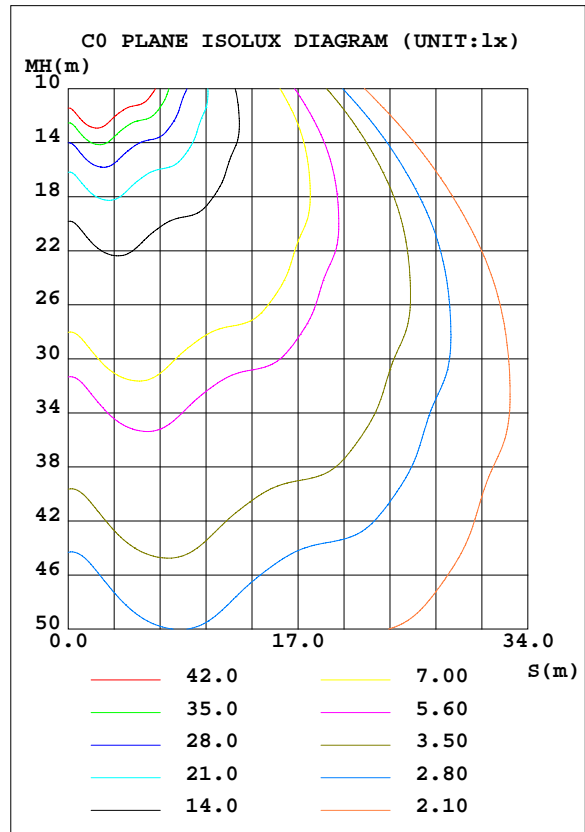
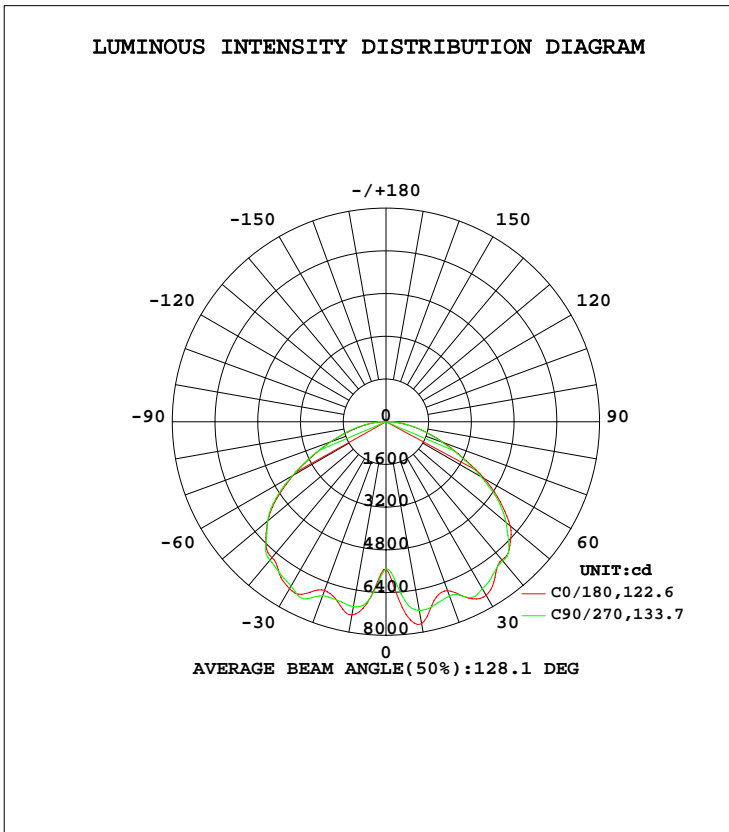


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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: 140.24 lm/W			
MODEL	RSZ180104503-10	I <sub>max</sub> (cd)	7691	S/MH(C0/180)	1.80
NOMINAL POWER(W)	180	LOR(%)	100.0	S/MH(C90/270)	1.78
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	25165	η UP, DN(C0-180)	0.5,49.2
NOMINAL FLUX(lm)	25164.6	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4,49.9
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	99.1	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [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	7350	7026	7032	7447	7681	7388	7168	6973	0- 10	653.0	653.0	2.59,2.59
20	6727	6796	6935	6842	6732	6864	6945	6785	10- 20	1978	2631	10.5,10.5
30	7218	7046	7110	7236	7504	7343	7222	7016	20- 30	3291	5922	23.5,23.5
40	6642	6641	6762	6758	6758	6812	6807	6636	30- 40	4348	10270	40.8,40.8
50	5776	5724	5788	5834	6075	5933	5872	5770	40- 50	4932	15203	60.4,60.4
60	4003	3931	4069	4040	4235	4124	4104	3955	50- 60	4476	19679	78.2,78.2
70	2214	2168	2209	2204	2302	2216	2225	2269	60- 70	3052	22731	90.3,90.3
80	912.2	939.7	971.5	966.1	1004	1015	1040	971.2	70- 80	1645	24376	96.9,96.9
90	202.8	226.9	206.3	203.1	205.7	205.9	210.0	205.8	80- 90	566.5	24942	99.1,99.1
100	70.33	79.88	79.32	72.87	64.16	71.88	82.04	79.01	90-100	145.4	25088	99.7,99.7
110	19.32	20.92	23.62	18.53	17.42	18.61	21.16	19.06	100-110	46.37	25134	99.9,99.9
120	4.161	4.391	4.167	4.091	3.671	3.742	3.765	3.777	110-120	9.426	25143	99.9,99.9
130	5.273	5.241	5.260	5.270	4.725	4.945	4.921	4.886	120-130	4.007	25147	99.9,99.9
140	7.546	7.022	7.083	7.085	5.578	5.801	5.830	5.695	130-140	4.400	25152	99.9,99.9
150	10.69	10.18	10.28	10.30	6.373	6.755	6.737	6.522	140-150	4.671	25156	100,100
160	12.98	12.54	12.56	12.71	7.606	7.855	7.941	7.670	150-160	4.327	25161	100,100
170	11.85	11.71	11.76	11.91	8.300	8.359	8.592	8.346	160-170	2.906	25164	100,100
180	10.09	10.01	10.04	10.04	10.11	10.16	10.18	10.16	170-180	0.9705	25165	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 6.3 %									UNIT:lm		

Conical surface Flux(90deg): 12727 lm

%lum = 50.6%  
 %lamp = 50.6%

Conical surface Flux(120deg): 19679 lm

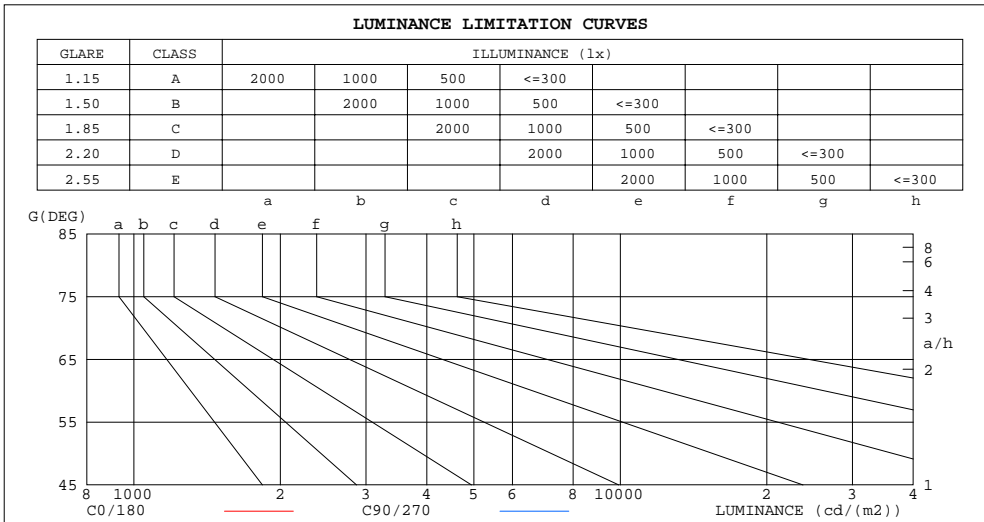
%lum = 78.2%  
 %lamp = 78.2%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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	51660	54108
80	51479	55038
75	55486	58758
70	63439	63541
65	70208	71595
60	78453	80054
55	85105	86679
50	88053	88591
45	88206	88396

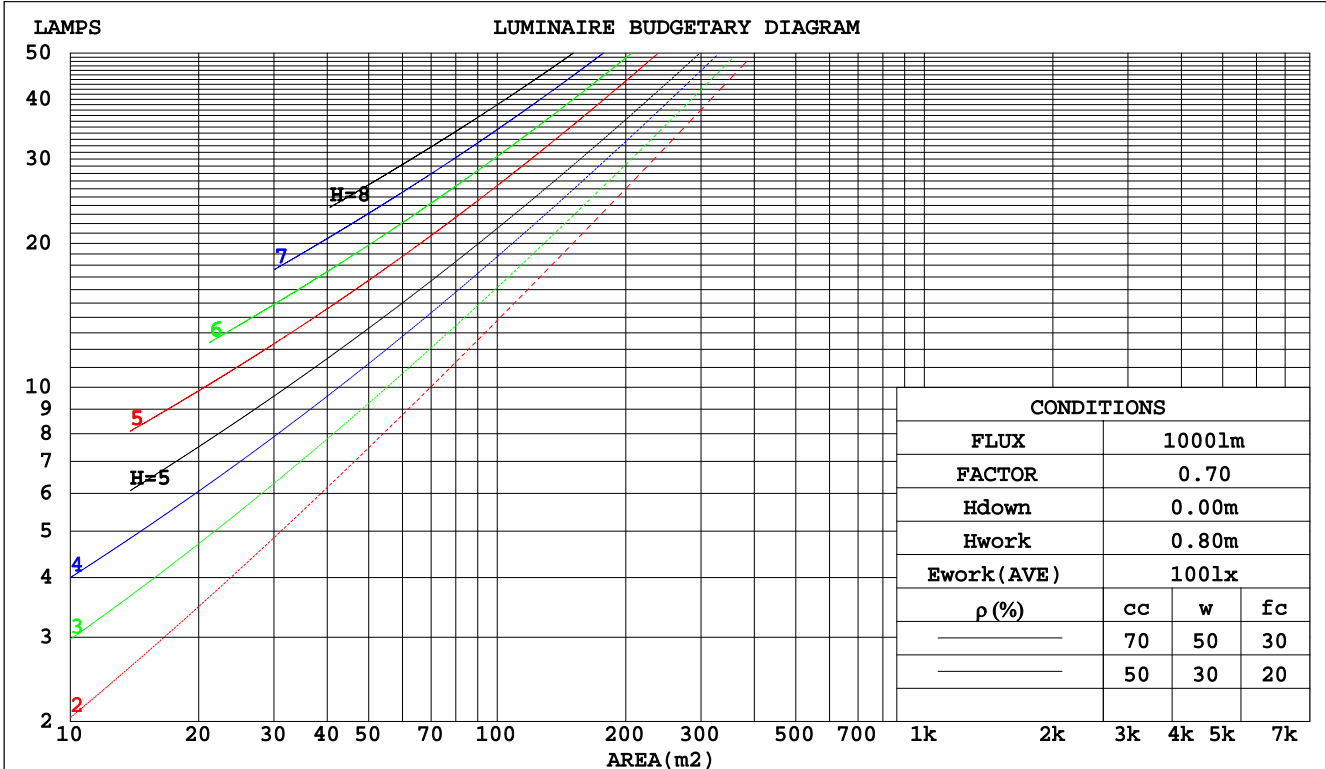
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																0
RCR	RCR:Room Cavity Ratio      Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.34	.49	.40	.34	.47	.39	.34	.45	.39	.33	.44	.38	.33	.31
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.24
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.316	.180	.057	.309	.176	.056	.295	.169	.054	.282	.163	.052	.271	.157	.051	
2.0	.297	.163	.050	.291	.160	.049	.278	.155	.048	.267	.150	.047	.257	.145	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.239	.132	.041	
4.0	.254	.132	.039	.249	.130	.039	.239	.127	.038	.230	.124	.037	.222	.121	.037	
5.0	.235	.120	.035	.230	.118	.034	.222	.115	.034	.214	.113	.034	.206	.110	.033	
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.199	.103	.030	.192	.101	.030	
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.093	.027	
8.0	.189	.093	.026	.186	.092	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.177	.086	.024	.174	.085	.024	.169	.084	.024	.164	.082	.023	.159	.081	.023	
10.0	.167	.080	.022	.164	.079	.022	.159	.078	.022	.154	.077	.022	.150	.075	.022	

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	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.163	.141	.160	.140	.121	.110	.096	.084	.063	.056	.049	.020	.018	.016	
2.0	.180	.139	.104	.154	.119	.090	.106	.083	.063	.061	.048	.037	.020	.016	.012	
3.0	.172	.121	.080	.148	.105	.070	.101	.073	.049	.059	.042	.029	.019	.014	.009	
4.0	.165	.108	.064	.142	.093	.056	.097	.065	.039	.056	.038	.023	.018	.012	.008	
5.0	.158	.098	.053	.135	.085	.046	.093	.059	.033	.054	.035	.019	.017	.011	.006	
6.0	.151	.089	.045	.129	.077	.040	.089	.054	.028	.052	.032	.017	.017	.010	.005	
7.0	.144	.083	.040	.124	.072	.035	.086	.050	.024	.050	.030	.015	.016	.010	.005	
8.0	.137	.077	.035	.118	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
9.0	.131	.072	.032	.113	.062	.028	.078	.044	.020	.046	.026	.012	.015	.009	.004	
10.0	.126	.068	.029	.108	.059	.025	.075	.041	.018	.044	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm										
NAME: high bay					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	28.3	29.8	28.6	30.1	30.3	28.4	29.9	28.6	30.1	30.3
3H	29.5	30.9	29.8	31.2	31.4	29.6	31.0	29.9	31.2	31.5
4H	30.0	31.3	30.3	31.6	31.9	30.0	31.4	30.4	31.7	32.0
6H	30.3	31.6	30.6	31.9	32.2	30.4	31.7	30.8	32.0	32.3
8H	30.4	31.6	30.8	31.9	32.2	30.6	31.8	30.9	32.1	32.4
12H	30.5	31.7	30.9	32.0	32.3	30.6	31.8	31.0	32.1	32.5
4H 2H	28.8	30.2	29.1	30.4	30.7	28.8	30.2	29.2	30.5	30.7
3H	30.2	31.4	30.5	31.7	32.0	30.2	31.4	30.6	31.7	32.1
4H	30.7	31.8	31.1	32.2	32.5	30.8	31.9	31.2	32.3	32.6
6H	31.2	32.2	31.6	32.5	32.9	31.4	32.3	31.8	32.7	33.1
8H	31.4	32.3	31.8	32.7	33.1	31.5	32.4	32.0	32.8	33.2
12H	31.5	32.4	32.0	32.8	33.2	31.7	32.5	32.1	32.9	33.3
8H 4H	31.0	31.9	31.4	32.2	32.7	31.1	31.9	31.5	32.3	32.7
6H	31.6	32.3	32.1	32.8	33.2	31.7	32.5	32.2	32.9	33.3
8H	31.9	32.5	32.3	33.0	33.4	32.0	32.6	32.5	33.1	33.6
12H	32.1	32.7	32.6	33.1	33.6	32.2	32.8	32.7	33.3	33.8
12H 4H	31.0	31.8	31.4	32.2	32.6	31.1	31.9	31.5	32.3	32.7
6H	31.7	32.3	32.1	32.8	33.2	31.8	32.4	32.2	32.9	33.3
8H	32.0	32.5	32.4	33.0	33.5	32.1	32.6	32.6	33.1	33.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.4				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 25165 lm Total Lamp Luminous Flux. (8log(F/F0) = 11.2)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

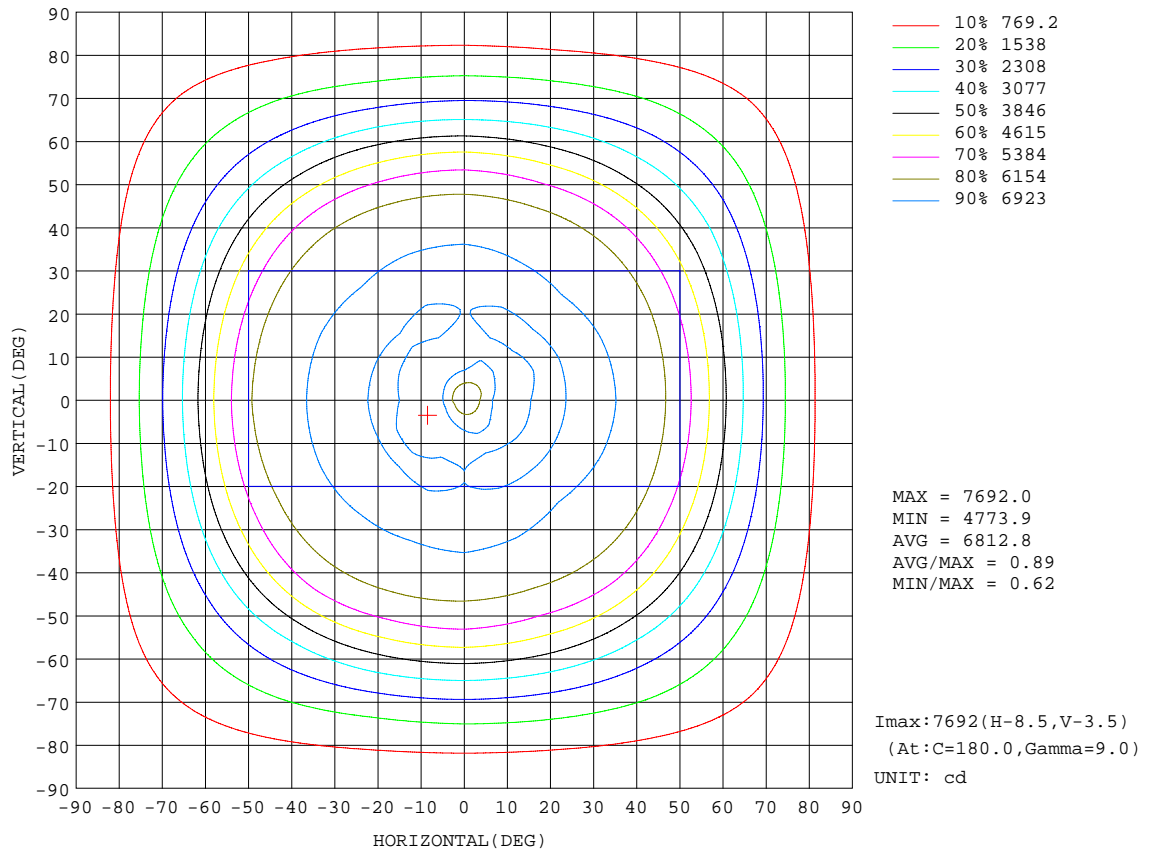
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	35	53	42	35	29
0.80	65	53	46	64	53	45	62	52	45	38
1.00	74	63	55	73	62	55	71	64	54	47
1.25	82	71	63	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	82	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	89	99	93	87	95	90	85	76
4.00	105	100	95	103	98	93	99	94	90	81
5.00	108	103	99	105	101	97	101	97	94	84
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:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

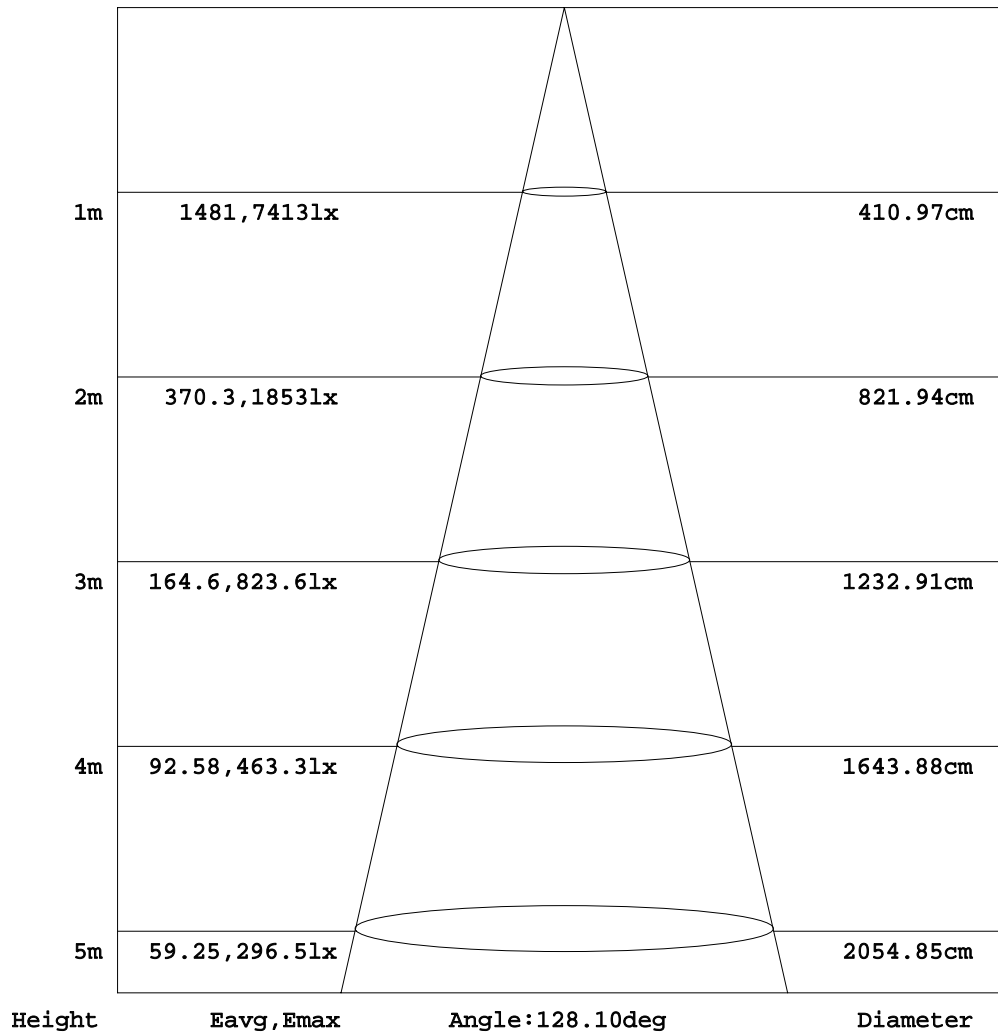
y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

Flux out:21401 lm



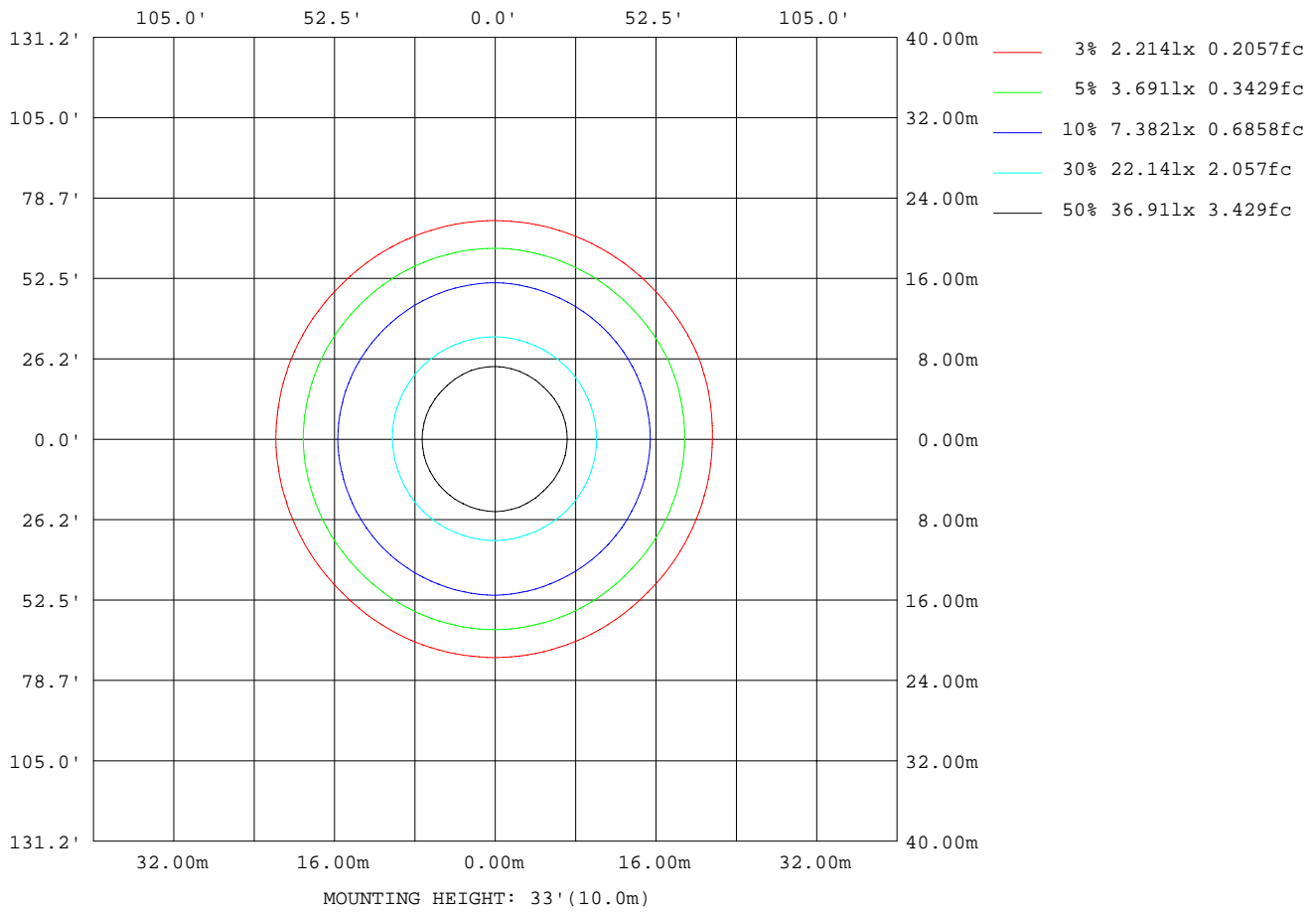
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

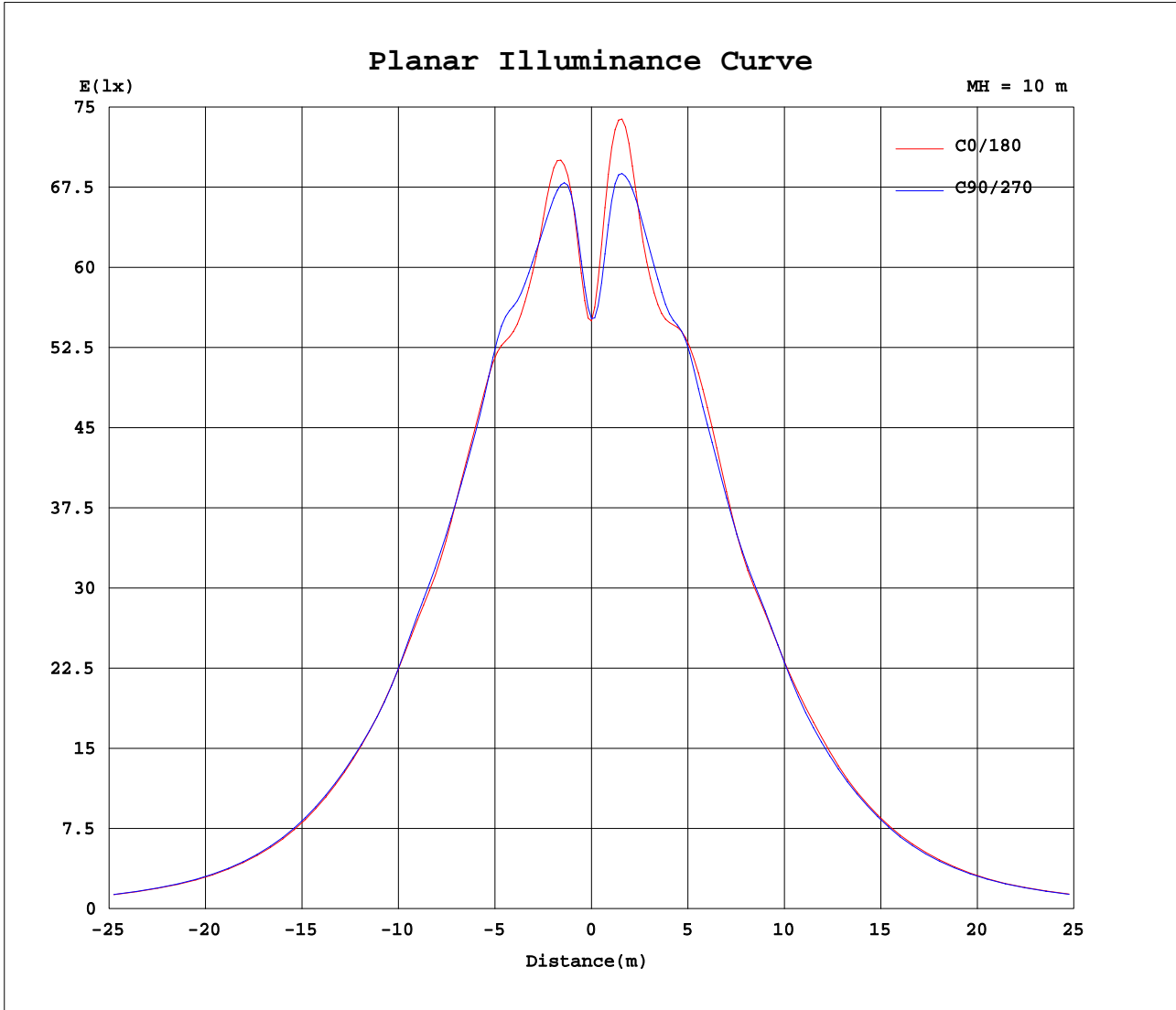
AvgL	cd/m2
L_0~180(65)av	71821
L_0~180(75)av	58025
L_0~180(85)av	53067
L_90~270(65)av	71689
L_90~270(75)av	59051
L_90~270(85)av	54428
L_45(65)av	70337
L_45(75)av	58587
L_45(85)av	54226

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature:25.2DEG  
 Operators:ben  
 Test Date:2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: 10.0deg/s  
 Temperature: 25.2DEG  
 Operator: ben  
 Test Date: 2018-01-08

y Range: 0 - 180DEG  
 y Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 45%  
 Test Distance: 2.451m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:1.501A P:179.4W PF:0.9957 Lamp Flux:25164.6x1 lm		
NAME: high bay	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	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516	5516			
5	6590	6573	6520	6519	6597	6740	6885	7012	6972	6890	6739	6606	6464	6305	6248	6328			
10	7350	7209	7026	6986	7032	7124	7447	7667	7681	7571	7388	7247	7168	6913	6973	7203			
15	6982	6962	6901	6849	6933	6880	7035	7087	6944	7087	7081	6969	7093	6941	6965	7109			
20	6727	6701	6796	6802	6935	6782	6842	6797	6732	6744	6864	6715	6945	6781	6785	6734			
25	7099	7132	7151	7152	7316	7174	7251	7256	7280	7308	7338	7094	7255	7060	7076	6993			
30	7218	7073	7046	7085	7110	7174	7236	7245	7504	7287	7343	7353	7222	7093	7016	6996			
35	6961	6864	6753	6869	6930	6893	6917	6991	7117	7031	6923	7013	6989	6881	6784	6873			
40	6642	6700	6641	6686	6762	6711	6758	6775	6758	6873	6812	6741	6807	6714	6636	6686			
45	6364	6350	6313	6266	6353	6363	6446	6434	6560	6613	6614	6559	6513	6391	6373	6335			
50	5776	5717	5724	5674	5788	5769	5834	5888	6075	5977	5933	5883	5872	5756	5770	5778			
55	4981	4922	4934	4922	5054	5039	5133	5123	5225	5171	5137	5101	5119	4981	4977	4973			
60	4003	3953	3931	3991	4069	4042	4040	4096	4235	4192	4124	4115	4104	3998	3955	4009			
65	3028	2979	2968	3032	3076	3054	2993	3045	3148	3137	3076	3095	3089	3070	3059	3116			
70	2214	2177	2168	2197	2209	2194	2204	2211	2302	2261	2216	2192	2225	2228	2269	2279			
75	1465	1482	1529	1537	1546	1495	1517	1514	1590	1577	1573	1537	1564	1543	1551	1529			
80	912	944	940	952	971	939	966	963	1004	1014	1015	1001	1040	972	971	970			
85	459	469	477	486	479	481	476	476	482	498	495	500	486	480	475	464			
90	203	209	227	225	206	224	203	193	206	204	206	217	210	229	206	203			
95	132	140	127	124	139	130	125	129	120	128	132	120	133	123	126	130			
100	70.3	73.5	79.9	84.0	79.3	79.2	72.9	73.9	64.2	72.2	71.9	77.7	82.0	76.7	79.0	79.9			
105	40.1	44.5	41.7	41.0	46.7	40.4	39.6	37.9	35.4	40.4	40.7	38.9	42.9	39.2	41.2	43.9			
110	19.3	21.9	20.9	21.6	23.6	19.8	18.5	19.8	17.4	19.2	18.6	17.4	21.2	18.5	19.1	22.3			
115	7.51	8.58	9.74	9.92	9.06	7.74	7.37	7.80	7.56	7.43	6.83	6.68	7.62	7.83	8.07	7.97			
120	4.16	4.20	4.39	4.36	4.17	4.13	4.09	4.02	3.67	3.70	3.74	3.74	3.77	3.75	3.78	3.83			
125	4.60	4.70	4.61	4.60	4.60	4.59	4.59	4.45	4.20	4.25	4.37	4.34	4.36	4.33	4.36	4.47			
130	5.27	5.39	5.24	5.22	5.26	5.33	5.27	5.09	4.73	4.78	4.95	4.98	4.92	4.86	4.89	5.02			
135	6.25	6.10	5.92	5.86	5.96	6.08	6.01	5.83	5.19	5.24	5.40	5.50	5.42	5.26	5.28	5.43			
140	7.55	7.23	7.02	6.95	7.08	7.25	7.09	6.90	5.58	5.63	5.80	6.00	5.83	5.67	5.70	5.89			
145	9.13	8.93	8.66	8.56	8.59	8.80	8.76	8.41	6.03	6.07	6.42	6.54	6.19	6.15	6.18	6.35			
150	10.7	10.6	10.2	10.1	10.3	10.3	10.3	9.90	6.37	6.40	6.76	6.82	6.74	6.52	6.52	6.79			
155	11.9	11.9	11.4	11.4	11.5	11.6	11.6	11.2	7.10	7.16	7.53	7.51	7.46	7.22	7.21	7.26			
160	13.0	12.9	12.5	12.5	12.6	12.7	12.7	12.3	7.61	7.67	7.86	7.99	7.94	7.67	7.67	7.70			
165	12.9	12.8	12.4	12.4	12.4	12.7	12.6	12.3	7.87	7.92	7.97	8.28	8.24	7.93	7.93	7.96			
170	11.8	11.9	11.7	11.7	11.8	11.8	11.9	11.6	8.30	8.35	8.36	8.34	8.59	8.40	8.35	8.38			
175	11.6	11.6	11.5	11.5	11.5	11.6	11.5	11.4	9.03	9.07	9.07	9.06	9.22	9.12	9.11	9.12			
180	10.1	10.0	10.01	9.99	10.0	10.0	10.0	10.1	10.1	10.2	10.2	10.1	10.2	10.2	10.2	10.2			

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 Operators:ben  
 Test Date:2018-01-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:45%  
 Test Distance:2.451m [K=1.0000]  
 Remarks: