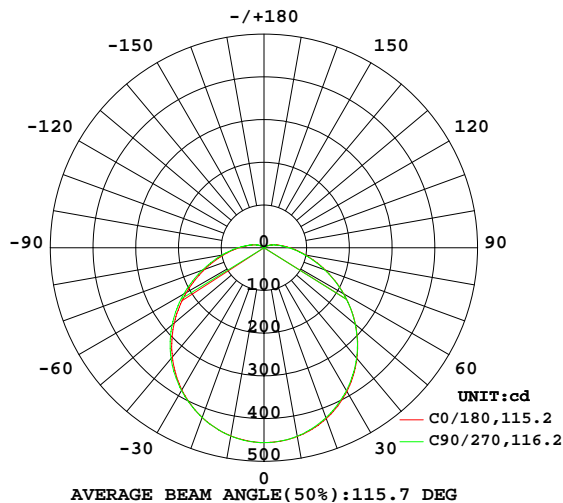


# LUMINAIRE PHOTOMETRIC TEST REPORT

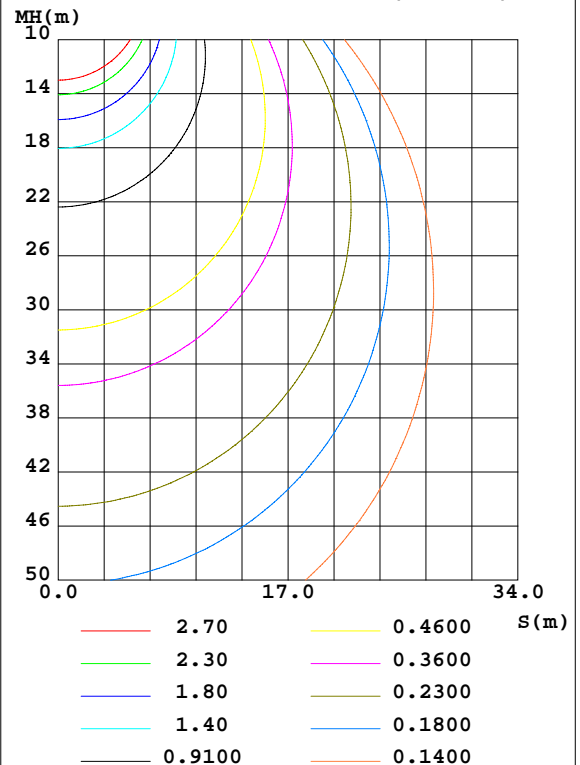
Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.80 lm/W			
MODEL	PSZ2C180830006-10	Imax(cd)	456.3	S/MH(C0/180)	1.26
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1535.8	$\eta$ UP,DN(C0-180)	3.3,46.8
NOMINAL FLUX(lm)	1535.76	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	3.2,46.6
LAMPS INSIDE	1	$\eta$ up(%)	6.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ down(%)	93.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [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	447.3	447.5	447.6	448.1	448.6	448.2	447.8	448.0	0- 10	43.14	43.14	2.81,2.81
20	422.9	423.3	422.8	423.9	425.8	424.2	423.5	423.6	10- 20	123.5	166.6	10.9,10.9
30	384.5	387.2	386.0	385.0	388.3	386.7	385.9	384.4	20- 30	187.3	353.9	23,23
40	333.8	339.8	338.3	334.4	338.4	338.1	337.2	333.4	30- 40	226.9	580.8	37.8,37.8
50	274.2	282.4	280.6	275.6	279.3	280.1	279.0	274.0	40- 50	237.9	818.7	53.3,53.3
60	209.9	218.2	216.7	212.3	215.4	216.0	214.8	210.0	50- 60	220.4	1039	67.7,67.7
70	147.6	154.5	153.5	150.5	152.7	153.0	151.4	148.1	60- 70	180.5	1220	79.4,79.4
80	95.86	100.8	99.98	98.47	99.22	98.88	97.38	95.47	70- 80	130.6	1350	87.9,87.9
90	58.41	61.52	60.74	59.98	60.53	59.95	58.74	57.86	80- 90	84.76	1435	93.4,93.4
100	34.65	36.31	35.60	34.98	35.52	35.15	34.42	34.09	90-100	50.61	1486	96.7,96.7
110	19.90	20.75	20.13	19.47	19.83	19.64	19.36	19.39	100-110	28.52	1514	98.6,98.6
120	9.922	10.46	9.737	10.80	9.241	9.229	9.189	9.551	110-120	14.38	1529	99.5,99.5
130	2.812	3.117	2.503	1.898	3.186	2.016	2.198	2.564	120-130	5.340	1534	99.9,99.9
140	0.4867	0.6003	0.5709	0.6190	0.3750	0.3850	0.4194	0.4236	130-140	0.7629	1535	99.9,99.9
150	0.6974	0.8376	0.8231	1.800	0.3601	0.5035	0.5867	0.4926	140-150	0.3804	1535	100,100
160	0.8204	1.002	1.094	1.352	0.6090	0.7902	0.7495	0.8903	150-160	0.3998	1535	100,100
170	0.7408	0.9445	0.9729	0.9713	0.8941	0.8005	0.6134	0.9247	160-170	0.2563	1536	100,100
180	0.5855	0.5567	0.5843	0.5879	0.5905	0.5880	0.5863	0.5890	170-180	0.0832	1536	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 11.6 %									UNIT:lm		

Conical surface Flux(90deg): 700.22 lm

%lum = 45.6%

%lamp = 45.6%

Conical surface Flux(120deg): 1039.1 lm

%lum = 67.7%

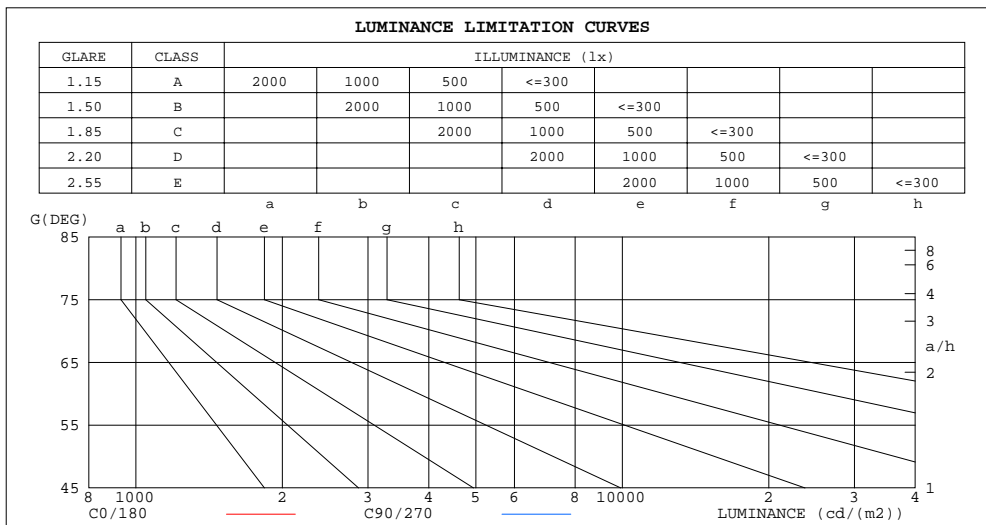
%lamp = 67.7%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

### LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	865050	900171
80	552022	575860
75	464099	482806
70	431687	448814
65	421122	436754
60	419735	433458
55	422297	434296
50	426631	436649
45	431075	439418

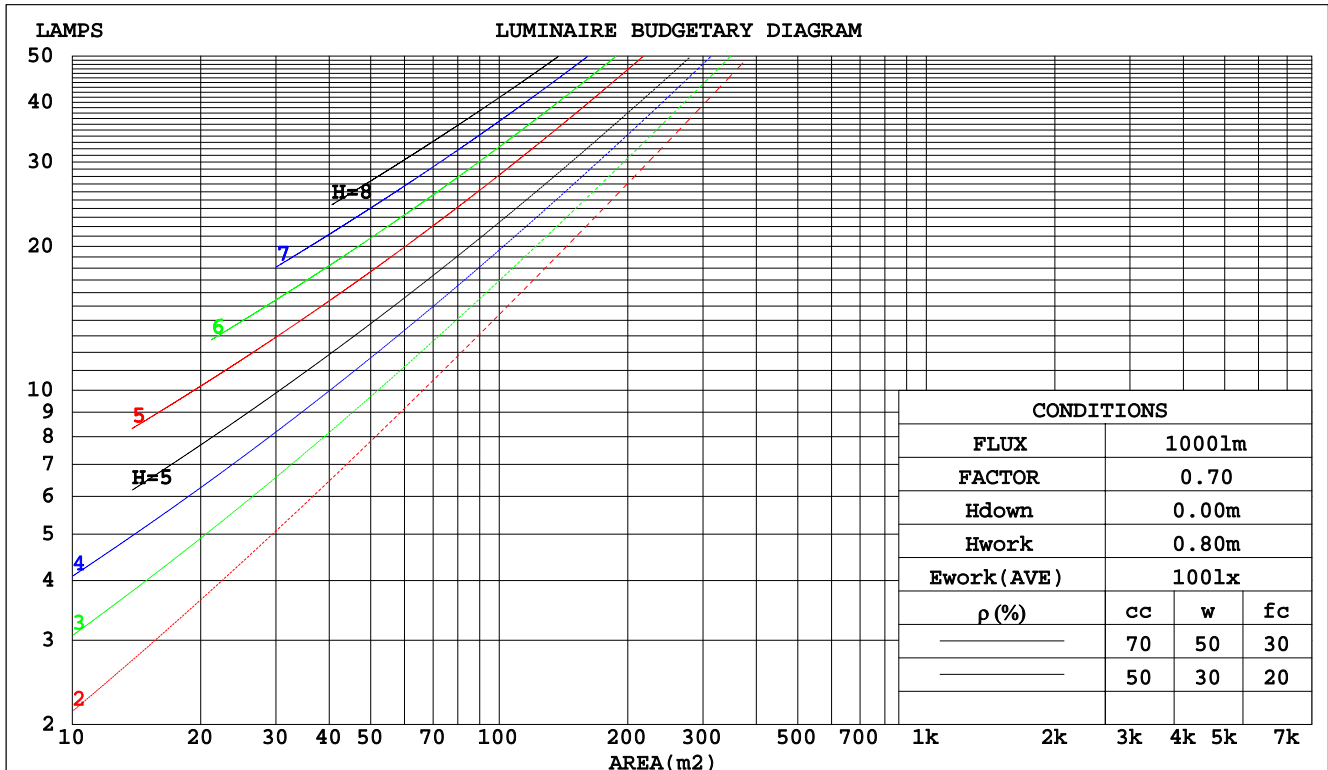
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1.0	.00	.95	.90	.97	.92	.88	.91	.88	.84	.86	.83	.81	.82	.79	.77	.74
2.0	.86	.79	.72	.84	.77	.71	.79	.73	.68	.75	.70	.66	.71	.67	.63	.61
3.0	.75	.67	.60	.73	.65	.59	.69	.62	.57	.66	.60	.55	.62	.57	.53	.51
4.0	.66	.57	.50	.65	.56	.49	.61	.54	.48	.58	.52	.47	.55	.50	.45	.43
5.0	.59	.50	.43	.58	.49	.42	.55	.47	.41	.52	.45	.40	.50	.44	.39	.37
6.0	.53	.44	.37	.52	.43	.37	.49	.42	.36	.47	.40	.35	.45	.39	.34	.32
7.0	.48	.39	.33	.47	.39	.33	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.28	.39	.33	.28	.38	.32	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.38	.31	.25	.36	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.36	.29	.24	.35	.28	.23	.33	.27	.23	.32	.26	.22	.20



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm					
NAME: 4347-13 Ceiling Mount Light			TYPE:N/A		WEIGHT:N/A
SPEC.:N/A			DIM.: N/A		SERIAL No.:N/A
MFR.:			SUR.:N/A		Shielding Angle:N/A

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	.356	.202	.064	.347	.198	.063	.330	.189	.060	.314	.181	.058	.299	.173	.056	
2.0	.317	.174	.053	.309	.170	.052	.293	.163	.051	.279	.157	.049	.266	.151	.047	
3.0	.286	.152	.046	.279	.149	.045	.265	.143	.044	.252	.138	.042	.240	.133	.041	
4.0	.260	.135	.040	.253	.133	.039	.241	.128	.038	.229	.123	.037	.219	.119	.036	
5.0	.238	.121	.035	.232	.119	.035	.221	.115	.034	.211	.111	.033	.201	.107	.032	
6.0	.219	.110	.031	.214	.108	.031	.204	.104	.030	.194	.101	.030	.186	.098	.029	
7.0	.203	.100	.028	.198	.099	.028	.189	.096	.028	.180	.093	.027	.173	.090	.026	
8.0	.189	.092	.026	.184	.091	.026	.176	.088	.025	.168	.085	.025	.161	.083	.024	
9.0	.176	.085	.024	.172	.084	.024	.165	.081	.023	.158	.079	.023	.151	.077	.022	
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.148	.074	.021	.142	.072	.021	

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	.240	.240	.240	.206	.206	.206	.140	.140	.140	.081	.081	.081	.026	.026	.026	
1.0	.234	.206	.181	.200	.177	.156	.137	.122	.108	.079	.070	.063	.025	.023	.020	
2.0	.226	.183	.146	.194	.157	.126	.133	.109	.088	.077	.063	.051	.025	.020	.017	
3.0	.219	.165	.123	.187	.143	.107	.129	.099	.075	.074	.058	.044	.024	.019	.014	
4.0	.211	.152	.108	.181	.132	.094	.124	.092	.066	.072	.054	.039	.023	.018	.013	
5.0	.203	.142	.097	.174	.123	.085	.120	.086	.060	.070	.050	.036	.022	.016	.012	
6.0	.196	.134	.090	.168	.116	.078	.116	.081	.055	.067	.048	.033	.022	.016	.011	
7.0	.189	.127	.084	.162	.110	.074	.112	.077	.052	.065	.046	.031	.021	.015	.010	
8.0	.182	.122	.080	.157	.105	.070	.108	.074	.050	.063	.044	.030	.020	.014	.010	
9.0	.176	.117	.077	.151	.101	.067	.105	.071	.048	.061	.042	.028	.020	.014	.009	
10.0	.170	.112	.074	.146	.098	.065	.102	.069	.046	.059	.041	.027	.019	.013	.009	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-08-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.445m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm											
NAME: 4347-13 Ceiling Mount Light					TYPE:N/A			WEIGHT:N/A			
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A			
MFR.:					SUR.:N/A			Shielding Angle:N/A			
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		33.4	34.9	33.8	35.2	35.6	33.6	35.0	33.9	35.4	35.7
	3H	35.2	36.6	35.6	37.0	37.3	35.4	36.8	35.8	37.1	37.5
	4H	36.1	37.4	36.5	37.8	38.2	36.3	37.6	36.7	38.0	38.4
	6H	37.0	38.3	37.5	38.7	39.1	37.2	38.5	37.7	38.9	39.3
	8H	37.5	38.7	38.0	39.1	39.6	37.7	38.9	38.2	39.3	39.8
	12H	38.1	39.2	38.5	39.6	40.1	38.3	39.4	38.7	39.9	40.3
4H	2H	34.1	35.4	34.5	35.8	36.2	34.2	35.5	34.6	35.9	36.3
	3H	36.2	37.3	36.6	37.7	38.2	36.3	37.4	36.7	37.8	38.3
	4H	37.2	38.3	37.7	38.7	39.2	37.3	38.4	37.8	38.8	39.3
	6H	38.3	39.2	38.8	39.7	40.2	38.5	39.4	39.0	39.9	40.4
	8H	38.9	39.8	39.4	40.3	40.8	39.1	39.9	39.6	40.4	41.0
	12H	39.6	40.4	40.1	40.9	41.4	39.7	40.6	40.3	41.1	41.6
8H	4H	37.7	38.5	38.2	39.0	39.6	37.8	38.7	38.3	39.1	39.7
	6H	39.0	39.8	39.6	40.3	40.8	39.2	39.9	39.7	40.4	41.0
	8H	39.8	40.4	40.3	41.0	41.6	39.9	40.6	40.5	41.1	41.7
	12H	40.6	41.2	41.2	41.8	42.4	40.8	41.4	41.4	42.0	42.6
12H	4H	37.7	38.5	38.3	39.1	39.6	37.8	38.7	38.4	39.2	39.7
	6H	39.2	39.9	39.8	40.4	41.0	39.3	40.0	39.9	40.5	41.1
	8H	40.1	40.6	40.6	41.2	41.8	40.2	40.8	40.8	41.3	42.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2				+ 0.1 / - 0.1					
1.5H		+ 0.2 / - 0.3				+ 0.2 / - 0.3					
2.0H		+ 0.2 / - 0.4				+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1536 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.5)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

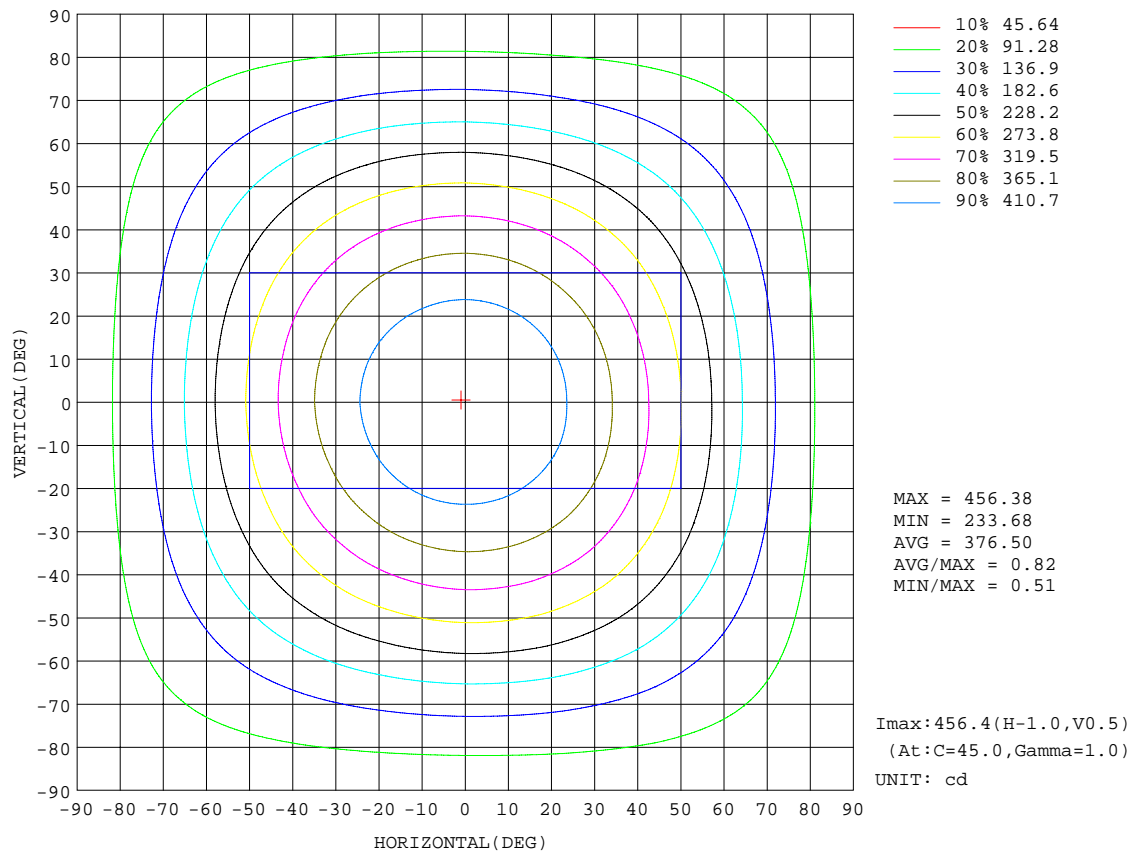
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	34	53	41	34	51	40	34	27
0.80	63	51	43	62	50	43	60	49	42	35
1.00	71	59	51	70	58	51	67	59	50	42
1.25	78	66	58	76	65	58	73	64	57	49
1.50	83	72	64	81	71	63	77	69	62	53
2.00	90	80	73	88	79	72	83	76	70	61
2.50	94	85	78	92	83	77	87	80	74	65
3.00	98	89	83	95	87	81	90	84	79	68
4.00	102	95	89	99	93	88	94	89	84	73
5.00	105	99	93	102	96	92	96	92	88	76
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-08-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.445m [K=1.0000]  
 Remarks:

### ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



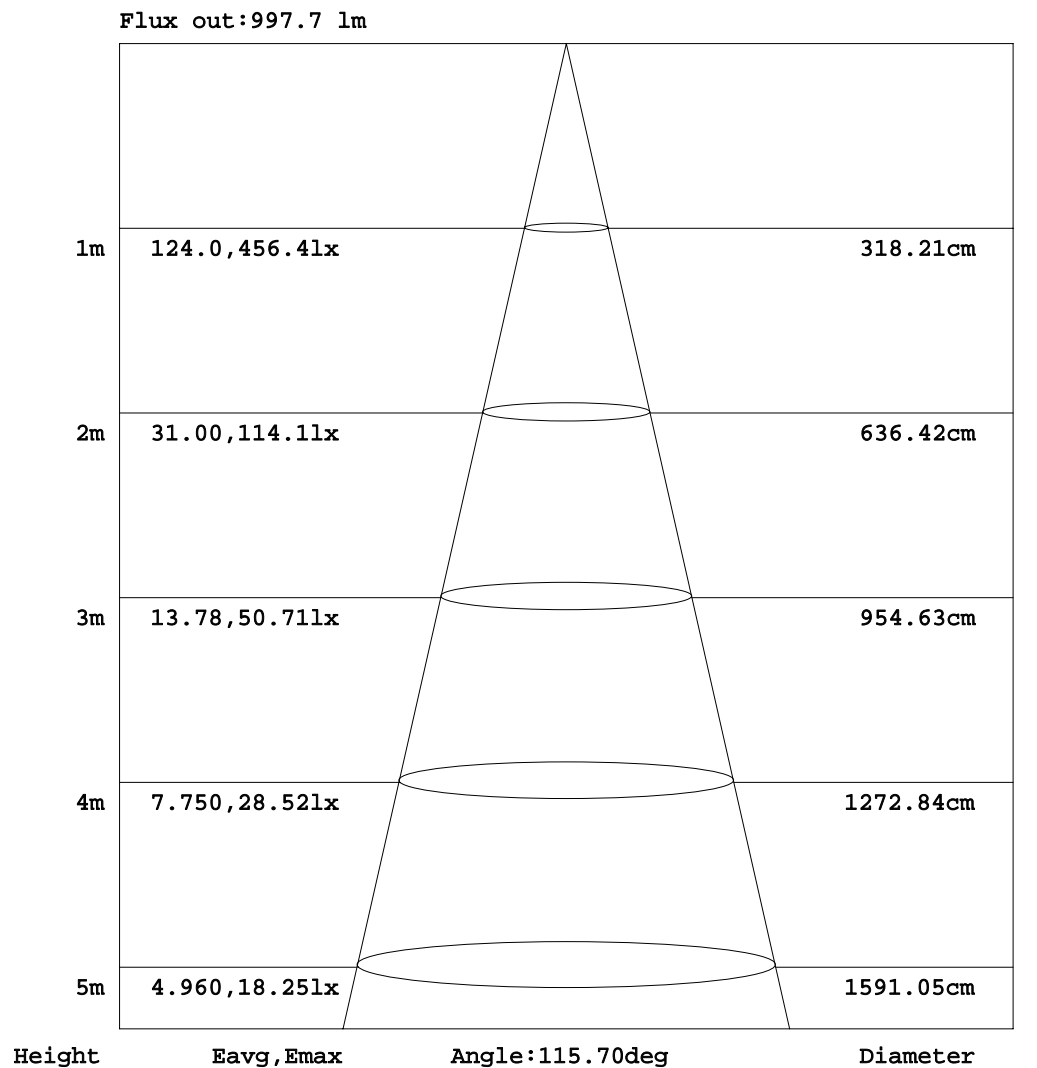
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2018-08-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 45%  
 Test Distance: 2.445m [K=1.0000]  
 Remarks:



## AAI Figure

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



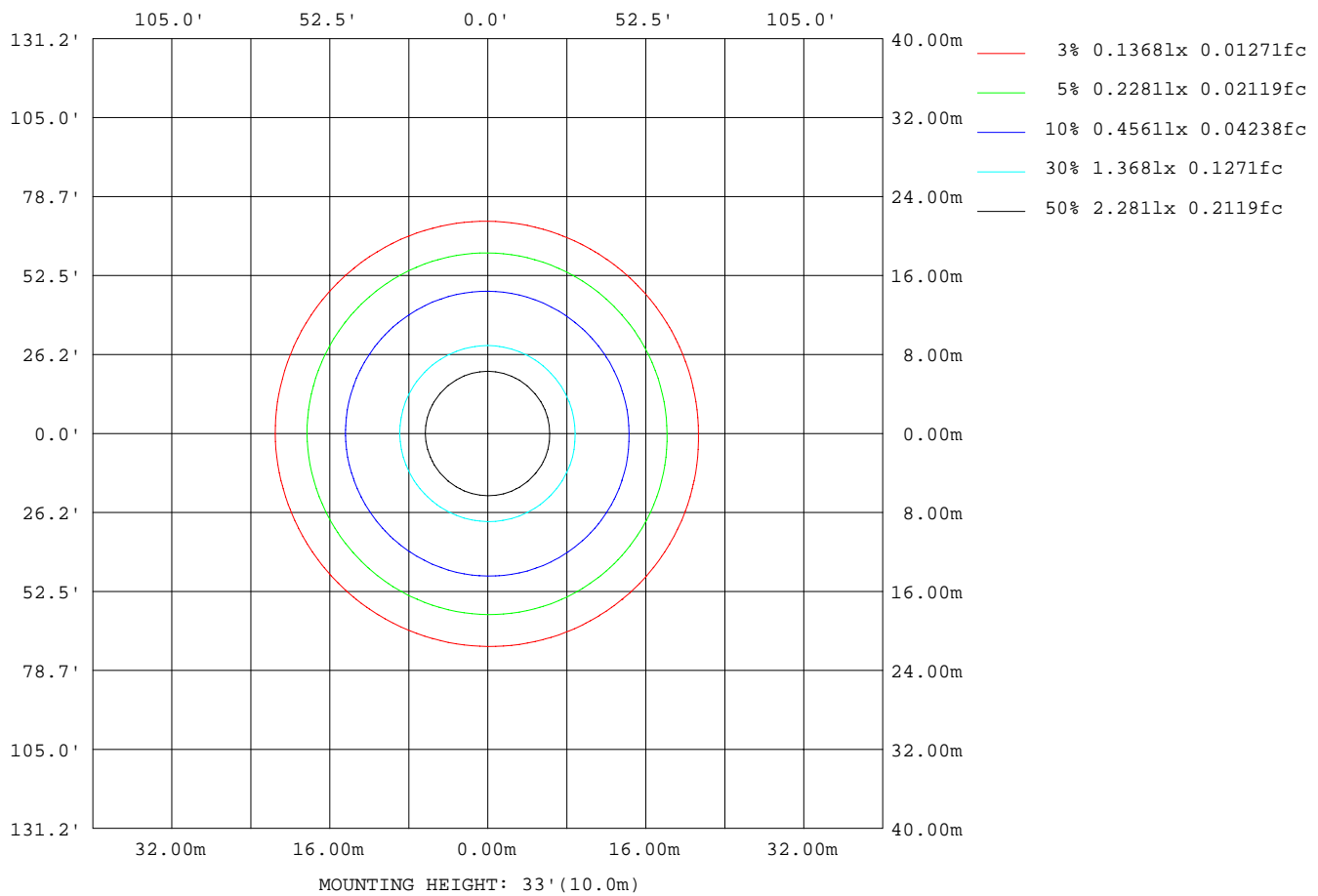
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm		
NAME: 4347-13 Ceiling Mount Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

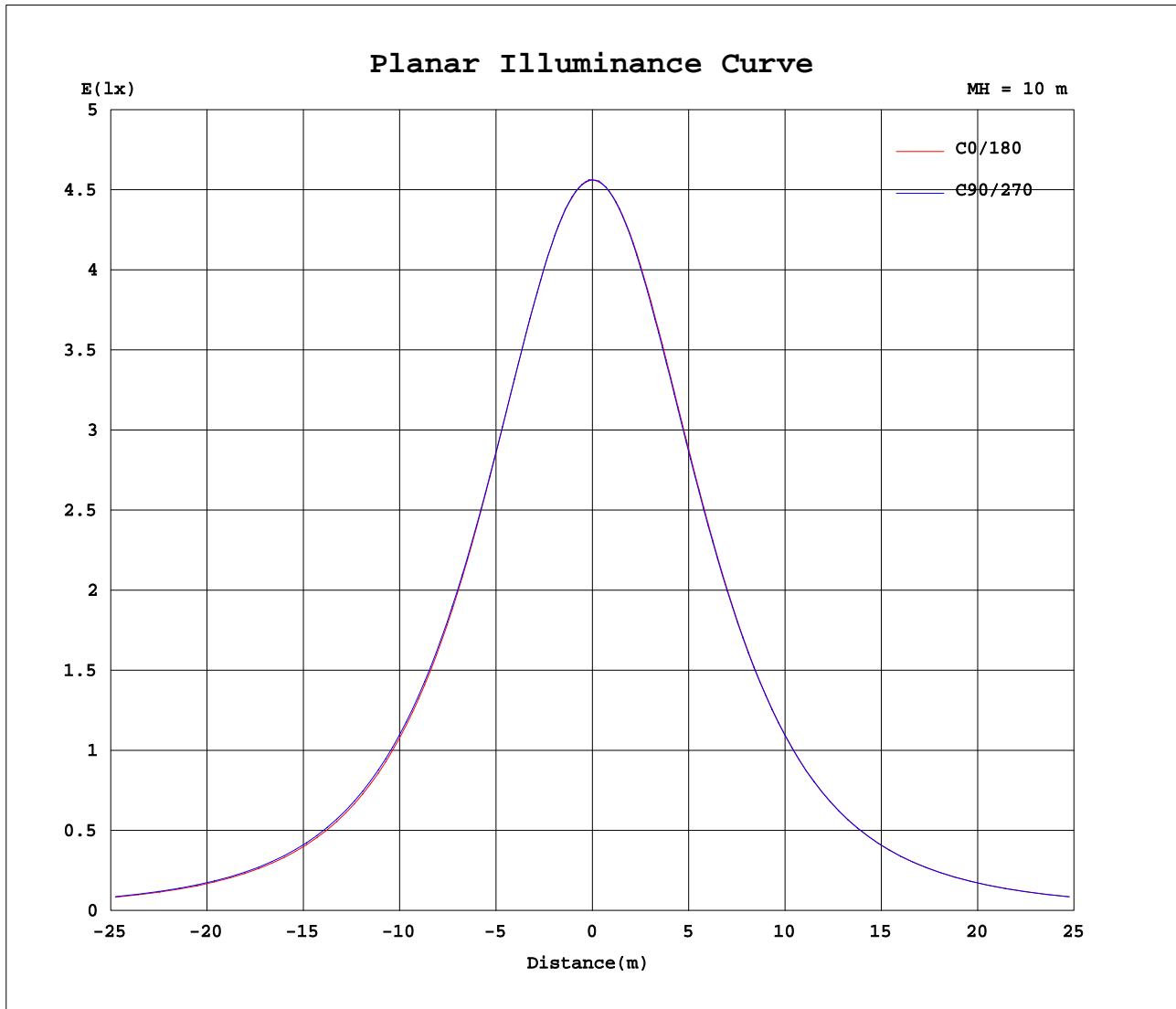
AvgL	cd/m2
L_0~180(65)av	427472
L_0~180(75)av	471546
L_0~180(85)av	880161
L_90~270(65)av	434284
L_90~270(75)av	477749
L_90~270(85)av	886733
L_45(65)av	431254
L_45(75)av	475964
L_45(85)av	886561

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
Operators:  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2018-08-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 45%  
 Test Distance: 2.445m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1668A P:19.74W PF:0.9863 Lamp Flux:1535.76x1 lm																	
NAME: 4347-13 Ceiling Mount Light									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.:									SUR.:N/A						Shielding Angle:N/A		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456			
5	454	454	454	453	454	454	454	454	454	454	455	454	454	454	454	454			
10	447	447	448	447	448	448	448	448	449	449	448	448	448	447	448	448			
15	437	437	437	436	437	437	438	438	439	439	438	437	437	437	438	438			
20	423	424	423	423	423	423	424	424	426	425	424	423	423	423	424	424			
25	405	407	407	406	406	405	406	407	409	408	407	406	406	406	405	406			
30	385	386	387	387	386	385	385	385	388	388	387	386	386	385	384	384			
35	360	363	365	364	363	361	361	362	365	365	364	363	363	361	360	360			
40	334	338	340	340	338	335	334	335	338	339	338	338	337	335	333	333			
45	305	310	312	312	311	307	306	306	310	310	310	310	309	306	304	304			
50	274	279	282	283	281	277	276	276	279	280	280	280	279	276	274	273			
55	242	248	251	251	249	246	244	244	248	248	249	248	247	244	242	241			
60	210	215	218	219	217	214	212	213	215	215	216	216	215	212	210	209			
65	178	183	186	186	185	182	181	181	183	183	184	184	183	180	178	177			
70	148	152	155	155	153	151	151	151	153	152	153	153	151	149	148	147			
75	120	124	126	126	125	123	123	123	124	124	124	124	122	120	120	119			
80	95.9	98.9	101	101	100.0	98.9	98.5	98.5	99.2	98.7	98.9	98.5	97.4	95.8	95.5	95.2			
85	75.4	77.8	79.3	79.2	78.4	77.7	77.5	77.4	78.0	77.6	77.5	77.1	76.1	74.9	74.8	74.7			
90	58.4	60.3	61.5	61.4	60.7	60.2	60.0	60.0	60.5	60.0	60.0	59.5	58.7	57.9	57.9	58.0			
95	45.0	46.3	47.3	47.0	46.5	46.0	45.9	45.9	46.5	46.1	46.0	45.6	45.1	44.5	44.5	44.8			
100	34.6	35.7	36.3	36.1	35.6	35.2	35.0	35.0	35.5	35.3	35.2	34.9	34.4	34.1	34.1	34.4			
105	26.5	27.2	27.7	27.5	27.0	26.6	26.4	26.4	26.8	26.7	26.6	26.3	26.1	25.8	25.9	26.3			
110	19.9	20.4	20.8	20.6	20.1	19.7	19.5	19.4	19.8	19.8	19.6	19.5	19.4	19.3	19.4	19.7			
115	14.5	15.0	15.2	15.0	14.5	14.1	13.8	13.7	14.1	14.1	14.0	13.9	13.9	13.9	14.1	14.5			
120	9.92	10.3	10.5	11.5	9.74	9.30	10.8	8.94	9.24	9.24	9.23	9.25	9.19	9.25	9.55	9.84			
125	5.99	6.35	6.40	6.85	5.67	5.21	5.40	5.54	6.10	5.35	5.15	5.27	5.25	5.34	5.68	6.42			
130	2.81	3.30	3.12	2.89	2.50	2.08	1.90	2.12	3.19	2.36	2.02	2.17	2.20	2.35	2.56	2.92			
135	0.79	0.89	0.97	0.80	0.60	0.45	0.49	0.51	0.49	0.39	0.35	0.40	0.40	0.52	0.64	0.78			
140	0.49	0.75	0.60	0.59	0.57	0.63	0.62	0.60	0.38	0.42	0.38	0.40	0.42	0.41	0.42	0.43			
145	0.76	0.72	0.73	0.71	0.70	0.90	0.78	0.70	0.52	0.40	0.50	0.44	0.51	0.52	0.46	0.46			
150	0.70	0.84	0.84	0.82	0.82	1.10	1.80	0.86	0.36	0.36	0.50	0.51	0.59	0.61	0.49	0.50			
155	0.77	0.96	0.94	0.92	0.98	1.19	2.40	1.05	0.50	0.45	0.64	0.61	0.67	0.73	0.76	0.56			
160	0.82	0.99	1.00	0.98	1.09	1.23	1.35	1.24	0.61	0.69	0.79	0.63	0.75	0.81	0.89	0.60			
165	0.79	0.88	0.88	0.97	1.13	1.22	1.09	1.20	0.75	0.78	0.86	0.69	0.79	0.86	0.84	0.71			
170	0.74	0.96	0.94	1.05	0.97	1.17	0.97	1.21	0.89	0.89	0.80	0.73	0.61	0.93	0.92	0.84			
175	0.68	0.93	0.93	0.92	0.93	1.08	0.93	0.93	0.76	0.76	0.76	0.71	0.58	0.72	0.85	0.94			
180	0.59	0.53	0.56	0.58	0.58	0.59	0.59	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: 10.0deg/s  
Temperature:25.3DEG  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:45%  
Test Distance:2.445m [K=1.0000]  
Remarks: