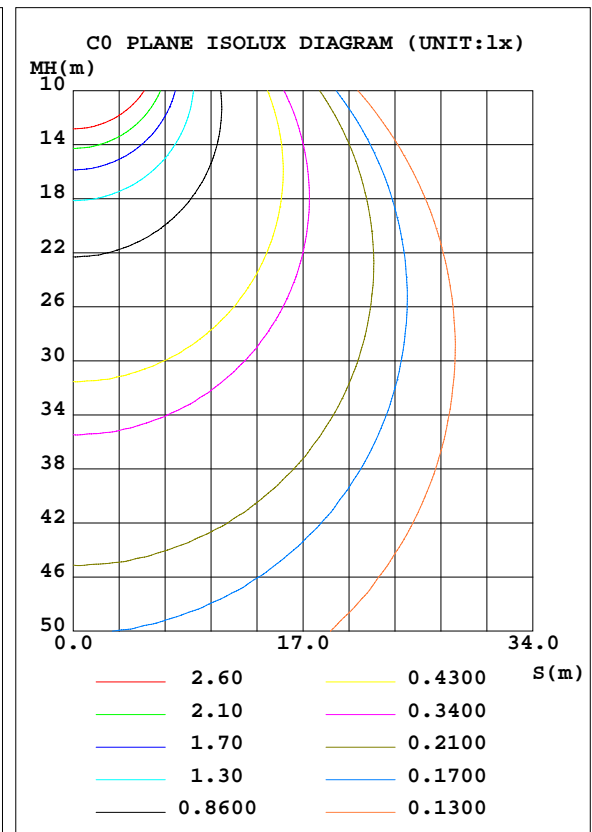
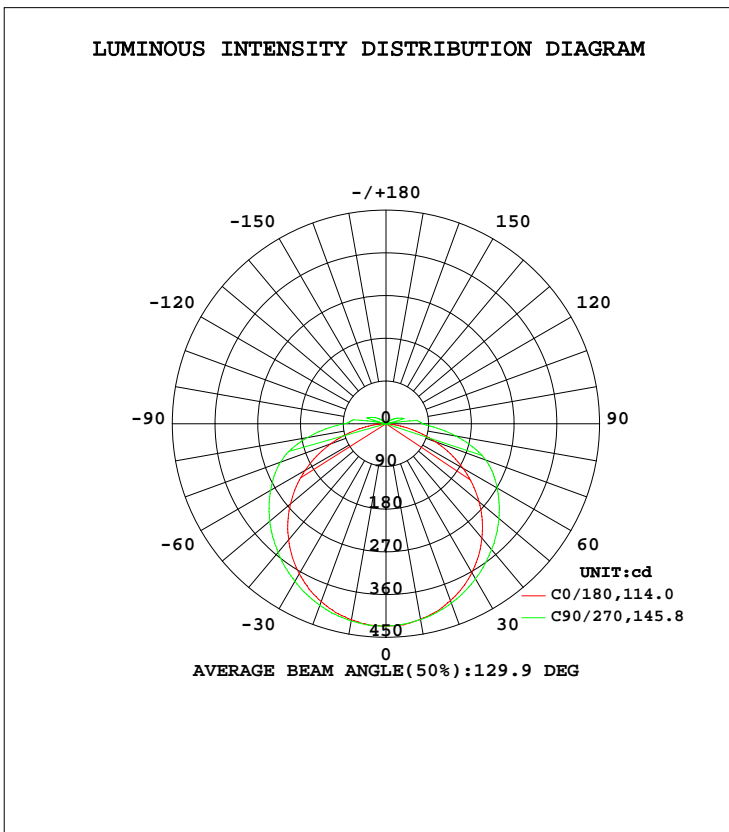


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: VLO08 4309	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: 86.22 lm/W			
MODEL	RSZ160615503-10	I _{max} (cd)	426.7	S/MH(C0/180)	1.26
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1569.2	η UP, DN(C0-180)	2.5,48.5
NOMINAL FLUX(lm)	1569.17	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.2,46.8
LAMPS INSIDE	1	η up(%)	4.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	95.3	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

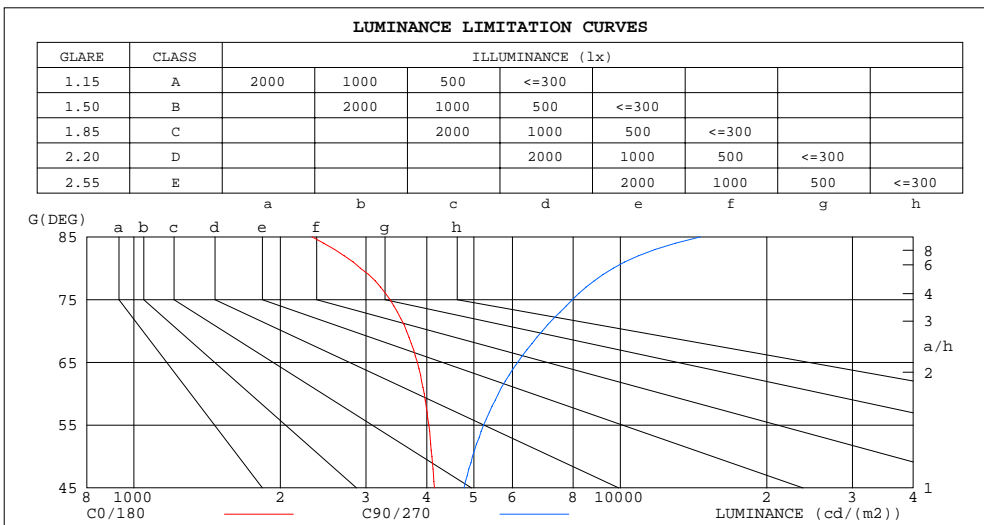
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	419.1	421.1	422.5	420.9	418.5	419.0	419.0	418.9	0- 10	40.38	40.38	2.57,2.57
20	398.7	403.3	407.3	403.0	396.9	399.1	402.3	400.1	10- 20	116.4	156.8	9.99,9.99
30	365.3	374.8	383.6	374.1	362.1	368.9	377.4	370.7	20- 30	179.0	335.7	21.4,21.4
40	319.3	337.5	353.6	336.2	314.6	330.0	346.4	331.9	30- 40	221.6	557.4	35.5,35.5
50	262.7	293.8	319.4	291.9	255.7	285.6	310.7	287.0	40- 50	240.8	798.1	50.9,50.9
60	197.0	247.1	280.8	244.5	187.2	237.4	270.8	239.2	50- 60	236.0	1034	65.9,65.9
70	123.9	198.1	236.7	195.1	110.7	187.1	223.4	189.4	60- 70	209.4	1244	79.2,79.2
80	50.59	142.3	168.1	134.3	37.24	121.8	149.6	129.4	70- 80	161.4	1405	89.5,89.5
90	2.941	65.22	87.95	56.85	0.7690	52.99	77.80	54.05	80- 90	90.53	1495	95.3,95.3
100	0.6301	9.675	26.27	0.6199	0.2172	4.764	0.2944	3.968	90-100	34.53	1530	97.5,97.5
110	0.9484	22.52	38.32	19.87	0.7663	17.64	34.71	19.58	100-110	16.23	1546	98.5,98.5
120	0.7359	11.99	25.73	9.735	0.7102	7.539	22.16	8.562	110-120	14.41	1561	99.5,99.5
130	0.7781	1.398	13.13	0.8005	0.6333	0.5198	9.527	0.4791	120-130	6.453	1567	99.9,99.9
140	0.5131	0.4519	1.133	0.4503	0.4659	0.4158	0.3726	0.4263	130-140	1.386	1568	100,100
150	0.5692	0.5477	0.4785	0.5095	0.4189	0.3729	0.3452	0.4034	140-150	0.2875	1569	100,100
160	0.6072	0.5753	0.5439	0.5512	0.3940	0.3703	0.3946	0.3742	150-160	0.2174	1569	100,100
170	0.5276	0.4938	0.4696	0.5074	0.4134	0.4091	0.3781	0.3622	160-170	0.1318	1569	100,100
180	0.4623	0.4524	0.4522	0.4661	0.4618	0.4622	0.4496	0.4532	170-180	0.0427	1569	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 12.1 %								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	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	2324	14623
80	2922	9672
75	3361	7976
70	3634	6916
65	3827	6154
60	3952	5613
55	4042	5236
50	4100	4966
45	4150	4774

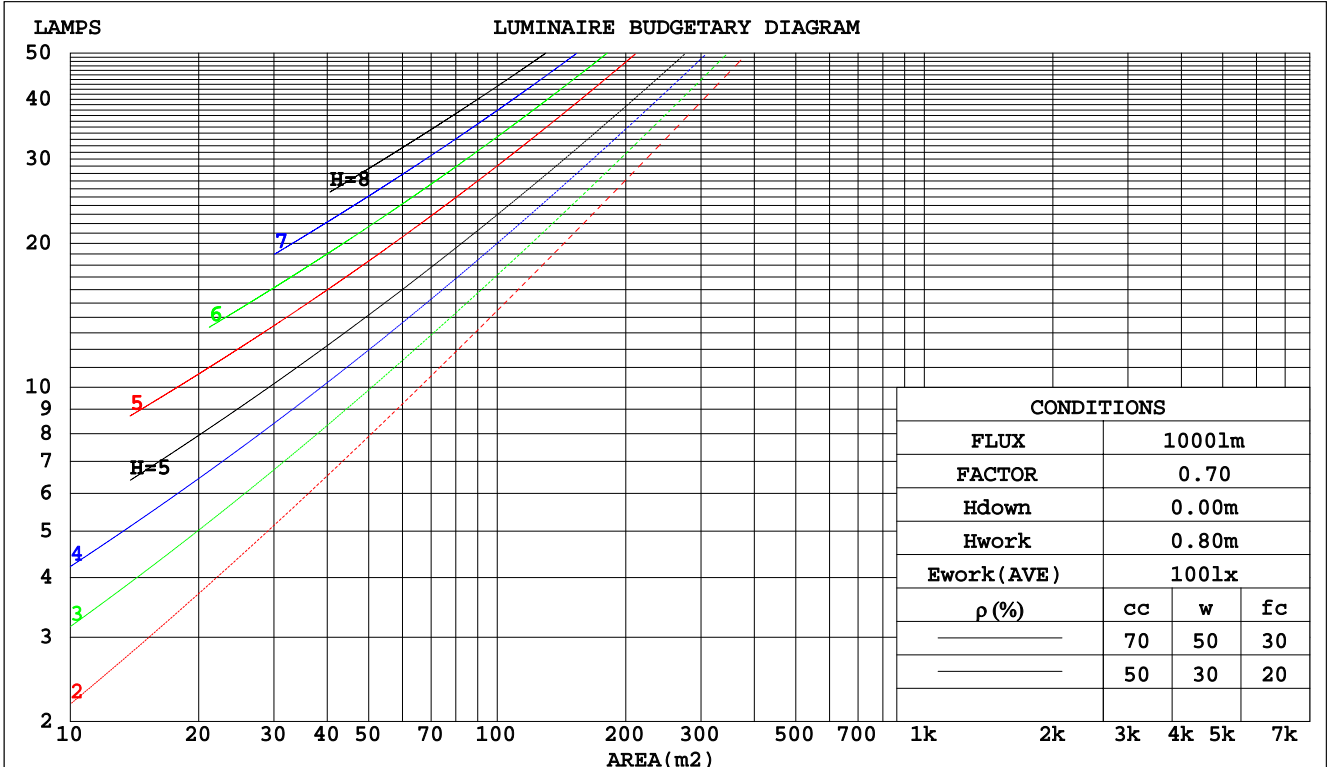
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	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																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	.99	.94	.90	.97	.92	.88	.91	.88	.84	.87	.84	.81	.82	.80	.77	.75
2.0	.85	.77	.71	.83	.76	.70	.78	.72	.67	.74	.69	.65	.71	.67	.63	.60
3.0	.74	.65	.58	.72	.64	.57	.68	.61	.55	.65	.59	.54	.62	.56	.52	.50
4.0	.65	.55	.48	.63	.54	.48	.60	.52	.46	.57	.51	.45	.54	.49	.44	.42
5.0	.58	.48	.41	.56	.47	.41	.54	.46	.40	.51	.44	.39	.49	.43	.38	.36
6.0	.52	.42	.35	.51	.42	.35	.48	.40	.34	.46	.39	.34	.44	.38	.33	.31
7.0	.47	.38	.31	.46	.37	.31	.44	.36	.30	.42	.35	.30	.40	.34	.29	.27
8.0	.43	.34	.28	.42	.33	.27	.40	.32	.27	.38	.31	.26	.37	.31	.26	.24
9.0	.39	.30	.25	.38	.30	.24	.37	.29	.24	.35	.29	.24	.34	.28	.23	.21
10.0	.36	.28	.22	.35	.27	.22	.34	.27	.22	.33	.26	.21	.31	.25	.21	.19



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm					
NAME: 4309			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	.372	.212	.067	.364	.207	.066	.347	.199	.064	.332	.192	.062	.319	.185	.060	
2.0	.331	.181	.056	.323	.178	.055	.308	.172	.053	.295	.166	.052	.283	.160	.050	
3.0	.297	.158	.047	.290	.155	.047	.277	.150	.046	.265	.145	.045	.254	.141	.044	
4.0	.269	.140	.041	.263	.137	.041	.251	.133	.040	.240	.129	.039	.230	.125	.038	
5.0	.245	.125	.036	.240	.123	.036	.229	.119	.035	.220	.116	.034	.211	.112	.034	
6.0	.225	.113	.032	.220	.111	.032	.211	.108	.031	.202	.105	.031	.194	.102	.030	
7.0	.208	.103	.029	.203	.101	.029	.195	.099	.028	.187	.096	.028	.180	.093	.027	
8.0	.193	.094	.027	.189	.093	.026	.181	.091	.026	.174	.088	.025	.167	.086	.025	
9.0	.180	.087	.024	.176	.086	.024	.169	.084	.024	.163	.082	.023	.157	.080	.023	
10.0	.168	.081	.022	.165	.080	.022	.159	.078	.022	.153	.076	.022	.147	.074	.021	

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	.226	.226	.226	.193	.193	.193	.132	.132	.132	.076	.076	.076	.024	.024	.024	
1.0	.221	.192	.166	.189	.164	.142	.129	.113	.099	.074	.065	.057	.024	.021	.019	
2.0	.214	.168	.130	.183	.145	.112	.125	.100	.078	.072	.058	.046	.023	.019	.015	
3.0	.206	.151	.107	.177	.130	.093	.121	.090	.065	.070	.053	.038	.023	.017	.013	
4.0	.198	.138	.092	.170	.119	.080	.117	.083	.056	.068	.049	.033	.022	.016	.011	
5.0	.191	.128	.082	.164	.111	.071	.113	.077	.050	.065	.045	.030	.021	.015	.010	
6.0	.183	.120	.074	.157	.104	.065	.109	.073	.046	.063	.043	.027	.020	.014	.009	
7.0	.176	.113	.069	.151	.098	.060	.104	.069	.043	.061	.040	.025	.020	.013	.008	
8.0	.169	.107	.065	.145	.093	.057	.101	.065	.040	.059	.039	.024	.019	.013	.008	
9.0	.163	.102	.062	.140	.089	.054	.097	.062	.038	.057	.037	.023	.018	.012	.008	
10.0	.157	.098	.059	.135	.085	.052	.094	.060	.037	.055	.035	.022	.018	.012	.007	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm										
NAME: 4309					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	17.3	18.9	17.7	19.2	19.5	18.7	20.3	19.1	20.6	20.9
3H	19.0	20.4	19.3	20.7	21.1	21.3	22.7	21.7	23.1	23.4
4H	19.7	21.0	20.0	21.4	21.7	22.6	24.0	23.0	24.3	24.7
6H	20.2	21.5	20.6	21.8	22.2	23.9	25.2	24.3	25.6	25.9
8H	20.3	21.6	20.7	21.9	22.3	24.5	25.8	24.9	26.2	26.6
12H	20.4	21.6	20.8	22.0	22.4	25.2	26.4	25.6	26.8	27.2
4H 2H	18.4	19.7	18.8	20.1	20.4	19.4	20.8	19.8	21.1	21.5
3H	20.3	21.5	20.7	21.9	22.3	22.2	23.4	22.6	23.8	24.2
4H	21.1	22.3	21.6	22.7	23.1	23.7	24.8	24.1	25.2	25.7
6H	21.9	22.9	22.3	23.3	23.8	25.2	26.2	25.7	26.6	27.1
8H	22.1	23.1	22.6	23.5	24.0	25.9	26.9	26.4	27.3	27.8
12H	22.3	23.2	22.8	23.6	24.1	26.7	27.6	27.2	28.0	28.5
8H 4H	22.0	23.0	22.5	23.4	23.9	24.1	25.0	24.6	25.5	26.0
6H	23.1	23.9	23.6	24.4	24.9	25.8	26.6	26.4	27.1	27.7
8H	23.6	24.3	24.1	24.8	25.3	26.8	27.5	27.3	28.0	28.5
12H	23.9	24.5	24.5	25.1	25.7	27.8	28.4	28.3	28.9	29.5
12H 4H	22.3	23.1	22.8	23.6	24.1	24.1	25.0	24.6	25.5	26.0
6H	23.5	24.2	24.0	24.7	25.3	26.0	26.7	26.5	27.2	27.8
8H	24.1	24.7	24.7	25.3	25.8	27.0	27.6	27.6	28.2	28.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1569 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.6)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

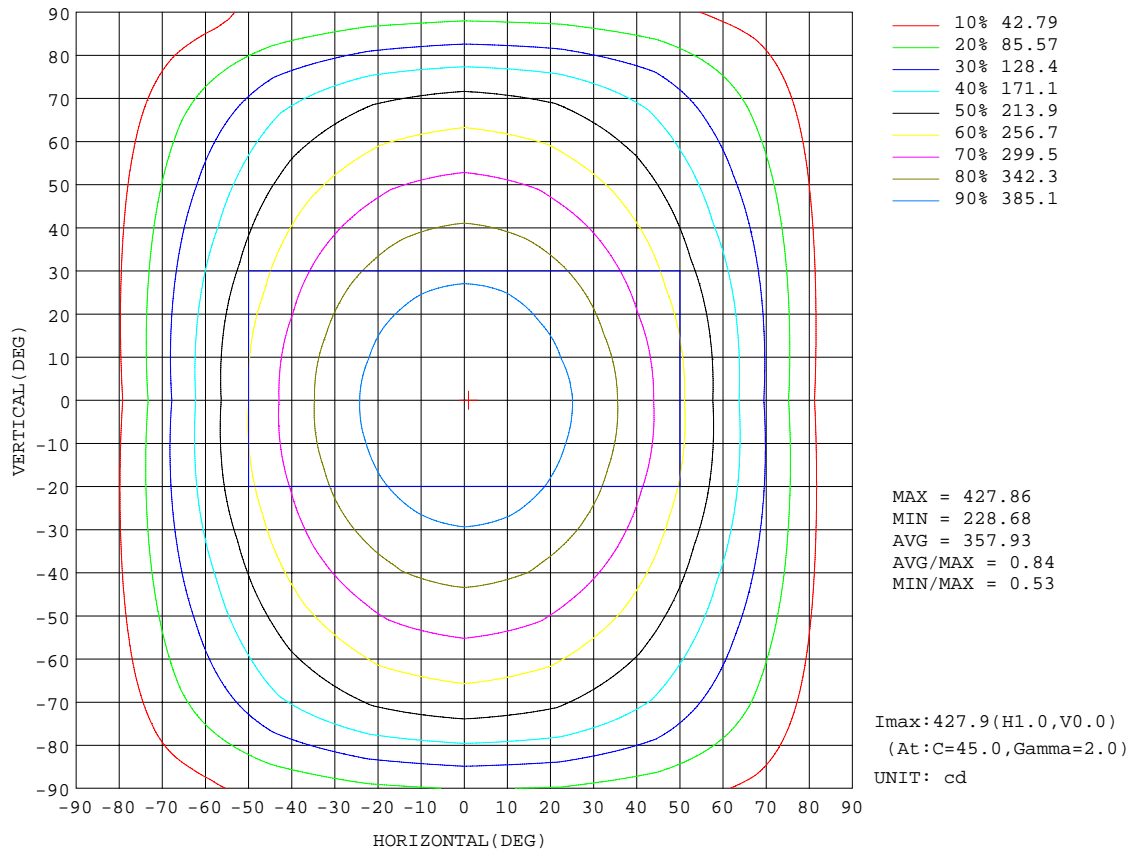
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	40	33	51	40	33	50	39	32	26
0.80	62	49	41	61	49	41	59	48	41	33
1.00	70	58	49	68	57	49	66	58	48	40
1.25	77	65	57	75	64	56	72	62	55	47
1.50	82	71	63	80	70	62	76	67	61	52
2.00	89	79	71	87	78	71	83	75	69	59
2.50	94	84	77	91	83	76	87	79	74	64
3.00	97	89	82	95	87	81	90	84	78	68
4.00	102	95	89	99	93	87	94	89	84	73
5.00	105	99	93	102	96	91	96	92	88	77
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:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

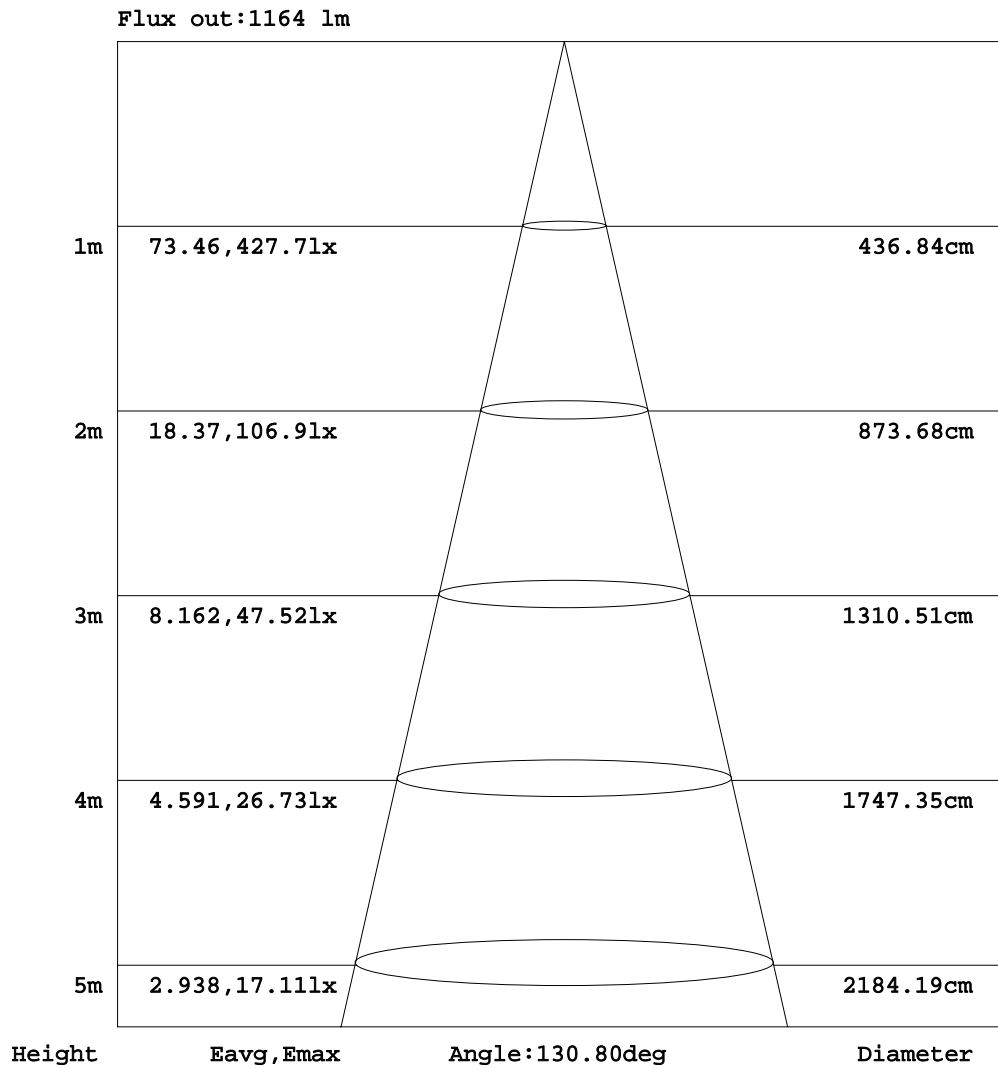


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



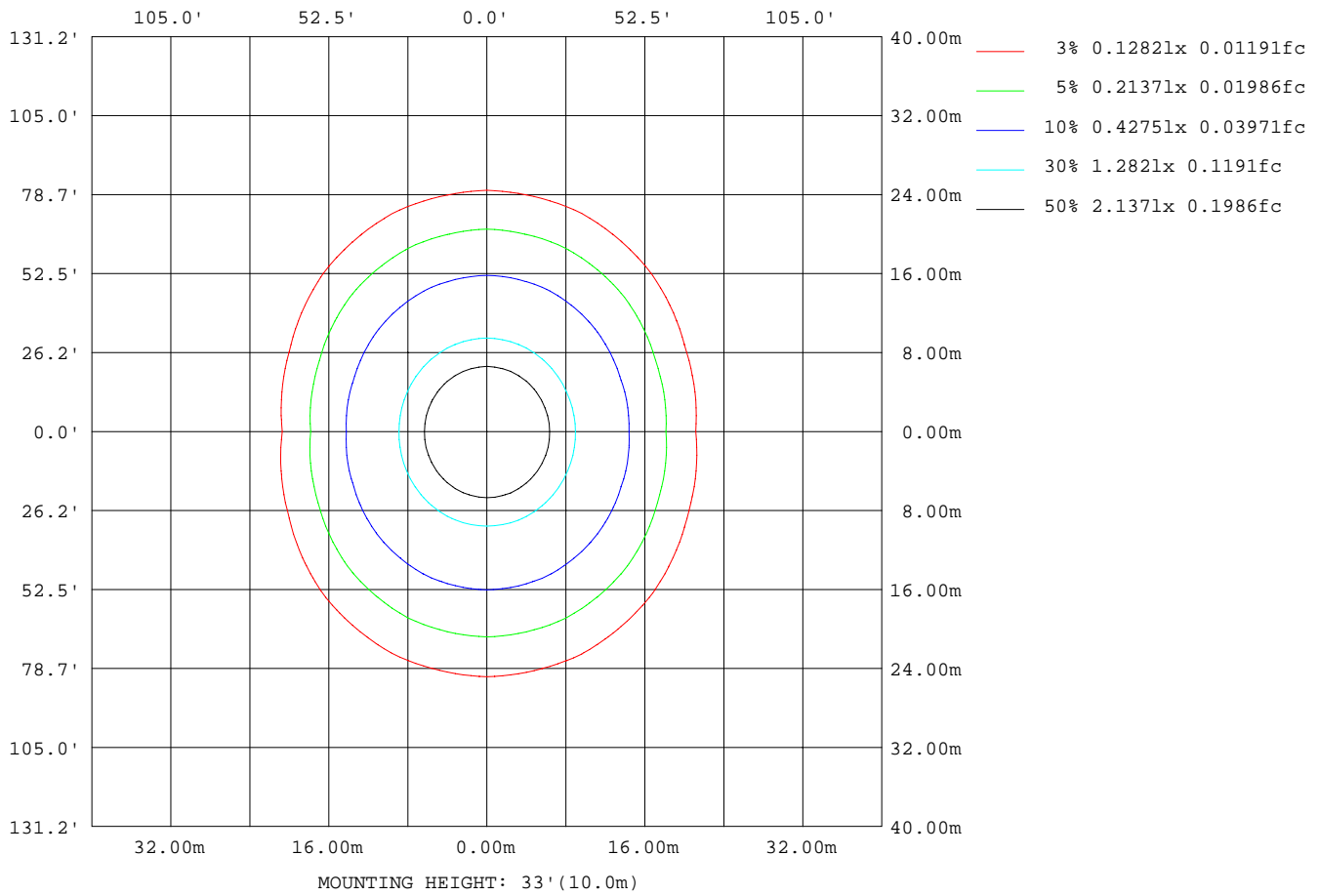
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γInterval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	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:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

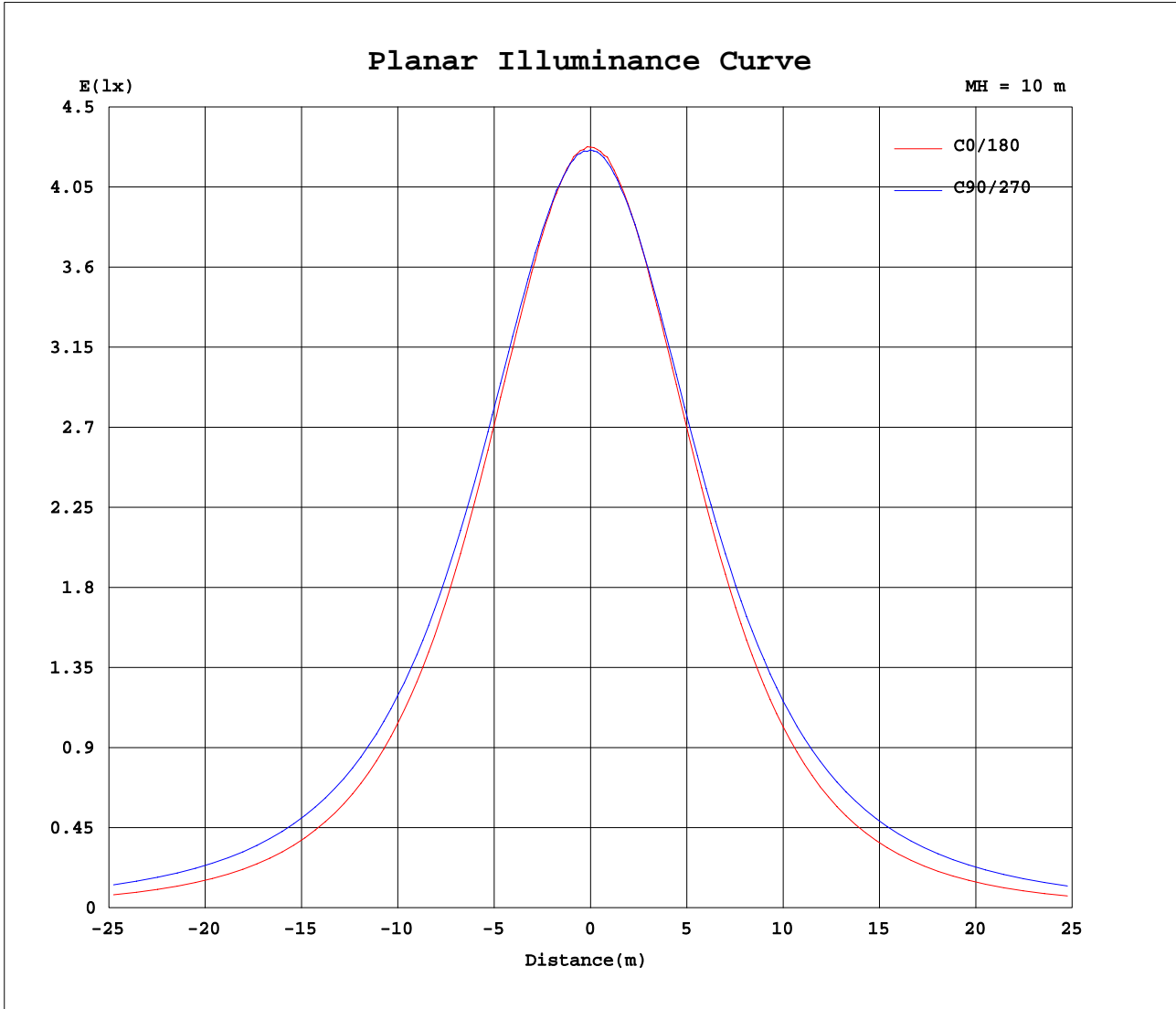
AvgL	cd/m2
L_0~180(65)av	3678
L_0~180(75)av	3075
L_0~180(85)av	1779
L_90~270(65)av	6027
L_90~270(75)av	7646
L_90~270(85)av	13533
L_45(65)av	5147
L_45(75)av	6412
L_45(85)av	10568

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:25.3DEG
 Operators:Hexy
 Test Date:2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.453m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3DEG
 Operators: Hexy
 Test Date: 2016-01-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 44%
 Test Distance: 2.453m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.1534A P:18.20W PF:0.9882 Lamp Flux:1569.17x1 lm		
NAME: 4309	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	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426			
5	426	425	425	426	425	425	425	424	425	424	424	425	424	424	424	424			
10	419	420	421	422	422	421	421	420	418	418	419	419	419	419	419	419			
15	412	411	413	416	415	415	413	411	410	409	411	411	412	412	411	411			
20	399	401	403	407	407	406	403	400	397	397	399	401	402	402	400	398			
25	384	385	391	395	396	395	389	385	381	382	385	389	391	390	386	384			
30	365	369	375	382	384	381	374	367	362	363	369	375	377	375	371	365			
35	344	348	358	366	370	365	356	346	340	342	351	359	362	360	352	345			
40	319	325	338	350	354	349	336	323	315	318	330	341	346	342	332	321			
45	293	300	317	331	338	331	315	297	287	293	308	323	329	324	309	296			
50	263	273	294	313	319	312	292	269	256	264	286	303	311	304	287	268			
55	231	244	271	293	301	292	269	240	223	235	262	283	291	284	263	239			
60	197	214	247	273	281	272	245	209	187	204	237	261	271	262	239	209			
65	161	184	223	251	260	249	220	178	150	173	213	239	249	240	214	179			
70	124	155	198	228	237	226	195	148	111	143	187	214	223	216	189	149			
75	86.7	126	173	200	207	197	169	118	72.5	113	159	181	189	184	163	119			
80	50.6	97.6	142	163	168	159	134	90.2	37.2	84.6	122	142	150	145	129	91.1			
85	20.2	69.2	104	123	128	118	94.2	57.7	10.8	50.5	81.0	100	108	105	89.3	61.1			
90	2.94	34.7	65.2	83.5	88.0	78.5	56.8	26.6	0.77	24.8	53.0	71.2	77.8	71.5	54.1	27.8			
95	0.50	10.0	32.5	67.4	73.7	66.6	47.0	5.19	0.76	1.60	30.3	62.2	68.6	62.4	30.8	14.4			
100	0.63	11.3	9.67	0.96	26.3	0.89	0.62	7.09	0.22	7.22	4.76	0.30	0.29	0.44	3.97	8.47			
105	0.88	6.97	26.5	40.5	14.6	24.8	25.6	5.86	0.80	4.79	23.1	36.8	21.8	40.8	24.1	5.52			
110	0.95	4.02	22.5	37.8	38.3	32.2	19.9	2.68	0.77	1.61	17.6	29.3	34.7	33.0	19.6	2.37			
115	0.92	0.95	17.5	30.2	32.0	26.7	14.7	0.51	0.73	0.47	12.6	23.7	28.4	25.7	14.3	0.69			
120	0.74	0.56	12.0	23.3	25.7	21.1	9.73	0.48	0.71	0.46	7.54	18.1	22.2	19.0	8.56	0.69			
125	0.81	0.52	6.27	16.7	19.5	15.4	4.91	0.44	0.68	0.44	2.77	12.3	16.0	12.7	3.16	0.67			
130	0.78	0.52	1.40	10.2	13.1	9.36	0.80	0.49	0.63	0.46	0.52	6.26	9.53	6.43	0.48	0.66			
135	0.50	0.41	0.48	4.11	6.68	3.50	0.51	0.45	0.31	0.38	0.47	0.99	3.36	1.09	0.47	0.48			
140	0.51	0.49	0.45	0.45	1.13	0.45	0.45	0.46	0.47	0.41	0.42	0.39	0.37	0.39	0.43	0.45			
145	0.54	0.61	0.52	0.44	0.46	0.45	0.49	0.52	0.45	0.45	0.42	0.37	0.37	0.36	0.43	0.44			
150	0.57	0.63	0.55	0.50	0.48	0.50	0.51	0.54	0.42	0.41	0.37	0.38	0.35	0.35	0.40	0.49			
155	0.57	0.51	0.54	0.54	0.53	0.54	0.54	0.53	0.41	0.41	0.38	0.40	0.39	0.38	0.38	0.37			
160	0.61	0.63	0.58	0.57	0.54	0.56	0.55	0.54	0.39	0.39	0.37	0.38	0.39	0.38	0.37	0.43			
165	0.57	0.58	0.53	0.52	0.52	0.53	0.53	0.54	0.40	0.40	0.40	0.38	0.38	0.37	0.36	0.40			
170	0.53	0.51	0.49	0.47	0.47	0.48	0.51	0.53	0.41	0.41	0.41	0.40	0.38	0.35	0.36	0.39			
175	0.51	0.50	0.49	0.46	0.46	0.47	0.50	0.52	0.44	0.44	0.44	0.42	0.41	0.39	0.40	0.42			
180	0.46	0.46	0.45	0.45	0.45	0.45	0.47	0.47	0.46	0.46	0.46	0.46	0.45	0.45	0.45	0.47			

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