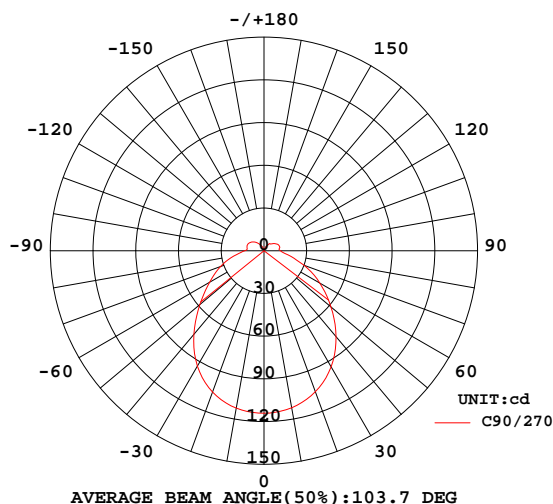


LUMINAIRE PHOTOMETRIC TEST REPORT

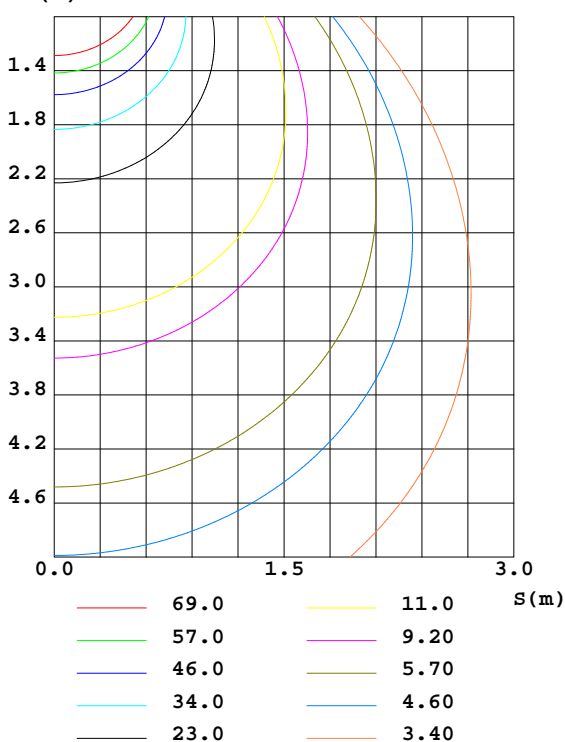
NAME: C-SFR-F16S-VB-D24CC-RGB-56-5050-1M-G	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.16 lm/W
MODEL	5050	Imax(cd)	114.1	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	4.68	LOR(%)	121.3	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	351.74	η UP,DN(C0-180)	5.8,54.0	
NOMINAL FLUX(lm)	290	CIE CLASS	DIRECT	η UP,DN(C180-360)	6.2,55.3	
LAMPS INSIDE	1	η up(%)	12.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	109.3	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	$\%lum, lamp$
10	111.9	112.2	112.3	111.5	111.9	111.8	112.0	112.5	0- 10	10.79	10.79	3.07,3.72
20	105.4	105.8	105.6	104.4	105.2	105.2	105.4	106.6	10- 20	30.83	41.63	11.8,14.4
30	94.46	94.29	93.56	92.09	93.65	93.80	94.21	96.27	20- 30	46.21	87.84	25,30.3
40	78.95	77.95	76.61	75.53	77.29	77.93	78.69	81.91	30- 40	54.10	141.9	40.4,48.9
50	60.69	59.53	58.83	57.94	58.80	60.08	61.44	64.89	40- 50	53.50	195.4	55.6,67.4
60	42.91	43.42	44.09	42.68	41.54	43.55	45.26	47.78	50- 60	46.60	242.0	68.8,83.5
70	27.16	30.32	32.50	29.68	26.21	29.70	30.08	32.83	60- 70	36.69	278.7	79.2,96.1
80	12.46	18.35	21.63	17.70	11.52	16.68	17.27	19.63	70- 80	25.11	303.8	86.4,105
90	0.2124	8.633	13.69	8.918	0	8.413	11.64	10.88	80- 90	13.15	317.0	90.1,109
100	0	7.802	12.14	7.217	0.0244	7.899	11.13	8.733	90-100	7.933	324.9	92.4,112
110	0.1669	7.750	12.40	7.561	0.0863	7.932	11.22	8.901	100-110	7.649	332.6	94.5,115
120	0.4093	6.928	11.53	6.173	0.1753	5.977	9.836	8.385	110-120	6.844	339.4	96.5,117
130	0.6384	5.502	9.713	4.650	0.2723	4.314	7.815	7.313	120-130	5.247	344.7	98,119
140	0.8190	3.829	7.252	3.278	0.3670	2.666	6.601	5.643	130-140	3.500	348.2	99,120
150	1.083	2.628	4.462	2.378	0.6876	1.743	4.029	3.947	140-150	2.037	350.2	99.6,121
160	1.218	1.767	2.395	1.802	0.9731	1.668	1.550	2.504	150-160	1.022	351.2	99.9,121
170	1.288	1.390	1.094	1.051	1.199	1.484	0.6993	1.385	160-170	0.4211	351.6	100,121
180	1.323	1.363	0.5018	0.8487	1.318	1.350	0.5100	0.8406	170-180	0.1046	351.7	100,121
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

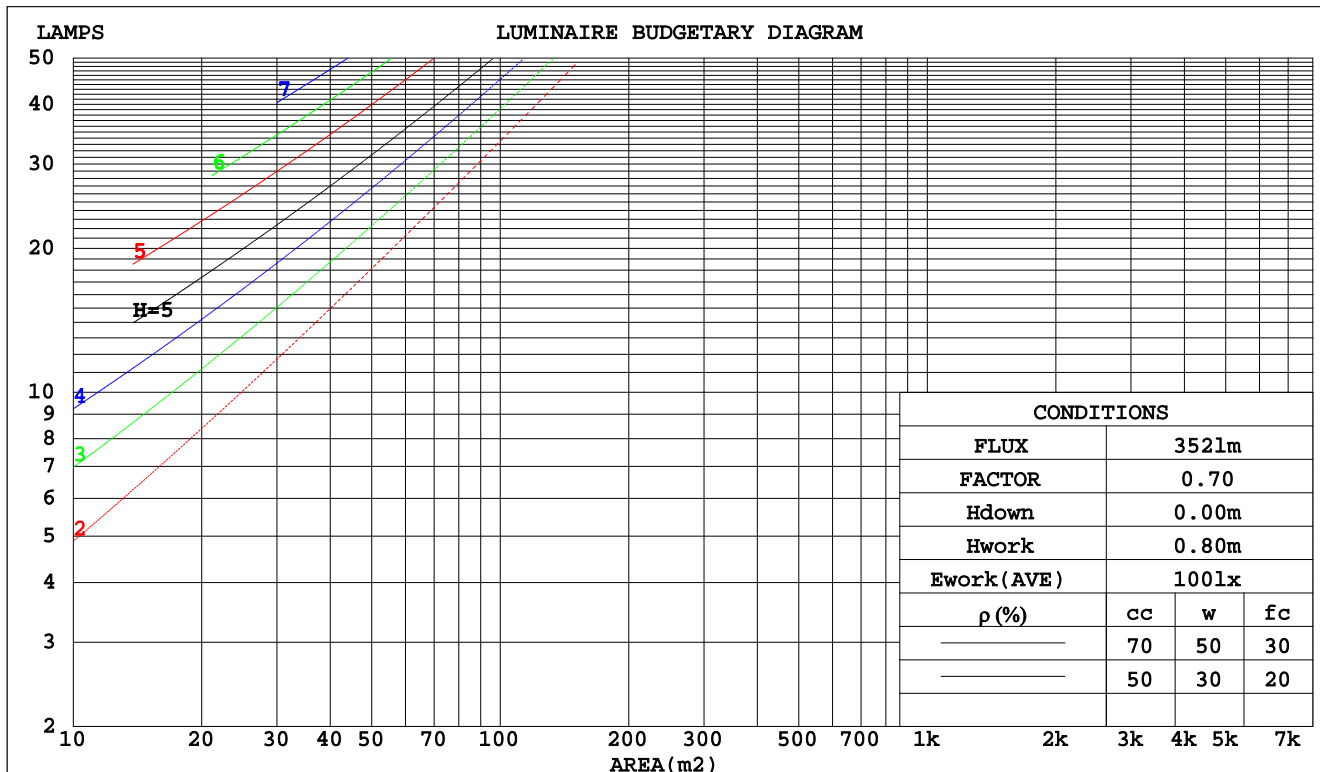
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-GTYPE: /	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															
	Coefficients of Utilization(CU)															
0.0	1.42	1.42	1.42	1.37	1.37	1.37	1.28	1.28	1.28	1.20	1.20	1.20	1.13	1.13	1.13	1.09
1.0	1.22	1.17	1.12	1.18	1.13	1.09	1.11	1.07	1.03	1.04	1.01	.98	.98	.95	.93	.89
2.0	1.06	.98	.91	1.03	.95	.89	.97	.90	.85	.91	.86	.81	.85	.81	.77	.74
3.0	.93	.83	.75	.90	.81	.74	.85	.77	.71	.80	.74	.68	.76	.70	.66	.62
4.0	.83	.72	.64	.80	.70	.63	.76	.67	.61	.71	.64	.58	.68	.61	.56	.53
5.0	.74	.63	.55	.72	.62	.54	.68	.59	.52	.64	.57	.51	.61	.54	.49	.46
6.0	.67	.56	.48	.65	.55	.47	.61	.53	.46	.58	.51	.45	.55	.49	.43	.41
7.0	.60	.50	.42	.59	.49	.42	.56	.47	.41	.53	.45	.40	.51	.44	.39	.36
8.0	.55	.45	.38	.54	.44	.37	.51	.43	.36	.49	.41	.36	.46	.40	.35	.32
9.0	.51	.41	.34	.49	.40	.34	.47	.39	.33	.45	.37	.32	.43	.36	.31	.29
10.0	.47	.37	.31	.46	.37	.31	.44	.35	.30	.42	.34	.29	.40	.33	.29	.26



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-GTYPE: /	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	.396	.225	.071	.384	.219	.069	.361	.207	.066	.339	.196	.063	.320	.185	.060		
2.0	.360	.197	.061	.349	.192	.059	.328	.183	.057	.309	.174	.054	.292	.165	.052		
3.0	.328	.175	.052	.318	.171	.051	.300	.163	.049	.283	.155	.048	.267	.148	.046		
4.0	.301	.156	.046	.292	.153	.045	.275	.146	.044	.260	.140	.042	.245	.133	.041		
5.0	.277	.141	.041	.269	.138	.040	.254	.132	.039	.240	.127	.038	.227	.121	.036		
6.0	.256	.128	.037	.249	.126	.036	.235	.121	.035	.222	.116	.034	.211	.111	.033		
7.0	.238	.118	.033	.231	.115	.033	.219	.111	.032	.207	.106	.031	.197	.102	.030		
8.0	.222	.108	.030	.216	.106	.030	.205	.102	.029	.194	.098	.028	.184	.095	.028		
9.0	.208	.100	.028	.202	.099	.028	.192	.095	.027	.182	.091	.026	.173	.088	.025		
10.0	.195	.094	.026	.190	.092	.026	.181	.089	.025	.172	.085	.024	.163	.082	.024		

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	.322	.322	.322	.275	.275	.275	.188	.188	.188	.108	.108	.108	.035	.035	.035	
1.0	.312	.281	.253	.267	.241	.218	.183	.166	.151	.105	.096	.088	.034	.031	.028	
2.0	.302	.253	.211	.259	.217	.182	.178	.150	.127	.102	.088	.075	.033	.028	.024	
3.0	.293	.232	.183	.251	.200	.159	.172	.139	.111	.100	.081	.066	.032	.026	.022	
4.0	.283	.216	.165	.243	.187	.143	.167	.130	.101	.097	.076	.060	.031	.025	.020	
5.0	.274	.204	.152	.236	.176	.132	.162	.123	.093	.094	.072	.055	.030	.024	.018	
6.0	.266	.194	.142	.228	.168	.124	.158	.117	.088	.091	.069	.052	.029	.023	.017	
7.0	.257	.186	.135	.221	.161	.118	.153	.113	.083	.089	.066	.050	.029	.022	.016	
8.0	.250	.179	.130	.215	.155	.113	.149	.109	.080	.086	.064	.048	.028	.021	.016	
9.0	.242	.173	.126	.209	.150	.110	.145	.105	.078	.084	.062	.046	.027	.020	.015	
10.0	.235	.168	.122	.203	.146	.107	.141	.102	.076	.082	.061	.045	.027	.020	.015	

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-GTYPE:/						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					Viewed endwise				
x = 2H y = 2H		18.2	19.5	18.6	19.9	20.3	18.1	19.5	18.5	19.9	20.3
3H		19.7	20.9	20.1	21.3	21.8	20.0	21.2	20.4	21.6	22.1
4H		20.3	21.5	20.8	21.9	22.4	20.9	22.2	21.4	22.6	23.0
6H		20.8	22.0	21.3	22.4	22.9	21.9	23.1	22.4	23.5	24.0
8H		21.0	22.1	21.5	22.5	23.0	22.4	23.5	22.9	24.0	24.5
12H		21.1	22.1	21.6	22.6	23.1	23.0	24.0	23.5	24.5	25.0
4H 2H		18.7	20.0	19.2	20.4	20.8	18.7	19.9	19.2	20.4	20.8
3H		20.5	21.5	21.0	22.0	22.5	20.8	21.9	21.3	22.3	22.8
4H		21.3	22.3	21.8	22.8	23.3	21.9	22.9	22.4	23.4	23.9
6H		22.0	22.8	22.5	23.4	23.9	23.1	24.0	23.6	24.5	25.1
8H		22.2	23.0	22.8	23.6	24.2	23.7	24.5	24.3	25.0	25.6
12H		22.4	23.1	23.0	23.7	24.3	24.4	25.1	24.9	25.7	26.3
8H 4H		21.7	22.5	22.3	23.1	23.7	22.3	23.1	22.8	23.6	24.2
6H		22.7	23.3	23.2	23.9	24.5	23.7	24.3	24.3	24.9	25.6
8H		23.0	23.6	23.6	24.2	24.9	24.4	25.0	25.0	25.6	26.3
12H		23.3	23.8	23.9	24.4	25.1	25.3	25.8	25.9	26.4	27.1
12H 4H		21.8	22.6	22.4	23.1	23.7	22.3	23.0	22.9	23.6	24.2
6H		22.8	23.4	23.4	24.0	24.7	23.8	24.4	24.4	25.0	25.6
8H		23.3	23.8	23.9	24.4	25.1	24.6	25.1	25.2	25.7	26.4
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 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-RGB-56-5050-1M-GTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /

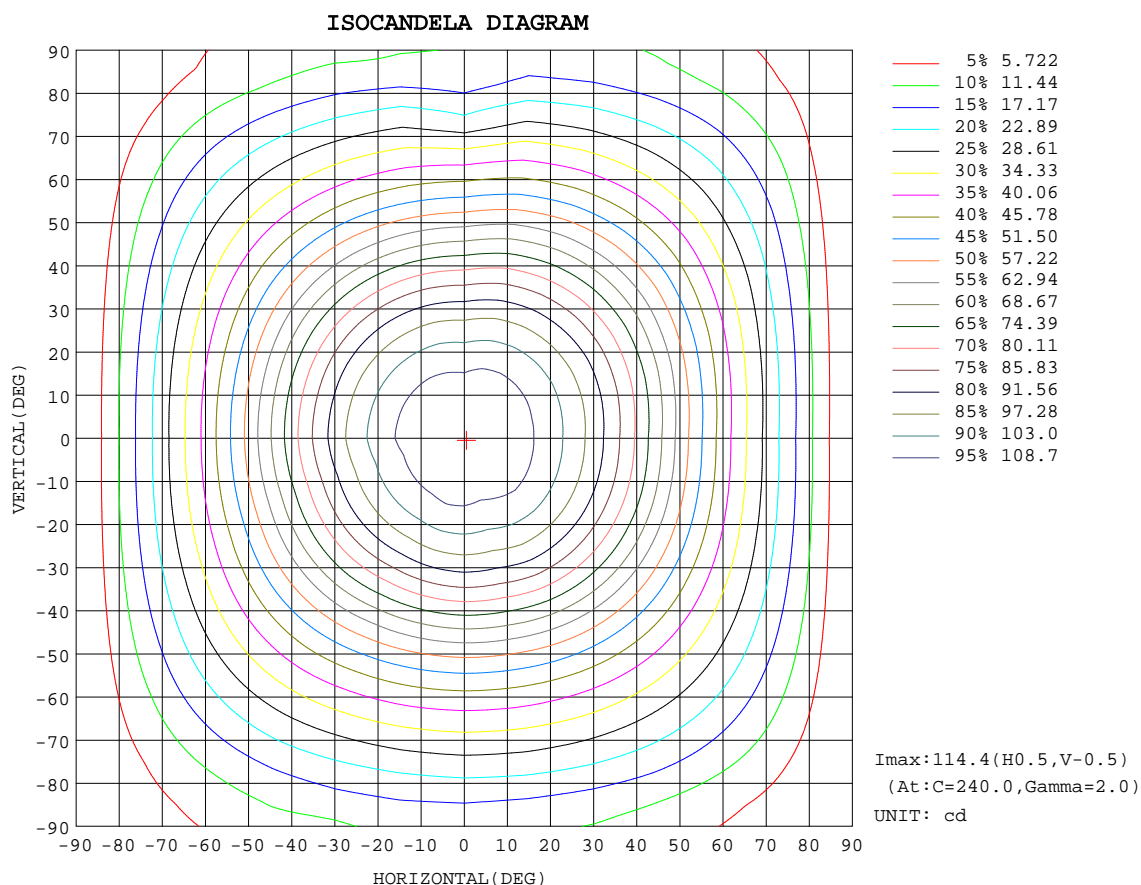
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	66	52	44	65	52	44	63	51	43	36
0.80	78	64	55	76	63	54	74	62	54	45
1.00	88	74	65	86	73	64	82	74	63	54
1.25	96	83	74	94	81	73	89	79	71	61
1.50	102	89	80	99	88	79	94	85	77	67
2.00	110	99	91	107	97	89	102	93	86	75
2.50	115	105	97	112	102	95	105	98	92	79
3.00	119	110	103	116	107	101	109	102	97	83
4.00	124	116	110	120	113	108	113	108	103	89
5.00	127	121	115	123	117	112	116	111	107	92
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-GTYPE: /	WEIGHT: 0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 15.5*1000mm PROTECTION ANGLE: /

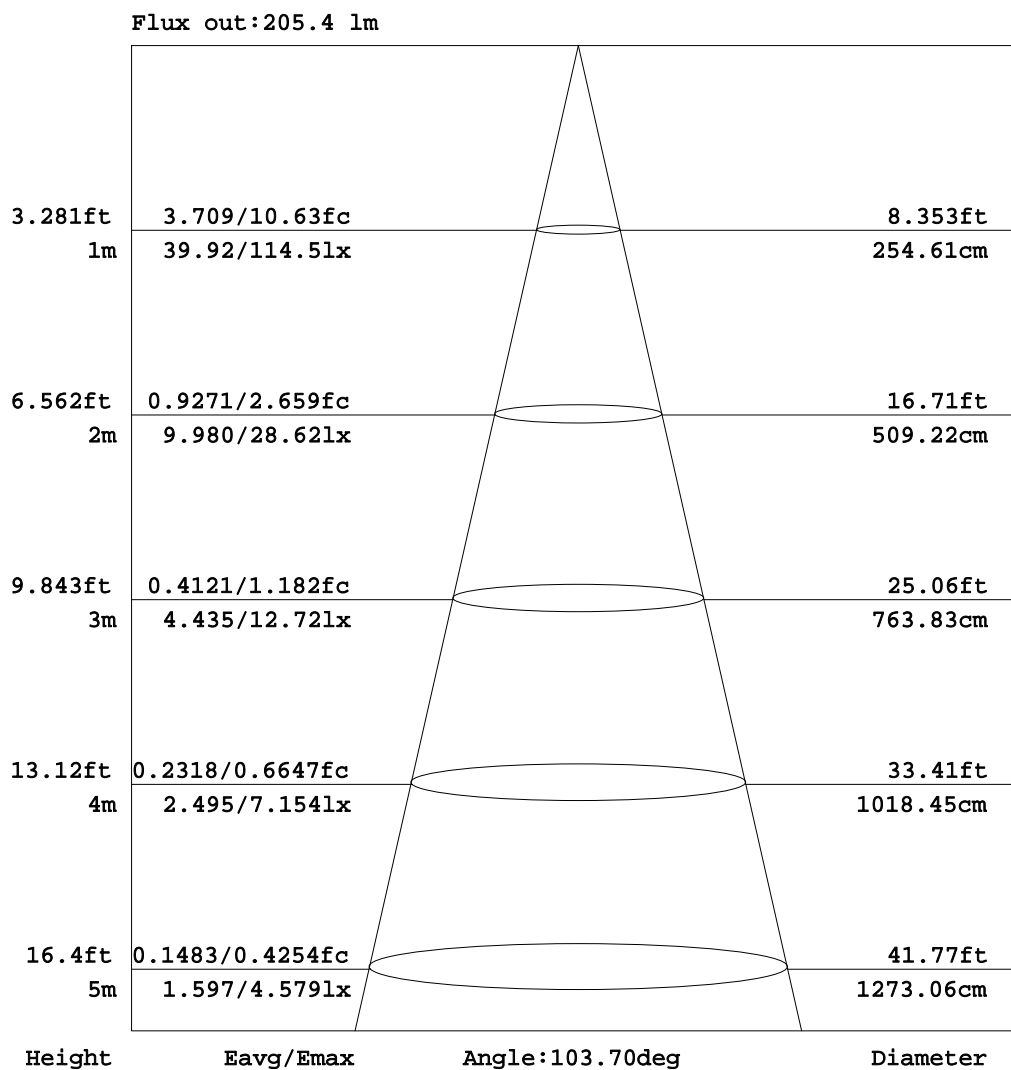


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-09-01

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-GTYPE:/	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.:15.5*1000mm PROTECTION ANGLE:/



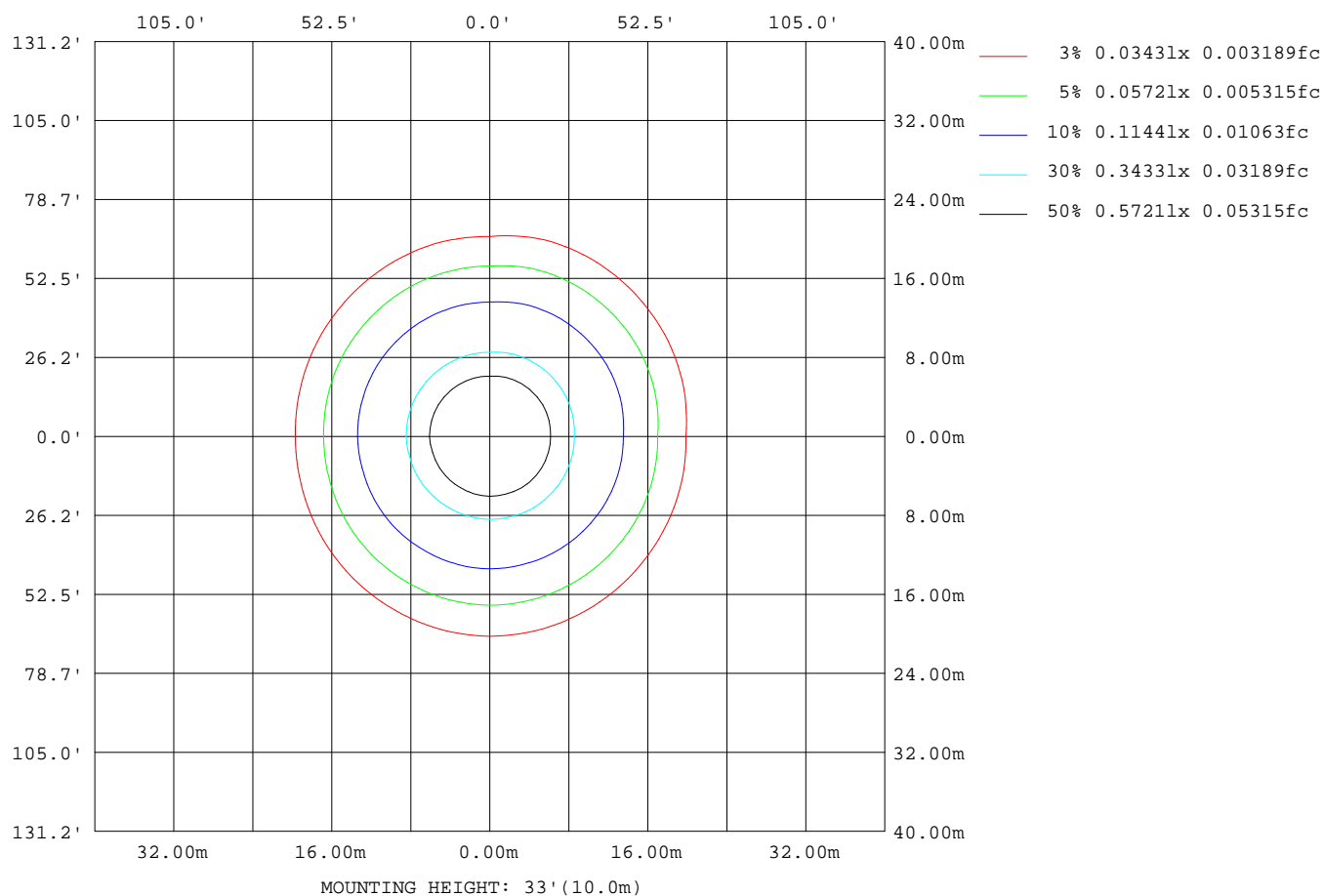
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-RGB-56-5050-1M-GTYPE: /	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-GTYPE:/	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	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	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	5801	5815	5810	5788	5755	5739	5743	5749	5749	5732	5684	5639	5613	5615	5617	5608	5584	5584	5616
60	5536	5579	5600	5603	5601	5613	5643	5681	5700	5690	5640	5585	5540	5518	5489	5448	5401	5365	5360
65	5314	5402	5464	5508	5558	5621	5696	5774	5816	5808	5746	5667	5589	5531	5457	5365	5274	5193	5153
70	5122	5275	5406	5524	5652	5789	5926	6055	6130	6130	6043	5920	5788	5665	5525	5366	5203	5044	4945
75	4937	5197	5441	5679	5939	6193	6426	6634	6757	6765	6633	6434	6210	5997	5744	5452	5167	4884	4696
80	4630	5112	5583	6054	6567	7045	7455	7795	8002	8034	7848	7567	7230	6816	6303	5726	5182	4644	4279
85	3827	4929	6065	7254	8579	9796	10818	11670	12263	12522	12370	11903	11152	10114	8777	7240	5714	4267	3325

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	12522	200	---	500
Category 2	65 to 90	12522	200	---	500
Category 3	75 to 90	12522	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-GTYPE: /	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	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
5	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
10	112	112	112	112	112	112	112	112	112	112	111	112	112	112	112	112	112	112	112
15	110	110	110	110	110	110	110	110	109	109	109	109	110	110	110	110	110	111	110
20	105	105	106	106	106	105	106	105	104	104	104	104	105	105	105	105	106	106	105
25	102	102	102	102	102	101	101	101	100	100	100	100	101	101	101	101	102	102	101
30	94.5	94.4	94.4	94.3	94.4	93.6	93.6	92.5	91.9	92.1	92.3	92.4	93.6	93.6	93.8	93.8	94.3	94.8	94.2
35	88.8	88.7	88.5	88.2	88.3	87.4	87.2	86.1	85.5	85.8	86.1	86.3	87.6	87.6	87.9	87.9	88.4	88.9	88.4
40	78.9	78.9	78.5	78.0	77.6	77.0	76.6	75.6	75.1	75.5	75.8	76.0	77.3	77.5	77.8	77.9	78.3	79.0	78.7
45	71.8	71.7	71.2	70.5	70.2	69.7	69.3	68.3	68.0	68.4	68.7	68.8	69.9	70.2	70.7	70.8	71.3	71.9	71.8
50	60.7	60.6	60.2	59.5	59.3	59.1	58.8	58.1	57.7	57.9	58.1	58.0	58.8	59.3	59.8	60.1	60.7	61.4	61.4
55	53.4	53.4	53.2	52.7	52.6	52.6	52.5	51.8	51.4	51.5	51.5	51.2	51.7	52.2	52.8	53.2	53.9	54.6	54.8
60	42.9	43.3	43.4	43.4	43.7	44.1	44.1	43.5	42.9	42.7	42.2	41.7	41.5	42.3	43.0	43.5	44.4	45.2	45.3
65	36.4	37.1	37.5	37.9	38.5	39.2	39.2	38.6	37.8	37.3	36.5	35.7	35.3	36.1	37.0	37.7	38.8	39.7	39.2
70	27.2	28.3	29.3	30.3	31.4	32.4	32.5	31.7	30.7	29.7	28.4	27.2	26.2	27.3	28.5	29.7	31.0	32.1	30.1
75	21.3	22.7	24.1	25.5	26.9	28.0	28.2	27.3	26.1	24.8	23.2	21.6	20.3	21.5	23.0	24.5	26.0	27.2	23.8
80	12.5	14.4	16.3	18.3	20.1	21.3	21.6	20.7	19.5	17.7	15.4	13.3	11.5	12.9	14.9	16.7	18.5	19.8	17.3
85	6.59	8.82	11.1	13.6	15.5	17.1	17.7	17.2	15.8	13.7	10.8	7.95	5.82	7.33	9.65	11.9	14.1	14.1	13.7
90	0.21	2.46	5.51	8.63	11.2	12.9	13.7	13.1	10.6	8.92	6.06	2.78	0.00	2.39	5.58	8.41	10.00	11.3	11.6
95	0.00	2.05	4.78	7.45	9.74	11.3	12.1	11.5	8.83	7.18	5.05	2.24	0.00	2.17	4.96	7.48	9.60	10.9	10.8
100	0.00	2.11	5.00	7.80	10.1	11.7	12.1	11.6	8.46	7.22	4.97	2.46	0.02	2.36	5.20	7.90	8.93	10.7	11.1
105	0.04	2.07	5.02	7.87	10.3	11.9	12.4	11.8	8.57	7.58	5.14	2.55	0.05	2.47	5.37	8.09	10.5	10.3	11.4
110	0.17	1.70	4.87	7.75	10.2	11.9	12.4	11.7	9.38	7.56	4.93	2.22	0.09	2.09	4.89	7.93	9.90	9.97	11.2
115	0.26	1.49	4.68	7.50	9.97	11.7	12.2	11.5	9.36	6.84	4.59	2.03	0.12	1.73	4.40	7.04	10.0	11.2	10.8
120	0.41	1.21	4.20	6.93	9.31	11.1	11.5	10.9	7.94	6.17	4.02	1.78	0.18	1.29	3.70	5.98	8.52	10.1	9.84
125	0.51	1.06	3.74	6.42	8.70	10.4	10.9	10.2	7.33	5.64	3.58	1.65	0.22	1.10	3.33	5.27	7.47	9.46	9.08
130	0.64	1.01	3.06	5.50	7.60	9.26	9.71	8.89	6.26	4.65	3.01	1.53	0.27	0.91	2.51	4.31	5.93	8.20	7.81
135	0.72	1.01	2.69	4.83	6.79	8.38	8.83	7.58	5.50	4.09	2.70	1.44	0.30	0.80	2.07	3.76	5.10	6.81	7.00
140	0.82	1.03	2.28	3.83	5.47	6.87	7.25	5.23	4.27	3.28	2.33	1.30	0.37	0.67	1.66	2.67	4.01	5.19	6.60
145	0.96	1.07	1.97	3.31	4.57	5.88	6.19	4.37	3.69	2.90	2.10	1.29	0.50	0.77	1.46	2.22	3.29	4.22	5.85
150	1.08	1.10	1.69	2.63	3.44	4.34	4.46	3.17	2.84	2.38	1.92	1.19	0.69	0.93	1.52	1.74	2.22	2.97	4.03
155	1.15	1.12	1.56	2.19	2.81	3.47	3.60	2.60	2.41	2.17	1.75	1.09	0.81	1.03	1.49	1.77	1.83	2.14	3.49
160	1.22	1.16	1.41	1.77	2.08	2.29	2.39	1.99	1.85	1.80	1.44	0.92	0.97	1.15	1.46	1.67	1.39	1.51	1.55
165	1.25	1.20	1.35	1.60	1.69	1.78	1.65	1.61	1.63	1.51	1.21	0.84	1.07	1.21	1.44	1.59	1.37	1.14	1.19
170	1.29	1.25	1.29	1.39	1.42	1.22	1.09	1.07	1.16	1.05	0.90	0.76	1.20	1.28	1.42	1.48	1.32	0.70	0.70
175	1.32	1.29	1.30	1.31	1.30	1.09	0.80	0.79	0.87	0.84	0.78	0.74	1.26	1.32	1.38	1.43	1.30	0.72	0.53
180	1.32	1.34	1.36	1.36	1.31	0.94	0.50	0.55	0.83	0.85	0.78	0.76	1.32	1.34	1.36	1.35	1.30	0.93	0.51

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-GTYPE: /	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	114	114	114	114	114														
5	114	114	114	114	114														
10	112	112	112	112	112														
15	110	111	111	111	110														
20	106	107	107	107	106														
25	102	103	103	103	102														
30	95.4	96.1	96.3	96.3	95.7														
35	89.8	90.7	90.9	91.0	90.3														
40	80.6	81.5	81.9	81.8	81.0														
45	73.9	75.0	75.2	75.1	74.1														
50	63.8	64.7	64.9	64.6	63.4														
55	57.0	58.0	57.9	57.6	56.2														
60	47.5	48.1	47.8	47.2	45.7														
65	41.7	42.0	41.5	40.7	39.2														
70	33.7	33.7	32.8	31.7	30.0														
75	28.6	28.4	27.4	26.1	24.2														
80	21.4	21.0	19.6	17.9	15.6														
85	17.3	16.7	15.0	12.7	9.98														
90	14.4	13.3	10.9	7.66	3.95														
95	13.2	11.9	9.41	6.15	2.78														
100	12.5	11.0	8.73	5.84	2.81														
105	12.7	11.2	8.87	5.95	2.90														
110	12.8	11.2	8.90	6.00	2.92														
115	12.6	11.1	8.77	5.93	2.76														
120	12.0	10.6	8.39	5.69	2.39														
125	11.5	10.1	8.02	5.44	2.21														
130	10.4	9.22	7.31	4.75	1.91														
135	9.63	8.53	6.76	4.26	1.77														
140	8.36	7.43	5.64	3.62	1.54														
145	7.51	6.54	4.93	3.21	1.40														
150	5.91	5.17	3.95	2.55	1.21														
155	4.91	4.37	3.36	2.16	1.10														
160	3.70	3.29	2.50	1.65	0.97														
165	2.87	2.59	2.00	1.38	0.90														
170	1.72	1.67	1.38	1.07	0.83														
175	1.23	1.22	1.08	0.90	0.80														
180	0.80	0.84	0.84	0.79	0.77														

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: