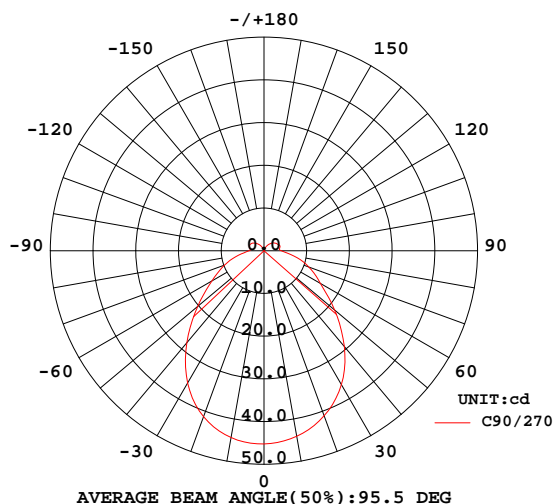


LUMINAIRE PHOTOMETRIC TEST REPORT

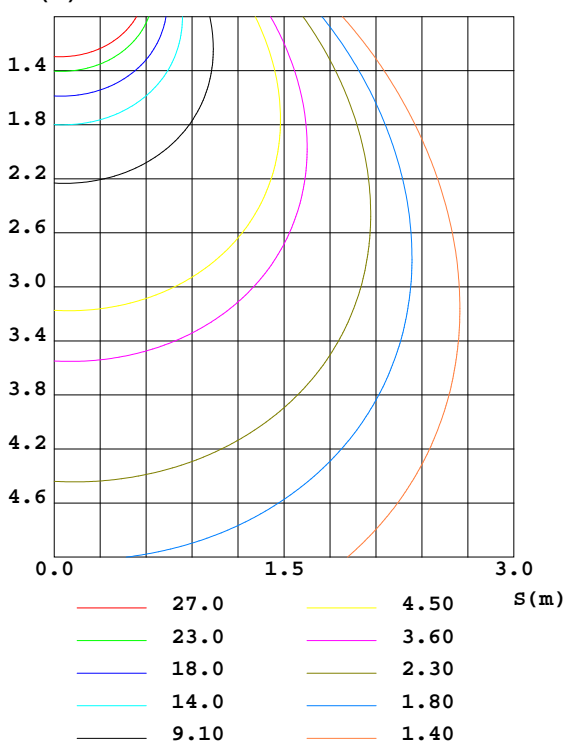
NAME: C-SFR-F16S-VB-D24CC-RGBW(2700K)-56-5050-1M-R	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 26.61 lm/W
MODEL	5050	Imax(cd)	45.52	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	4.62	LOR(%)	117.1	S/MH(C90/270)	1.18	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	122.95	η UP,DN(C0-180)	4.2,53.3	
NOMINAL FLUX(lm)	105	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.9,54.6	
LAMPS INSIDE	1	η up(%)	9.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	107.9	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	45.29	45.15	44.41	43.51	43.25	43.35	44.10	45.01	0- 10	4.270	4.270	3.47,4.07
20	43.19	42.89	41.36	39.78	39.36	39.64	41.13	42.74	10- 20	12.13	16.40	13.3,15.6
30	38.39	37.73	35.77	34.03	33.68	34.10	36.24	38.09	20- 30	17.89	34.28	27.9,32.7
40	30.92	30.00	28.12	26.85	26.57	27.08	29.25	31.21	30- 40	20.32	54.61	44.4,52
50	22.35	21.50	20.28	19.55	19.30	19.83	21.59	23.18	40- 50	19.15	73.75	60,70.2
60	14.79	14.58	14.09	13.56	13.11	13.85	15.21	16.05	50- 60	15.70	89.46	72.8,85.2
70	8.905	9.625	9.820	9.101	8.255	9.504	11.19	10.84	60- 70	11.86	101.3	82.4,96.5
80	3.613	5.386	6.088	5.310	3.836	5.628	7.145	6.464	70- 80	8.028	109.3	88.9,104
90	0	2.302	3.502	2.503	0	2.405	4.093	3.148	80- 90	3.969	113.3	92.2,108
100	0	2.347	3.420	1.878	0	2.035	3.748	2.739	90-100	2.225	115.5	94,110
110	0	2.337	3.625	2.065	0	2.422	3.883	2.825	100-110	2.221	117.8	95.8,112
120	0	2.049	3.426	1.674	0	1.770	3.420	2.713	110-120	1.992	119.8	97.4,114
130	0	1.502	2.822	1.163	0	1.210	2.892	2.312	120-130	1.506	121.3	98.6,115
140	0.0186	0.8601	1.983	0.7140	0	0.6400	2.122	1.697	130-140	0.9470	122.2	99.4,116
150	0.0772	0.4207	1.122	0.3984	0	0.3333	1.328	1.076	140-150	0.4845	122.7	99.8,117
160	0.1145	0.1650	0.4428	0.2085	0.0213	0.3091	0.2714	0.5836	150-160	0.1943	122.9	100,117
170	0.1278	0.0586	0.0242	0.0053	0.0852	0.2079	0.0053	0.1822	160-170	0.0517	122.9	100,117
180	0.1304	0.1119	0	0	0.1304	0.1252	0	0	170-180	0.0065	122.9	100,117
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

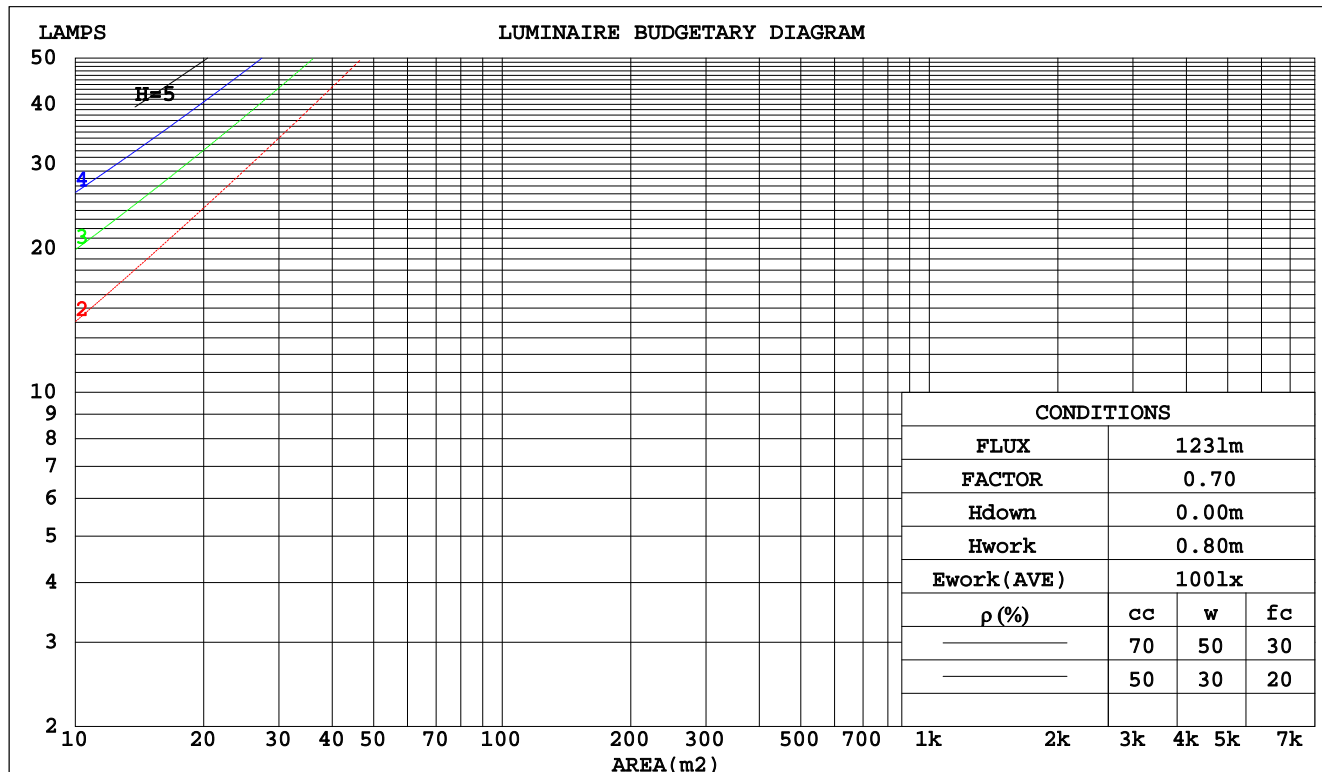
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-R	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	1.37	1.37	1.37	1.33	1.33	1.33	1.25	1.25	1.25	1.18	1.18	1.18	1.11	1.11	1.11	1.08
1.0	1.19	1.14	1.10	1.16	1.11	1.07	1.09	1.05	1.02	1.03	.00	.97	.97	.95	.93	.90
2.0	1.04	.96	.90	1.01	.94	.88	.96	.90	.85	.90	.86	.81	.86	.82	.78	.75
3.0	.92	.83	.75	.89	.81	.74	.85	.77	.71	.80	.74	.69	.76	.71	.67	.64
4.0	.82	.72	.64	.80	.70	.63	.76	.68	.61	.72	.65	.60	.68	.63	.58	.55
5.0	.73	.63	.56	.72	.62	.55	.68	.60	.53	.65	.58	.52	.62	.56	.51	.48
6.0	.66	.56	.49	.65	.55	.48	.62	.53	.47	.59	.52	.46	.56	.50	.45	.42
7.0	.60	.50	.43	.59	.50	.43	.56	.48	.42	.54	.47	.41	.52	.45	.40	.38
8.0	.55	.46	.39	.54	.45	.38	.52	.44	.38	.50	.42	.37	.48	.41	.36	.34
9.0	.51	.41	.35	.50	.41	.35	.48	.40	.34	.46	.39	.33	.44	.38	.33	.31
10.0	.47	.38	.32	.46	.37	.32	.44	.36	.31	.43	.36	.31	.41	.35	.30	.28



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-R	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	.367	.209	.066	.356	.203	.064	.335	.192	.061	.316	.182	.058	.298	.173	.056				
2.0	.336	.184	.056	.326	.180	.055	.308	.171	.053	.291	.163	.051	.275	.155	.049				
3.0	.308	.164	.049	.299	.160	.048	.282	.153	.047	.267	.146	.045	.253	.140	.043				
4.0	.283	.147	.043	.275	.144	.043	.260	.138	.041	.246	.132	.040	.234	.127	.039				
5.0	.261	.133	.039	.254	.130	.038	.241	.125	.037	.228	.120	.036	.217	.116	.035				
6.0	.242	.121	.035	.236	.119	.034	.224	.115	.033	.212	.110	.032	.202	.106	.032				
7.0	.225	.111	.032	.220	.109	.031	.209	.106	.030	.198	.102	.030	.189	.098	.029				
8.0	.211	.103	.029	.205	.101	.029	.195	.098	.028	.186	.094	.027	.177	.091	.027				
9.0	.198	.096	.027	.193	.094	.026	.184	.091	.026	.175	.088	.025	.167	.085	.025				
10.0	.186	.089	.025	.182	.088	.024	.173	.085	.024	.165	.082	.023	.158	.079	.023				

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.293	.293	.293	.250	.250	.250	.171	.171	.171	.098	.098	.098	.031	.031	.031	
1.0	.282	.253	.227	.241	.217	.196	.165	.150	.135	.095	.087	.079	.030	.028	.025	
2.0	.272	.225	.186	.233	.194	.161	.160	.134	.112	.092	.078	.066	.030	.025	.021	
3.0	.262	.205	.159	.225	.177	.138	.154	.123	.097	.089	.072	.057	.029	.023	.019	
4.0	.253	.190	.141	.217	.164	.123	.149	.114	.086	.086	.067	.051	.028	.022	.017	
5.0	.244	.178	.128	.210	.154	.112	.144	.107	.079	.084	.063	.047	.027	.021	.015	
6.0	.236	.168	.119	.203	.145	.104	.140	.102	.073	.081	.060	.044	.026	.020	.014	
7.0	.228	.160	.112	.196	.139	.098	.136	.097	.069	.079	.057	.041	.025	.019	.014	
8.0	.221	.153	.107	.190	.133	.093	.131	.093	.066	.076	.055	.039	.025	.018	.013	
9.0	.214	.147	.103	.184	.128	.090	.128	.090	.064	.074	.053	.038	.024	.017	.013	
10.0	.207	.143	.099	.179	.124	.087	.124	.087	.062	.072	.051	.037	.023	.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-RGBW(2700K)-56-5050-1M-R						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						14.4	15.7	14.7	16.1	16.4
4H						15.9	17.2	16.3	17.6	17.9
6H						16.7	17.9	17.2	18.3	18.7
8H						17.6	18.7	18.0	19.1	19.5
12H						17.9	19.0	18.4	19.4	19.9
12H						18.4	19.4	18.8	19.8	20.3
4H 2H						14.9	16.1	15.3	16.5	16.9
3H						16.7	17.8	17.2	18.2	18.7
4H						17.7	18.7	18.2	19.1	19.6
6H						18.7	19.5	19.2	20.0	20.6
8H						19.2	20.0	19.7	20.5	21.0
12H						19.7	20.4	20.2	21.0	21.5
8H 4H						18.0	18.8	18.5	19.3	19.9
6H						19.2	19.9	19.8	20.4	21.0
8H						19.9	20.5	20.4	21.0	21.6
12H						20.6	21.1	21.2	21.7	22.3
12H 4H						18.0	18.8	18.6	19.3	19.9
6H						19.3	19.9	19.9	20.5	21.1
8H						20.0	20.5	20.6	21.1	21.7
Variations with the observer position at spacings:										
S = 1.0H		+ 0.2 / - 0.2				+ 0.2 / - 0.2				
1.5H		+ 0.1 / - 0.2				+ 0.1 / - 0.3				
2.0H		+ 0.3 / - 0.3				+ 0.1 / - 0.2				

CIE Pub.117 Corrected 105.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.8)

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-R	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:/

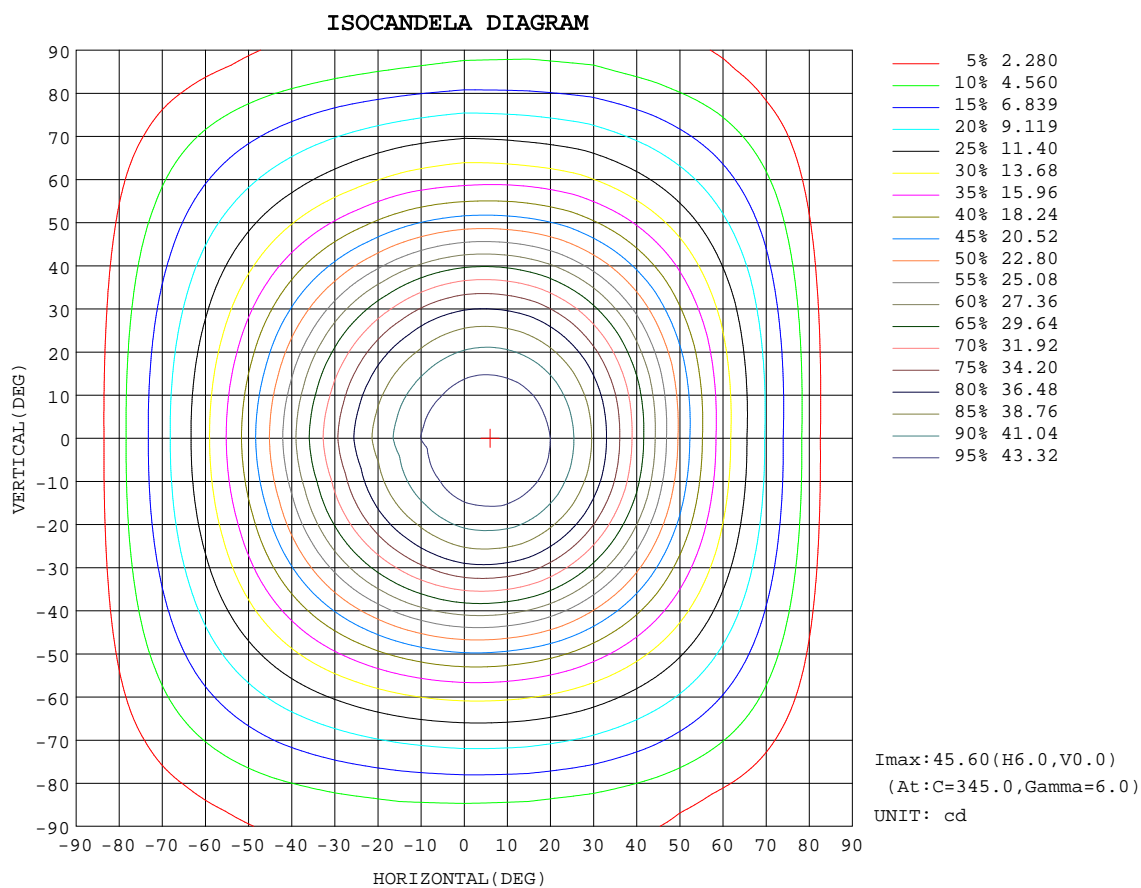
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	67	54	46	66	53	46	64	53	45	38
0.80	78	65	57	77	64	56	74	63	56	47
1.00	87	75	66	86	74	66	82	74	65	56
1.25	95	83	75	93	82	74	89	80	73	63
1.50	101	89	81	99	88	80	94	85	78	69
2.00	109	98	91	106	96	89	101	93	87	76
2.50	113	104	96	110	101	95	104	97	92	80
3.00	117	108	102	114	106	100	108	101	96	84
4.00	121	114	109	118	112	106	112	106	102	89
5.00	124	118	113	121	115	111	114	110	106	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-RGBW(2700K)-56-5050-1M-R	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SERIAL No.:
MFR.:	SUR.:15.5*1000mm
	PROTECTION ANGLE:/

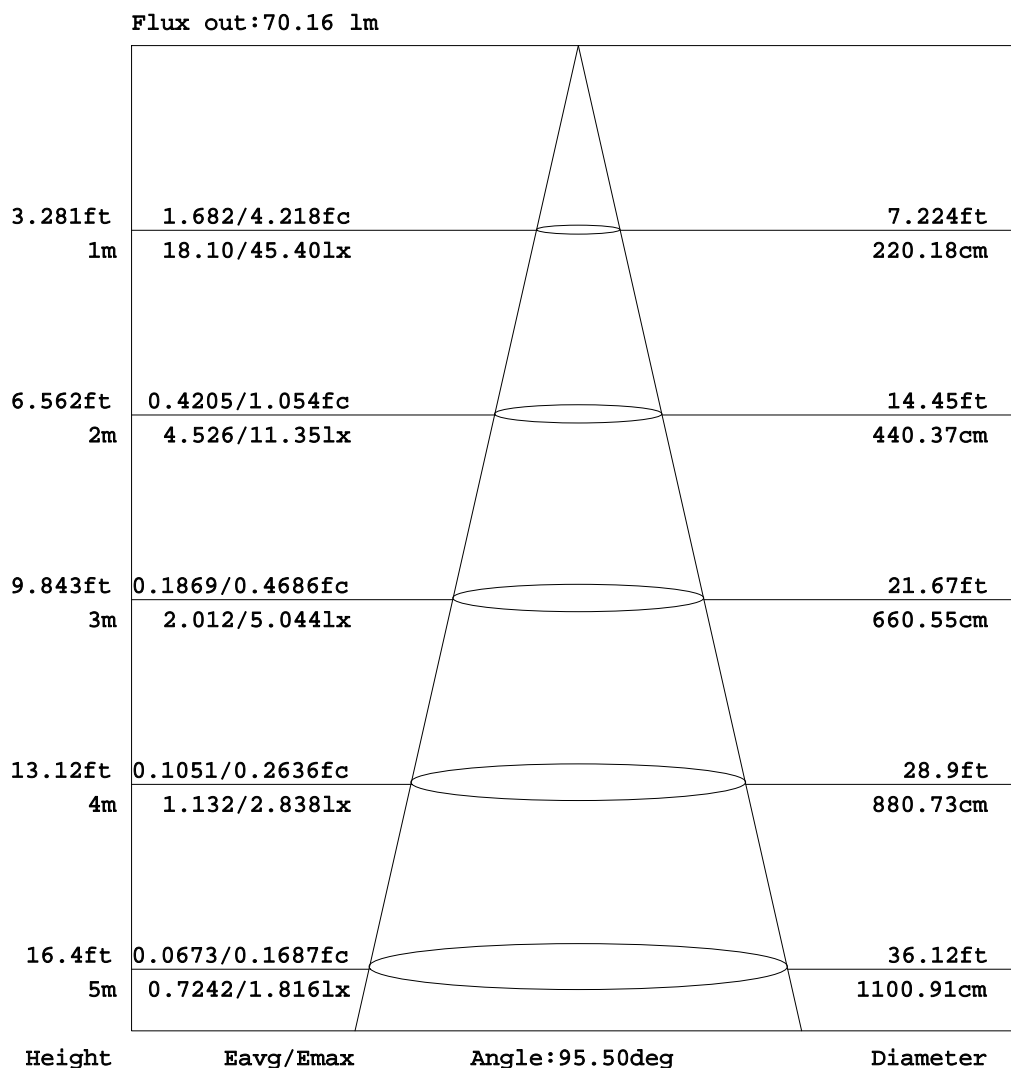


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-09-01

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-R	5050-1M-R	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:15.5*1000mm	PROTECTION ANGLE:/



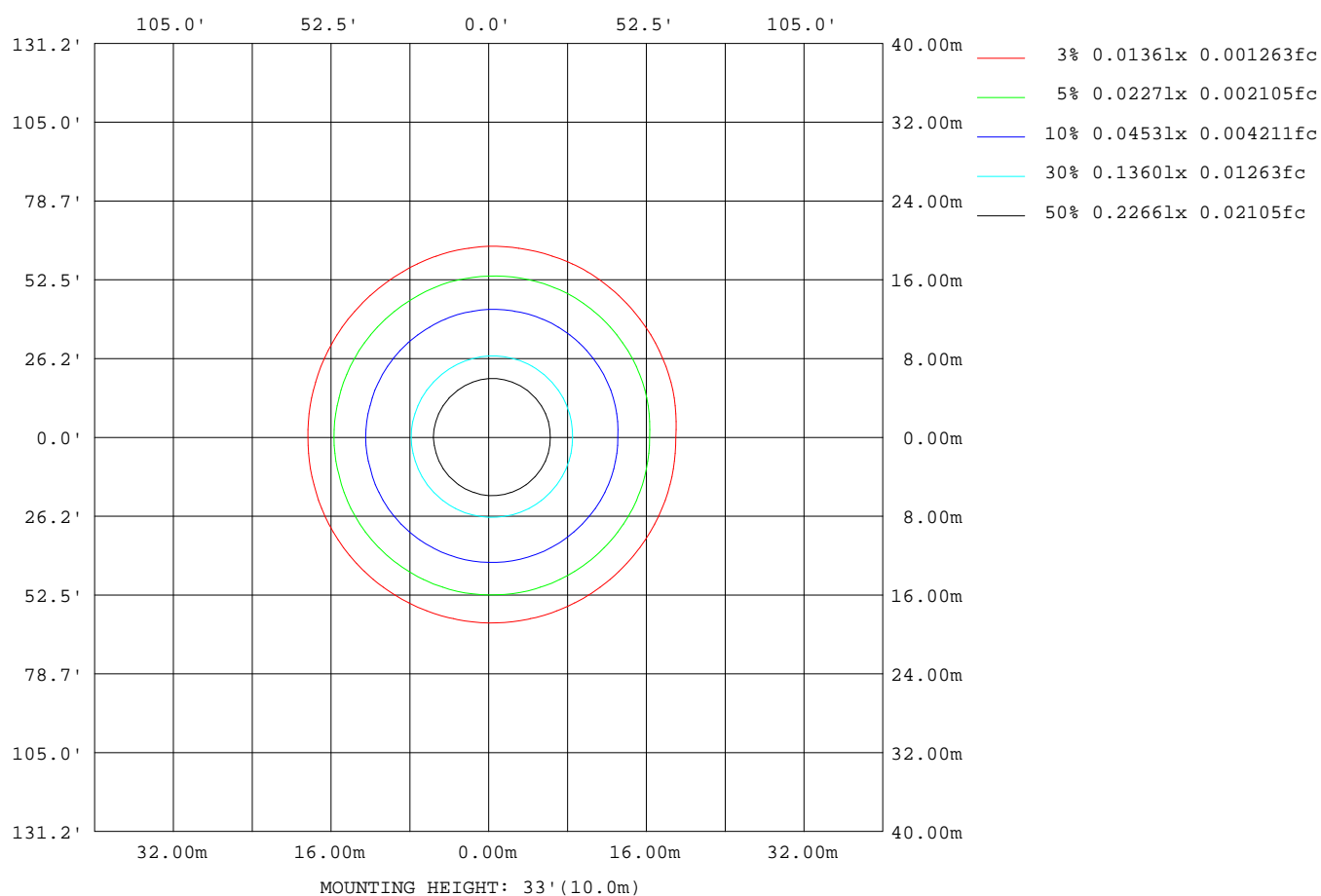
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-R	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-R	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	105	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	2063	2066	2056	2036	2010	1988	1970	1943	1920	1902	1882	1865	1852	1843	1834	1823	1809	1802	1803
60	1908	1917	1915	1903	1888	1876	1867	1853	1837	1819	1801	1783	1767	1756	1744	1729	1711	1697	1691
65	1783	1803	1813	1815	1817	1821	1828	1826	1817	1801	1782	1760	1738	1719	1697	1673	1648	1624	1611
70	1680	1717	1746	1770	1800	1832	1859	1872	1869	1852	1829	1800	1767	1734	1697	1657	1618	1580	1557
75	1562	1628	1693	1758	1834	1907	1965	2000	2006	1988	1960	1922	1874	1821	1756	1682	1616	1549	1507
80	1342	1474	1613	1761	1924	2069	2180	2255	2280	2262	2235	2183	2107	2023	1908	1768	1639	1509	1425
85	782	1078	1437	1847	2290	2679	2977	3182	3285	3304	3297	3210	3036	2805	2493	2121	1753	1411	1210

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	3304	200	---	500
Category 2	65 to 90	3304	200	---	500
Category 3	75 to 90	3304	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-R	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	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
5	45.5	45.5	45.5	45.4	45.4	45.2	45.1	45.0	44.9	44.8	44.7	44.6	44.7	44.6	44.6	44.7	44.8	44.9	45.0
10	45.3	45.3	45.3	45.1	45.0	44.7	44.4	44.1	43.8	43.5	43.3	43.2	43.3	43.2	43.2	43.4	43.5	43.8	44.1
15	44.7	44.8	44.7	44.5	44.3	43.9	43.5	43.0	42.6	42.3	42.0	41.8	41.9	41.9	42.0	42.1	42.3	42.7	43.2
20	43.2	43.2	43.1	42.9	42.5	41.9	41.4	40.7	40.2	39.8	39.5	39.2	39.4	39.3	39.4	39.6	40.0	40.5	41.1
25	41.6	41.7	41.5	41.2	40.7	40.0	39.4	38.7	38.1	37.7	37.4	37.1	37.3	37.2	37.3	37.6	38.1	38.7	39.4
30	38.4	38.4	38.2	37.7	37.2	36.5	35.8	35.0	34.4	34.0	33.7	33.5	33.7	33.5	33.7	34.1	34.6	35.5	36.2
35	35.7	35.7	35.4	34.9	34.3	33.6	32.9	32.2	31.7	31.3	31.0	30.8	31.0	30.8	31.0	31.4	32.0	32.8	33.7
40	30.9	30.9	30.5	30.0	29.5	28.8	28.1	27.6	27.1	26.9	26.6	26.4	26.6	26.5	26.7	27.1	27.6	28.4	29.3
45	27.5	27.5	27.1	26.5	26.1	25.4	24.9	24.4	24.1	23.8	23.6	23.5	23.6	23.6	23.8	24.1	24.6	25.3	26.1
50	22.4	22.3	22.0	21.5	21.1	20.6	20.3	19.9	19.7	19.6	19.4	19.2	19.3	19.3	19.5	19.8	20.2	20.9	21.6
55	19.1	19.1	18.8	18.5	18.2	17.8	17.5	17.2	17.1	17.0	16.8	16.6	16.7	16.7	16.9	17.2	17.6	18.3	18.8
60	14.8	14.9	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.6	13.4	13.2	13.1	13.2	13.5	13.8	14.2	14.9	15.2
65	12.3	12.4	12.4	12.4	12.4	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	11.2	11.6	11.9	12.4	13.1	13.6
70	8.90	9.19	9.38	9.63	9.86	9.93	9.82	9.62	9.37	9.10	8.79	8.48	8.25	8.57	8.98	9.50	10.1	10.7	11.2
75	6.79	7.17	7.51	7.93	8.28	8.43	8.35	8.17	7.89	7.56	7.15	6.78	6.48	6.86	7.38	7.99	8.60	9.15	9.67
80	3.61	4.15	4.74	5.39	5.87	6.13	6.09	5.96	5.67	5.31	4.76	4.25	3.84	4.31	5.00	5.63	6.23	6.70	7.14
85	1.55	2.16	2.92	3.74	4.33	4.66	4.72	4.67	4.36	3.89	3.21	2.54	2.07	2.59	3.33	4.04	4.64	5.14	5.54
90	0.00	0.41	1.38	2.30	3.01	3.41	3.50	3.43	3.09	2.50	1.65	0.69	0.00	0.56	1.53	2.40	2.82	3.45	4.09
95	0.00	0.38	1.35	2.21	2.83	3.17	3.19	3.09	2.49	2.08	1.32	0.44	0.00	0.44	1.39	2.14	2.55	2.96	3.65
100	0.00	0.38	1.39	2.35	3.01	3.40	3.42	3.27	2.58	1.88	1.24	0.44	0.00	0.44	1.34	2.04	2.67	3.11	3.75
105	0.00	0.38	1.40	2.38	3.10	3.52	3.56	3.38	2.48	1.81	1.34	0.51	0.00	0.49	1.45	2.30	2.42	3.23	3.87
110	0.00	0.24	1.35	2.34	3.10	3.57	3.63	3.41	2.50	2.07	1.33	0.42	0.00	0.41	1.36	2.42	3.03	3.20	3.88
115	0.00	0.15	1.28	2.26	3.03	3.54	3.60	3.11	2.51	1.95	1.17	0.34	0.00	0.30	1.20	2.10	3.02	2.75	3.63
120	0.00	0.05	1.09	2.05	2.82	3.35	3.43	2.86	2.35	1.67	0.98	0.26	0.00	0.15	0.97	1.77	2.59	2.78	3.42
125	0.00	0.00	0.92	1.85	2.59	3.15	3.22	2.70	2.01	1.46	0.84	0.21	0.00	0.07	0.83	1.54	2.24	2.63	3.21
130	0.00	0.00	0.65	1.50	2.19	2.75	2.82	2.19	1.66	1.16	0.64	0.15	0.00	0.02	0.55	1.21	1.75	2.46	2.89
135	0.00	0.00	0.50	1.24	1.89	2.43	2.51	1.83	1.40	0.97	0.53	0.12	0.00	0.00	0.41	1.00	1.47	2.05	2.57
140	0.02	0.00	0.33	0.86	1.41	1.92	1.98	1.34	1.02	0.71	0.39	0.06	0.00	0.00	0.29	0.64	1.07	1.50	2.12
145	0.05	0.00	0.23	0.67	1.10	1.59	1.64	0.92	0.83	0.58	0.32	0.05	0.00	0.00	0.23	0.49	0.84	1.17	1.81
150	0.08	0.00	0.14	0.42	0.70	1.07	1.12	0.70	0.55	0.40	0.25	0.02	0.00	0.02	0.25	0.33	0.49	0.74	1.33
155	0.10	0.02	0.10	0.30	0.51	0.78	0.82	0.51	0.41	0.33	0.20	0.00	0.00	0.04	0.23	0.33	0.36	0.46	0.96
160	0.11	0.04	0.05	0.17	0.29	0.43	0.44	0.30	0.23	0.21	0.10	0.00	0.02	0.07	0.22	0.31	0.21	0.26	0.27
165	0.13	0.07	0.04	0.10	0.18	0.22	0.21	0.18	0.16	0.12	0.04	0.00	0.05	0.08	0.19	0.28	0.21	0.14	0.16
170	0.13	0.11	0.05	0.06	0.08	0.06	0.02	0.02	0.03	0.01	0.00	0.00	0.09	0.10	0.16	0.21	0.18	0.00	0.01
175	0.14	0.12	0.07	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.13	0.18	0.14	0.00	0.00
180	0.13	0.13	0.14	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.10	0.11	0.13	0.11	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-RGBW(2700K)-56-5050-1M-R	WEIGHT:0.129kg/m
DIM.: 15.5*6mm	SPEC.: SERIAL No.:
MFR.:	SUR.:15.5*1000mm PROTECTION ANGLE:/

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	45.2	45.2	45.2	45.2	45.2														
5	45.1	45.2	45.4	45.4	45.5														
10	44.5	44.7	45.0	45.2	45.3														
15	43.6	44.1	44.4	44.6	44.8														
20	41.7	42.3	42.7	43.1	43.3														
25	40.0	40.7	41.2	41.5	41.8														
30	36.9	37.6	38.1	38.5	38.7														
35	34.4	35.1	35.6	35.9	36.0														
40	30.0	30.8	31.2	31.5	31.5														
45	26.9	27.6	28.0	28.2	28.2														
50	22.2	22.9	23.2	23.3	23.2														
55	19.4	20.0	20.1	20.2	20.0														
60	15.6	16.1	16.1	16.0	15.7														
65	13.7	13.9	13.7	13.5	13.2														
70	11.1	11.2	10.8	10.4	9.86														
75	9.62	9.56	9.06	8.45	7.80														
80	7.19	7.08	6.46	5.68	4.76														
85	5.62	5.45	4.77	3.88	2.80														
90	4.18	3.90	3.15	2.07	0.84														
95	3.68	3.39	2.68	1.70	0.65														
100	3.69	3.39	2.74	1.79	0.71														
105	3.79	3.47	2.81	1.84	0.74														
110	3.90	3.55	2.82	1.88	0.76														
115	3.89	3.53	2.81	1.86	0.71														
120	3.78	3.40	2.71	1.77	0.59														
125	3.62	3.25	2.58	1.67	0.52														
130	3.28	2.92	2.31	1.43	0.41														
135	3.00	2.67	2.10	1.24	0.36														
140	2.54	2.26	1.70	1.01	0.27														
145	2.23	1.96	1.42	0.85	0.22														
150	1.68	1.45	1.08	0.63	0.13														
155	1.37	1.18	0.87	0.49	0.09														
160	0.98	0.84	0.58	0.32	0.03														
165	0.73	0.62	0.41	0.20	0.01														
170	0.34	0.30	0.18	0.08	0.00														
175	0.14	0.13	0.05	0.02	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: