.33
9.0	.50	.41	.34	.49	.40	.34	.47	.39	.33	.45	.38	.32	.43	.37	.32	.30
10.0	.46	.37	.31	.45	.37	.31	.44	.36	.30	.42	.35	.30	.40	.34	.29	.27



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-RGBW(2700K)-56-5050-1M-G	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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.381	.217	.069	.369	.211	.067	.347	.199	.064	.327	.189	.061	.309	.179	.058		
2.0	.347	.190	.058	.336	.185	.057	.317	.176	.055	.299	.167	.052	.282	.159	.050		
3.0	.316	.168	.050	.307	.164	.050	.289	.157	.048	.273	.150	.046	.258	.143	.044		
4.0	.290	.151	.044	.282	.147	.044	.266	.141	.042	.251	.135	.041	.237	.129	.039		
5.0	.267	.136	.039	.260	.133	.039	.245	.128	.038	.232	.122	.036	.220	.117	.035		
6.0	.247	.124	.035	.240	.121	.035	.228	.117	.034	.216	.112	.033	.204	.108	.032		
7.0	.230	.114	.032	.224	.111	.032	.212	.107	.031	.201	.103	.030	.191	.099	.029		
8.0	.215	.105	.029	.209	.103	.029	.198	.099	.028	.188	.095	.028	.179	.092	.027		
9.0	.201	.097	.027	.196	.096	.027	.186	.092	.026	.177	.089	.025	.168	.086	.025		
10.0	.189	.091	.025	.184	.089	.025	.176	.086	.024	.167	.083	.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	.309	.309	.309	.264	.264	.264	.180	.180	.180	.104	.104	.104	.033	.033	.033	
1.0	.299	.269	.243	.256	.231	.209	.175	.159	.144	.101	.092	.084	.032	.030	.027	
2.0	.289	.241	.201	.248	.208	.174	.170	.144	.121	.098	.084	.071	.031	.027	.023	
3.0	.280	.221	.174	.240	.191	.151	.165	.132	.106	.095	.077	.062	.031	.025	.020	
4.0	.270	.205	.156	.232	.177	.135	.160	.124	.095	.092	.072	.056	.030	.024	.019	
5.0	.262	.193	.143	.225	.167	.124	.155	.117	.088	.090	.069	.052	.029	.022	.017	
6.0	.253	.184	.134	.217	.159	.116	.150	.111	.082	.087	.065	.049	.028	.021	.016	
7.0	.245	.175	.127	.211	.152	.110	.146	.107	.078	.085	.063	.047	.027	.021	.015	
8.0	.237	.169	.122	.204	.146	.106	.141	.103	.075	.082	.061	.045	.027	.020	.015	
9.0	.230	.163	.117	.198	.141	.102	.137	.099	.073	.080	.059	.043	.026	.019	.014	
10.0	.224	.158	.114	.193	.137	.100	.134	.097	.071	.078	.057	.042	.025	.019	.014	

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-RGBW(2700K)-56-5050-1M-G						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						17.6	19.0	18.0	19.3	19.7
4H						17.7	19.1	18.1	19.4	19.8
6H						19.4	20.3	19.5	20.7	21.1
8H						20.3	21.5	20.8	22.0	22.4
12H						21.3	22.4	21.7	22.8	23.3
2H						21.7	22.8	22.2	23.3	23.8
3H						22.2	23.3	22.7	23.7	24.2
4H						22.2	23.3	22.7	23.7	24.2
6H						18.2	19.4	18.6	19.8	20.2
8H						20.2	21.3	20.7	21.7	22.2
12H						21.3	22.3	21.8	22.7	23.3
2H						22.4	23.3	23.0	23.8	24.3
3H						23.0	23.8	23.5	24.3	24.9
4H						23.6	24.3	24.2	24.9	25.5
6H						21.0	21.8	21.6	22.4	22.9
8H						23.0	23.6	23.6	24.2	24.8
12H						23.7	24.3	24.3	24.9	25.5
2H						24.5	25.0	25.1	25.6	26.3
3H						21.1	21.8	21.7	22.4	23.0
4H						23.1	23.7	23.7	24.2	24.9
6H						22.4	22.9	23.0	23.5	24.2
8H						23.9	24.4	24.5	25.0	25.6
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 290.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.3)

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

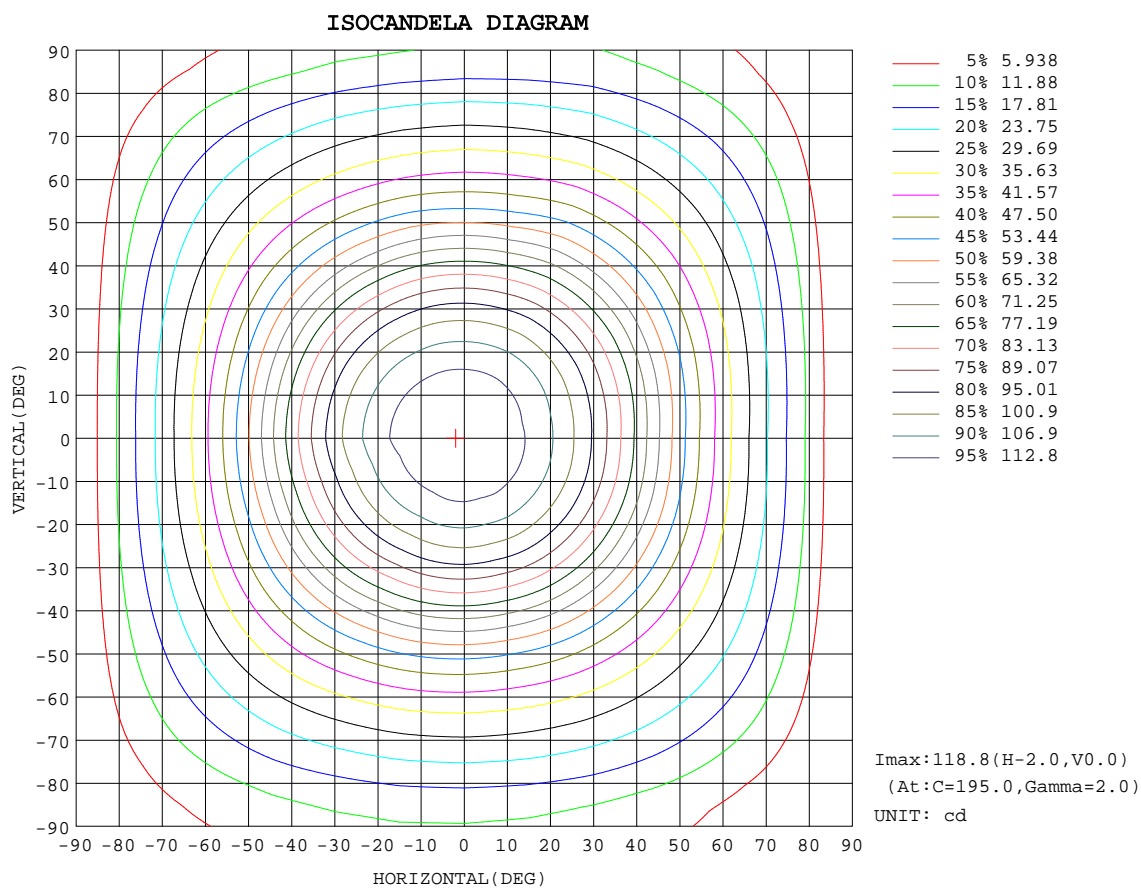
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	66	53	45	65	52	44	63	51	44	37
0.80	78	64	55	76	63	55	73	62	54	46
1.00	87	73	65	85	72	64	82	73	63	54
1.25	95	82	73	93	81	73	88	78	71	61
1.50	101	88	80	98	87	79	93	84	77	67
2.00	108	98	90	106	96	88	100	92	86	74
2.50	113	103	96	110	101	94	104	97	91	79
3.00	117	108	101	114	106	99	107	101	95	83
4.00	122	114	108	118	111	106	111	106	101	88
5.00	125	118	113	121	115	110	114	109	105	91
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-RGBW(2700K)-56-5050-1M-G	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SERIAL No.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

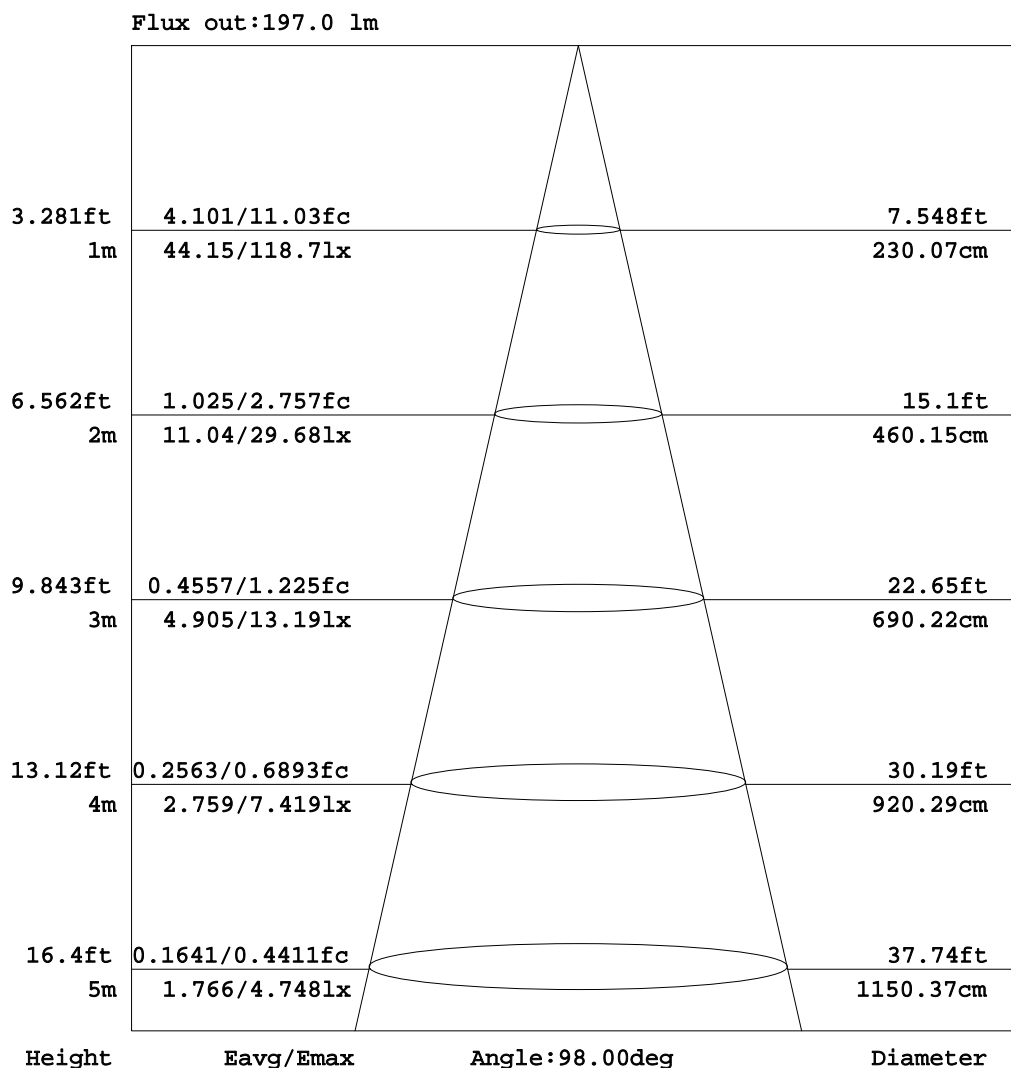


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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



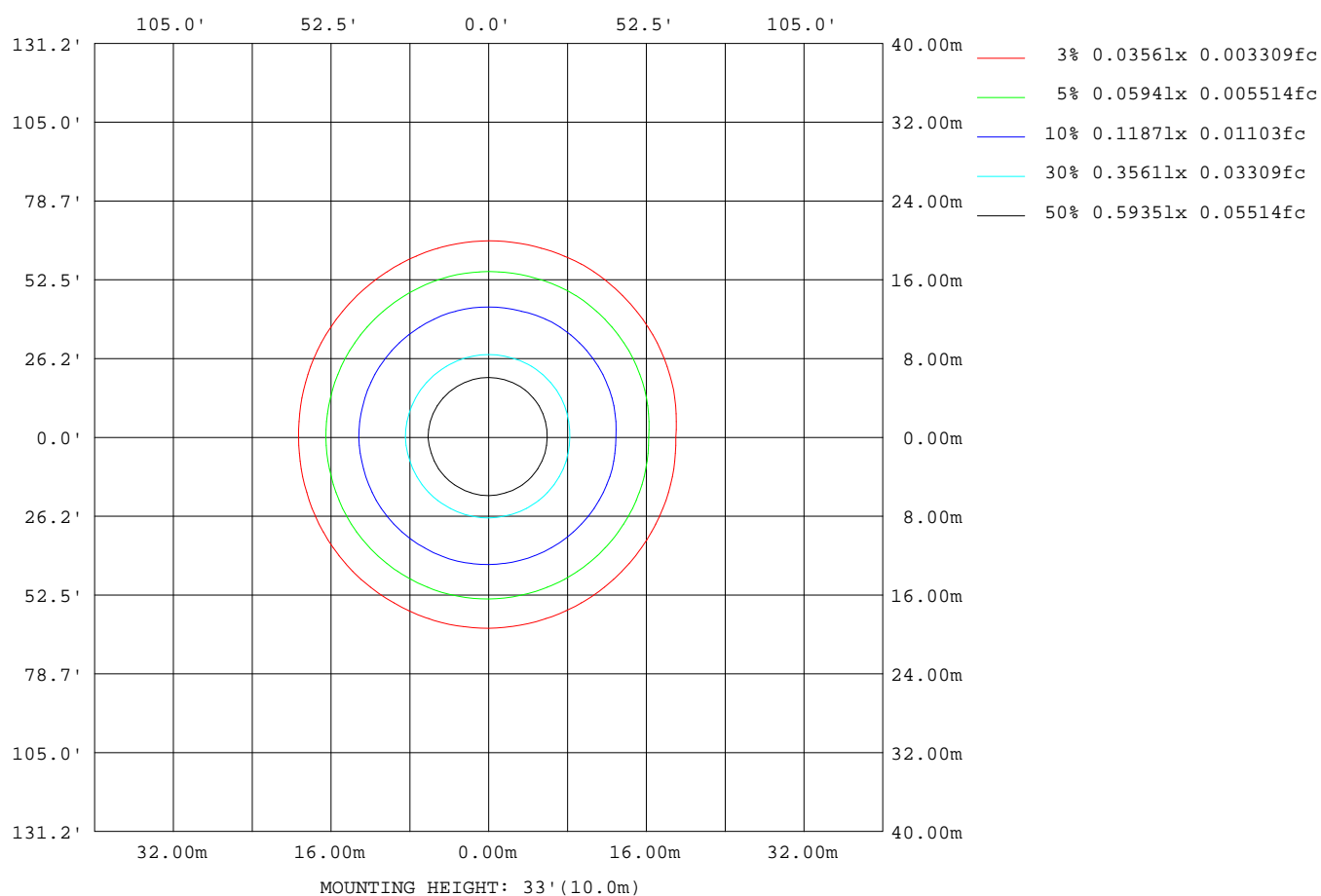
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-RGBW(2700K)-56-5050-1M-G	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:2018-09-01

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-RGBW(2700K)-56-5050-1M-G	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	290	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	5233	5258	5260	5246	5239	5243	5254	5251	5264	5295	5324	5349	5374	5421	5461	5484	5489	5508	5541
60	4949	4995	5017	5022	5039	5065	5095	5111	5135	5169	5192	5203	5208	5237	5255	5253	5237	5222	5223
65	4735	4814	4867	4905	4963	5028	5091	5139	5180	5214	5230	5219	5193	5189	5171	5130	5080	5031	5011
70	4548	4681	4790	4890	5014	5146	5269	5355	5420	5462	5461	5419	5351	5300	5228	5132	5034	4934	4879
75	4317	4537	4751	4968	5219	5463	5674	5827	5932	5985	5970	5886	5752	5630	5470	5276	5097	4917	4809
80	3899	4289	4703	5144	5641	6106	6490	6767	6947	7030	7008	6857	6606	6361	6039	5649	5283	4928	4719
85	2790	3670	4664	5775	7055	8224	9165	9881	10341	10561	10630	10379	9806	9079	8113	6992	5957	5000	4434

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	10630	200	---	500
Category 2	65 to 90	10630	200	---	500
Category 3	75 to 90	10630	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-RGBW(2700K)-56-5050-1M-G	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	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
5	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
10	115	115	115	116	116	116	116	116	116	116	116	116	117	117	117	117	116	116	116
15	113	113	113	113	113	113	113	113	113	114	114	114	115	115	115	114	114	114	114
20	107	107	107	107	108	107	108	108	108	109	109	110	110	110	110	110	109	110	109
25	103	103	103	103	103	102	103	103	103	104	105	105	106	106	106	106	105	105	105
30	94.0	94.1	94.0	93.8	93.7	93.4	93.7	93.8	94.2	95.2	96.1	96.8	98.2	98.1	98.0	97.6	97.1	97.2	97.0
35	87.2	87.3	87.0	86.8	86.6	86.3	86.6	86.8	87.2	88.4	89.3	90.1	91.6	91.5	91.3	90.9	90.5	90.5	90.4
40	75.7	75.8	75.3	75.1	74.8	74.6	74.9	75.2	75.7	76.9	77.8	78.7	79.9	79.9	79.8	79.4	79.1	79.4	79.2
45	67.7	67.7	67.3	66.9	66.7	66.5	66.8	67.3	67.8	68.9	69.8	70.4	71.6	71.5	71.5	71.2	70.9	71.3	71.3
50	55.7	55.8	55.4	55.2	55.2	55.0	55.4	55.8	56.3	57.2	57.9	58.2	59.0	59.1	59.2	59.1	59.0	59.5	59.4
55	48.3	48.5	48.3	48.2	48.3	48.2	48.6	49.0	49.4	50.1	50.5	50.6	51.2	51.3	51.7	51.7	51.9	52.4	52.1
60	38.4	38.8	38.9	39.1	39.5	39.7	40.1	40.3	40.4	40.7	40.7	40.5	40.5	41.0	41.6	42.1	42.5	43.3	43.6
65	32.4	33.1	33.4	33.9	34.5	34.9	35.3	35.4	35.2	35.3	35.0	34.5	34.3	35.0	35.9	36.6	37.4	38.4	38.8
70	24.1	25.1	25.9	26.9	27.9	28.6	29.0	28.9	28.4	27.9	27.2	26.4	25.9	26.9	28.1	29.4	30.7	31.7	32.3
75	18.7	19.9	21.1	22.5	23.8	24.6	25.0	24.8	24.1	23.4	22.4	21.4	20.6	21.8	23.3	24.9	26.4	27.6	28.2
80	10.5	12.1	13.8	15.8	17.5	18.5	18.9	18.7	17.8	16.7	15.2	13.8	12.7	14.1	16.1	17.9	19.6	20.8	21.5
85	5.05	6.88	8.96	11.4	13.3	14.5	15.0	15.0	14.0	12.5	10.5	8.67	7.31	8.85	11.0	13.1	15.0	16.4	17.1
90	0.00	2.06	4.67	7.37	9.57	11.0	11.5	11.4	10.3	8.36	5.74	2.96	0.58	2.52	5.36	8.05	9.64	11.5	13.1
95	0.00	1.97	4.54	7.05	9.01	10.2	10.6	10.3	8.85	6.95	4.67	2.11	0.00	2.09	4.84	7.13	8.52	9.85	11.8
100	0.08	1.97	4.69	7.33	9.39	10.7	11.1	10.6	8.86	6.24	4.29	2.07	0.00	2.05	4.60	6.64	8.78	10.1	12.0
105	0.15	1.91	4.64	7.36	9.50	10.9	11.3	10.8	8.83	5.98	4.53	2.23	0.01	2.17	4.84	7.27	9.90	10.3	12.2
110	0.28	1.54	4.45	7.13	9.31	10.8	11.2	10.6	7.72	6.75	4.44	1.96	0.03	1.92	4.53	7.47	9.33	10.0	11.8
115	0.33	1.30	4.22	6.86	9.03	10.5	11.0	10.1	7.61	6.26	4.05	1.74	0.05	1.60	4.08	6.53	9.20	8.64	10.9
120	0.45	0.97	3.77	6.28	8.36	9.87	10.3	8.62	6.60	5.43	3.49	1.51	0.10	1.22	3.47	5.57	7.88	8.28	10.1
125	0.55	0.78	3.33	5.79	7.77	9.27	9.70	8.24	6.08	4.85	3.09	1.36	0.13	1.04	3.07	4.96	6.89	8.29	9.50
130	0.68	0.75	2.65	4.92	6.73	8.18	8.56	6.90	5.27	4.03	2.58	1.23	0.19	0.94	2.35	4.06	5.59	7.38	8.46
135	0.77	0.74	2.25	4.26	5.98	7.39	7.72	5.82	4.62	3.53	2.30	1.13	0.21	0.86	1.96	3.53	4.81	6.30	7.52
140	0.87	0.74	1.80	3.27	4.74	6.05	6.31	4.50	3.71	2.84	1.93	0.99	0.27	0.74	1.64	2.58	3.77	4.89	6.63
145	0.99	0.75	1.53	2.74	3.91	5.20	5.37	3.37	3.19	2.47	1.72	0.97	0.40	0.80	1.46	2.18	3.15	4.02	5.95
150	1.08	0.83	1.29	2.07	2.85	3.80	4.01	2.79	2.42	1.98	1.54	0.91	0.57	0.93	1.51	1.75	2.18	2.86	4.30
155	1.13	0.89	1.17	1.72	2.30	3.01	3.19	2.26	2.03	1.78	1.41	0.85	0.67	0.99	1.49	1.74	1.83	2.10	3.30
160	1.17	1.00	1.04	1.34	1.65	1.98	2.10	1.67	1.52	1.51	1.18	0.73	0.82	1.09	1.46	1.69	1.40	1.53	1.59
165	1.19	1.06	1.05	1.16	1.34	1.47	1.39	1.33	1.32	1.28	1.01	0.69	0.92	1.13	1.42	1.61	1.41	1.22	1.27
170	1.22	1.15	1.07	1.05	1.06	0.98	0.88	0.86	0.99	0.91	0.75	0.65	1.05	1.18	1.36	1.45	1.34	0.79	0.82
175	1.22	1.18	1.14	1.11	1.06	0.78	0.63	0.68	0.75	0.72	0.68	0.65	1.12	1.21	1.30	1.36	1.27	0.77	0.60
180	1.20	1.23	1.24	1.22	1.17	0.77	0.47	0.73	0.71	0.69	0.69	0.68	1.21	1.22	1.23	1.22	1.17	0.77	0.46

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

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	118	118	118	118	118														
5	118	118	118	118	118														
10	116	116	116	116	116														
15	114	114	114	114	113														
20	109	109	109	109	108														
25	105	105	105	104	104														
30	96.8	97.3	96.9	96.4	95.4														
35	90.2	90.9	90.5	90.0	88.9														
40	79.2	80.0	79.7	79.1	77.8														
45	71.1	72.3	71.9	71.3	70.0														
50	59.3	60.8	60.4	59.7	58.3														
55	52.3	53.7	53.1	52.4	51.0														
60	43.5	44.2	43.4	42.5	41.1														
65	38.7	38.8	37.8	36.7	35.2														
70	32.0	31.7	30.3	28.8	27.0														
75	27.9	27.3	25.7	23.8	21.7														
80	21.3	20.8	18.8	16.5	13.7														
85	17.1	16.5	14.3	11.6	8.56														
90	13.1	12.2	9.77	6.62	3.20														
95	11.7	10.8	8.36	5.49	2.61														
100	11.7	10.6	8.43	5.65	2.73														
105	11.9	10.7	8.55	5.75	2.79														
110	11.9	10.7	8.55	5.76	2.80														
115	11.7	10.5	8.41	5.68	2.66														
120	11.2	10.0	8.01	5.42	2.32														
125	10.6	9.55	7.63	5.18	2.15														
130	9.63	8.64	6.91	4.56	1.86														
135	8.85	7.96	6.36	4.07	1.72														
140	7.65	6.87	5.30	3.44	1.51														
145	6.83	6.06	4.58	3.06	1.37														
150	5.41	4.70	3.68	2.47	1.17														
155	4.58	3.97	3.13	2.12	1.06														
160	3.55	3.05	2.35	1.64	0.93														
165	2.88	2.48	1.87	1.35	0.86														
170	1.81	1.62	1.26	1.01	0.77														
175	1.26	1.16	0.94	0.83	0.73														
180	0.72	0.75	0.70	0.70	0.68														

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: