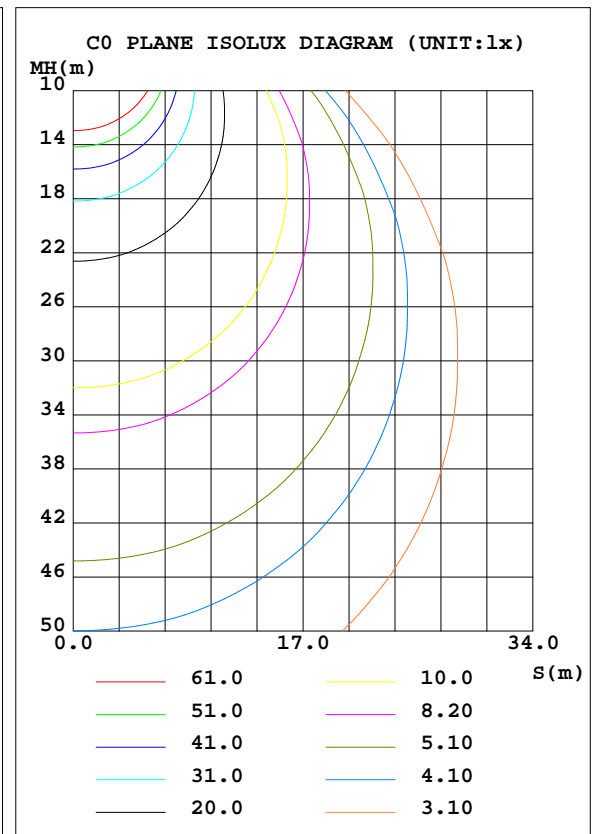
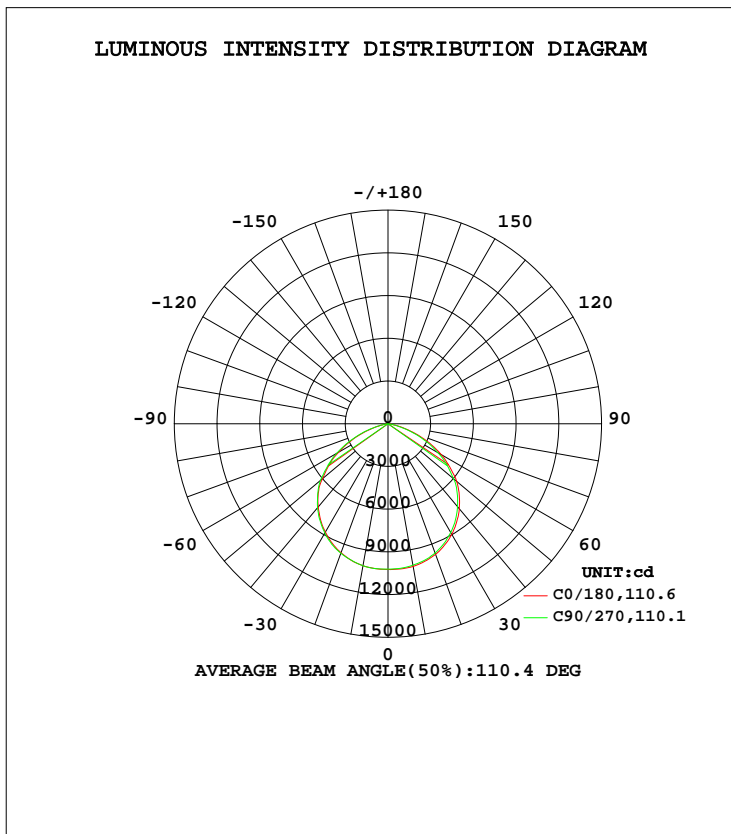


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.13 lm/W			
MODEL	YWHBLA-200	I _{max} (cd)	10246	S/MH(C0/180)	1.28
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	27447	η UP, DN(C0-180)	0.1,49.8
NOMINAL FLUX(lm)	27446.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2,49.9
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.7	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1018	1015	1009	1007	1012	1013	1012	1010	0- 10	971.4	971.4	3.54,3.54
20	976.4	972.0	966.5	959.4	964.4	965.3	968.3	970.9	10- 20	2807	3778	13.8,13.8
30	896.5	892.9	881.7	877.6	879.2	881.9	887.0	889.9	20- 30	4293	8072	29.4,29.4
40	779.6	775.3	760.3	758.3	762.2	762.5	769.3	772.1	30- 40	5195	13267	48.3,48.3
50	630.5	627.3	601.9	600.6	601.2	607.5	619.6	627.9	40- 50	5369	18636	67.9,67.9
60	431.5	425.7	403.5	398.8	401.4	405.9	416.6	426.9	50- 60	4607	23244	84.7,84.7
70	211.3	206.5	190.6	183.5	184.5	188.9	198.0	208.9	60- 70	3012	26256	95.7,95.7
80	33.09	30.77	24.96	21.05	20.32	22.06	24.52	31.37	70- 80	1063	27319	99.5,99.5
90	0.2056	0.3928	0.6120	0.3609	0.4469	0.5257	0.5172	0.5484	80- 90	57.74	27377	99.7,99.7
100	0.1882	0.2825	0.3685	0.2899	0.6912	0.6908	0.6603	0.6818	90-100	4.749	27381	99.8,99.8
110	0.3059	0.4310	0.6114	0.5325	1.155	1.193	1.059	1.153	100-110	6.404	27388	99.8,99.8
120	0.5408	0.7688	0.8228	0.8143	1.553	1.514	1.294	1.528	110-120	9.228	27397	99.8,99.8
130	0.9873	0.9101	1.239	0.9627	1.860	1.490	1.843	1.614	120-130	11.10	27408	99.9,99.9
140	1.199	1.153	1.450	1.144	2.094	1.349	1.945	1.551	130-140	11.41	27420	99.9,99.9
150	1.506	1.624	1.678	1.551	2.220	1.766	2.249	1.920	140-150	10.59	27430	99.9,99.9
160	1.553	1.608	1.607	1.669	2.314	2.111	2.047	2.163	150-160	8.631	27439	100,100
170	1.990	2.149	2.404	2.204	2.314	2.134	2.047	2.437	160-170	5.528	27444	100,100
180	2.424	2.527	2.627	2.523	2.424	2.142	2.227	2.460	170-180	2.177	27447	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 15979 lm

%lum = 58.2%
%lamp = 58.2%

Conical surface Flux(120deg): 23244 lm

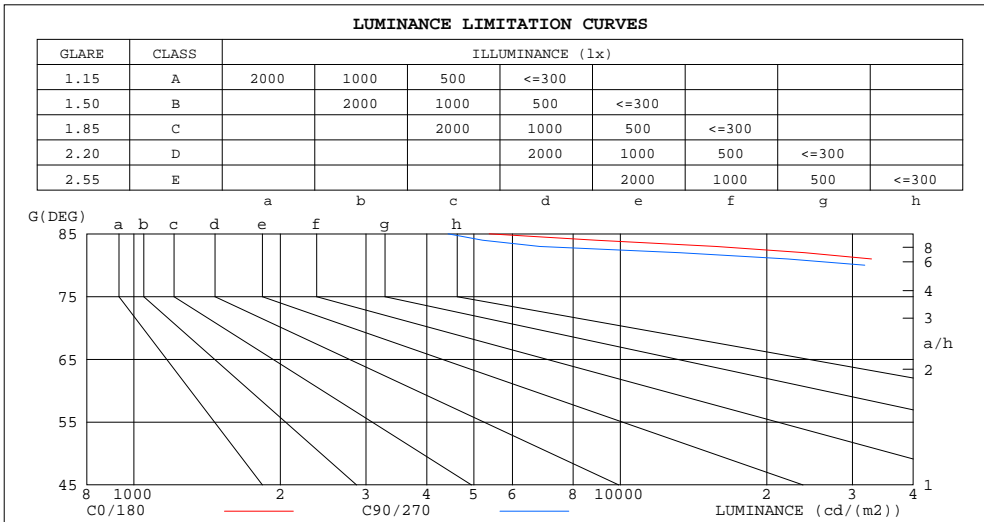
%lum = 84.7%
%lamp = 84.7%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:Seth
Test Date:2017-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity:65.7%
Test Distance:26.000m [K=1.4372]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A



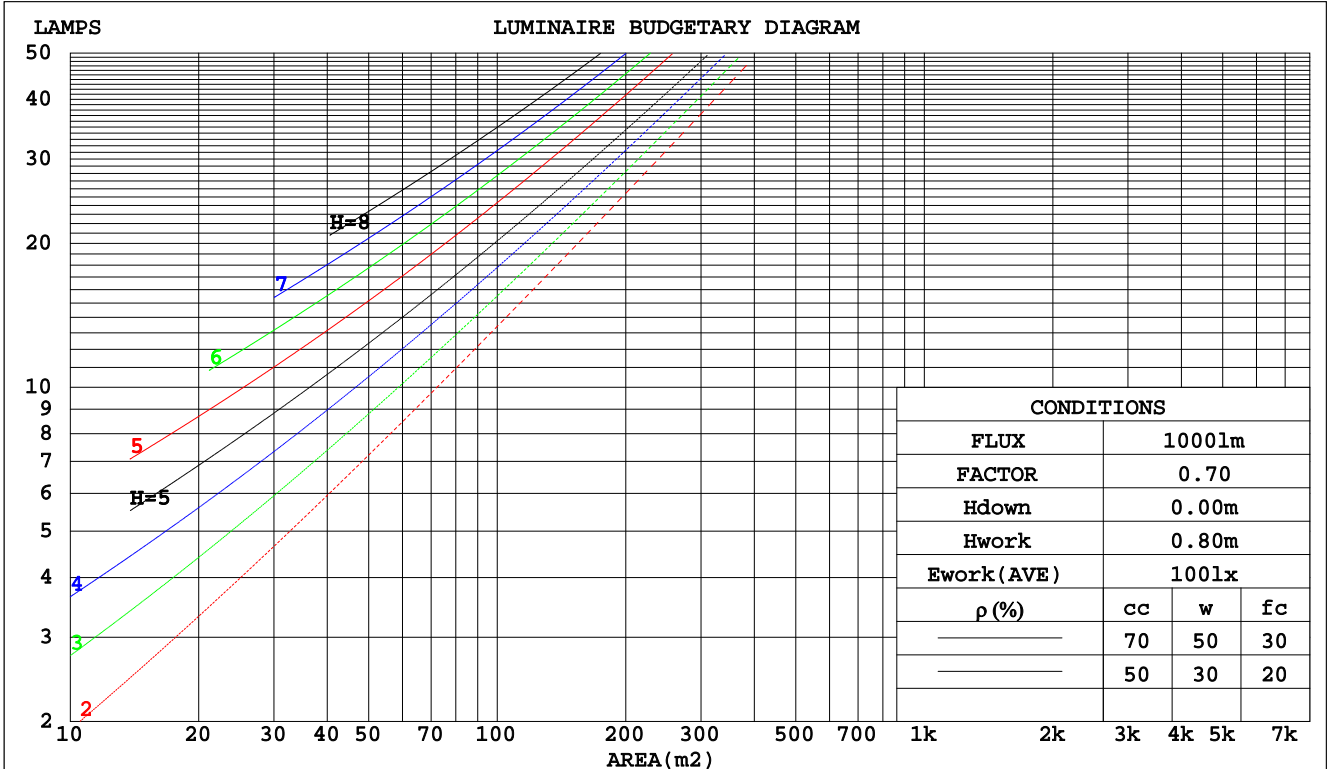
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.06	1.02	.98	1.03	.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.79	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.68	.78	.71	.66	.75	.70	.65	.72	.68	.64	.62
4.0	.73	.65	.58	.72	.64	.58	.69	.62	.57	.67	.61	.56	.65	.60	.55	.53
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.49	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.39	.51	.44	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

WEC AND CCEC

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	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	.274	.156	.049	.267	.152	.048	.253	.145	.046	.241	.139	.045	.230	.133	.043	
2.0	.267	.146	.045	.261	.144	.044	.249	.139	.043	.238	.134	.042	.229	.129	.041	
3.0	.252	.134	.040	.247	.132	.040	.237	.128	.039	.227	.124	.038	.218	.121	.037	
4.0	.236	.123	.036	.231	.121	.036	.222	.118	.035	.214	.115	.035	.206	.112	.034	
5.0	.220	.112	.033	.216	.111	.032	.208	.108	.032	.201	.106	.031	.193	.103	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.157	.079	.023	.153	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.180	.158	.139	.154	.136	.120	.105	.094	.083	.061	.054	.048	.019	.017	.016	
2.0	.171	.134	.103	.146	.115	.089	.100	.080	.062	.058	.046	.036	.019	.015	.012	
3.0	.163	.116	.079	.140	.100	.068	.096	.070	.048	.055	.041	.028	.018	.013	.009	
4.0	.156	.103	.062	.134	.089	.054	.092	.062	.038	.053	.036	.023	.017	.012	.007	
5.0	.148	.092	.051	.128	.080	.044	.088	.056	.031	.051	.033	.018	.016	.011	.006	
6.0	.142	.084	.042	.122	.073	.037	.084	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.135	.077	.036	.116	.067	.031	.080	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.062	.027	.077	.043	.019	.045	.026	.012	.014	.008	.004	
9.0	.123	.066	.028	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.025	.101	.054	.022	.070	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	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	31.5	32.9	31.7	33.1	33.3	31.3	32.7	31.5	32.9	33.1
3H	32.5	33.8	32.8	34.1	34.3	32.2	33.6	32.5	33.8	34.0
4H	32.7	34.0	33.0	34.2	34.5	32.4	33.7	32.7	33.9	34.2
6H	32.7	33.9	33.1	34.2	34.5	32.4	33.5	32.7	33.8	34.1
8H	32.7	33.8	33.0	34.1	34.4	32.3	33.5	32.7	33.7	34.0
12H	32.6	33.7	33.0	34.0	34.3	32.3	33.4	32.6	33.7	34.0
4H 2H	31.9	33.2	32.3	33.5	33.7	31.8	33.0	32.1	33.3	33.5
3H	33.1	34.2	33.4	34.5	34.8	32.8	33.9	33.2	34.2	34.5
4H	33.4	34.4	33.7	34.7	35.0	33.1	34.1	33.4	34.4	34.7
6H	33.4	34.3	33.8	34.6	35.0	33.1	34.0	33.5	34.3	34.7
8H	33.4	34.2	33.8	34.6	34.9	33.0	33.8	33.4	34.2	34.6
12H	33.3	34.1	33.8	34.5	34.9	33.0	33.7	33.4	34.1	34.5
8H 4H	33.4	34.2	33.8	34.6	35.0	33.1	33.9	33.5	34.3	34.7
6H	33.5	34.1	33.9	34.5	35.0	33.2	33.8	33.6	34.2	34.7
8H	33.4	34.0	33.9	34.5	34.9	33.1	33.7	33.6	34.1	34.6
12H	33.4	33.9	33.9	34.4	34.8	33.1	33.6	33.6	34.0	34.5
12H 4H	33.4	34.1	33.8	34.5	34.9	33.1	33.8	33.5	34.2	34.6
6H	33.4	34.0	33.9	34.5	34.9	33.1	33.7	33.6	34.1	34.6
8H	33.4	33.9	33.9	34.4	34.8	33.1	33.6	33.6	34.0	34.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.5				

CIE Pub.117 Corrected 27447 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.5)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A

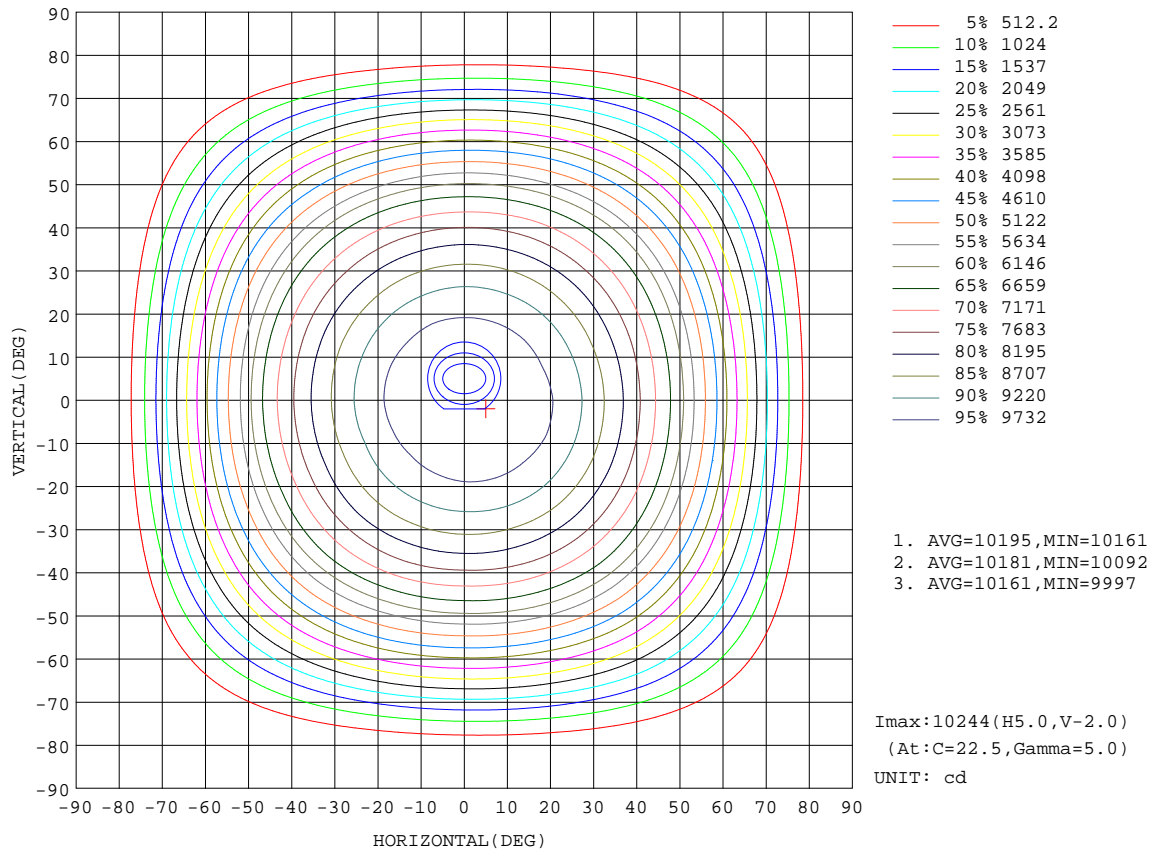
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	51	69	58	51	67	57	51	44
1.00	78	68	61	77	67	61	75	69	60	53
1.25	86	76	69	84	75	69	82	74	68	61
1.50	91	81	75	89	81	74	86	79	73	66
2.00	97	89	84	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	86	78
3.00	104	98	93	102	96	92	98	93	90	82
4.00	108	103	99	105	101	97	101	98	94	86
5.00	110	106	102	108	104	100	103	100	97	88
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: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A

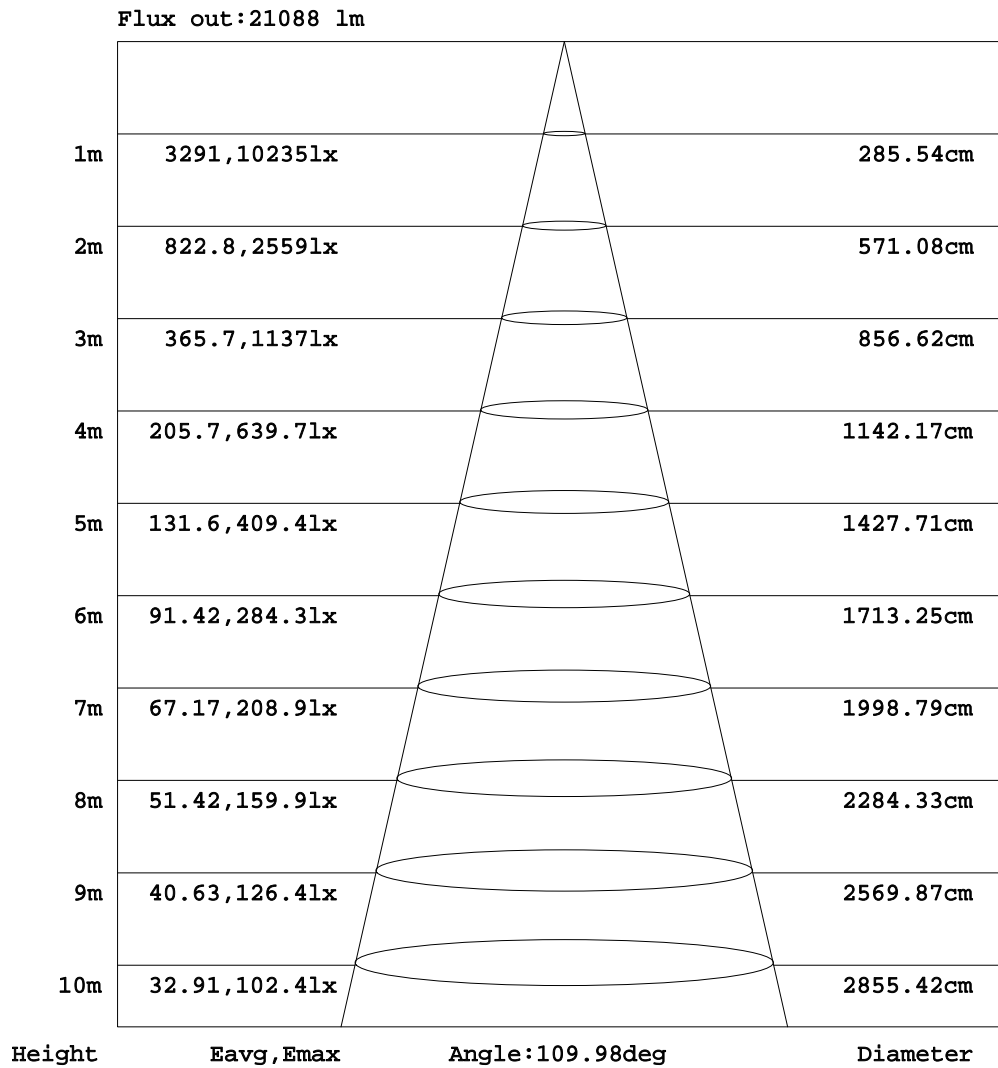


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

AAI Figure

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A



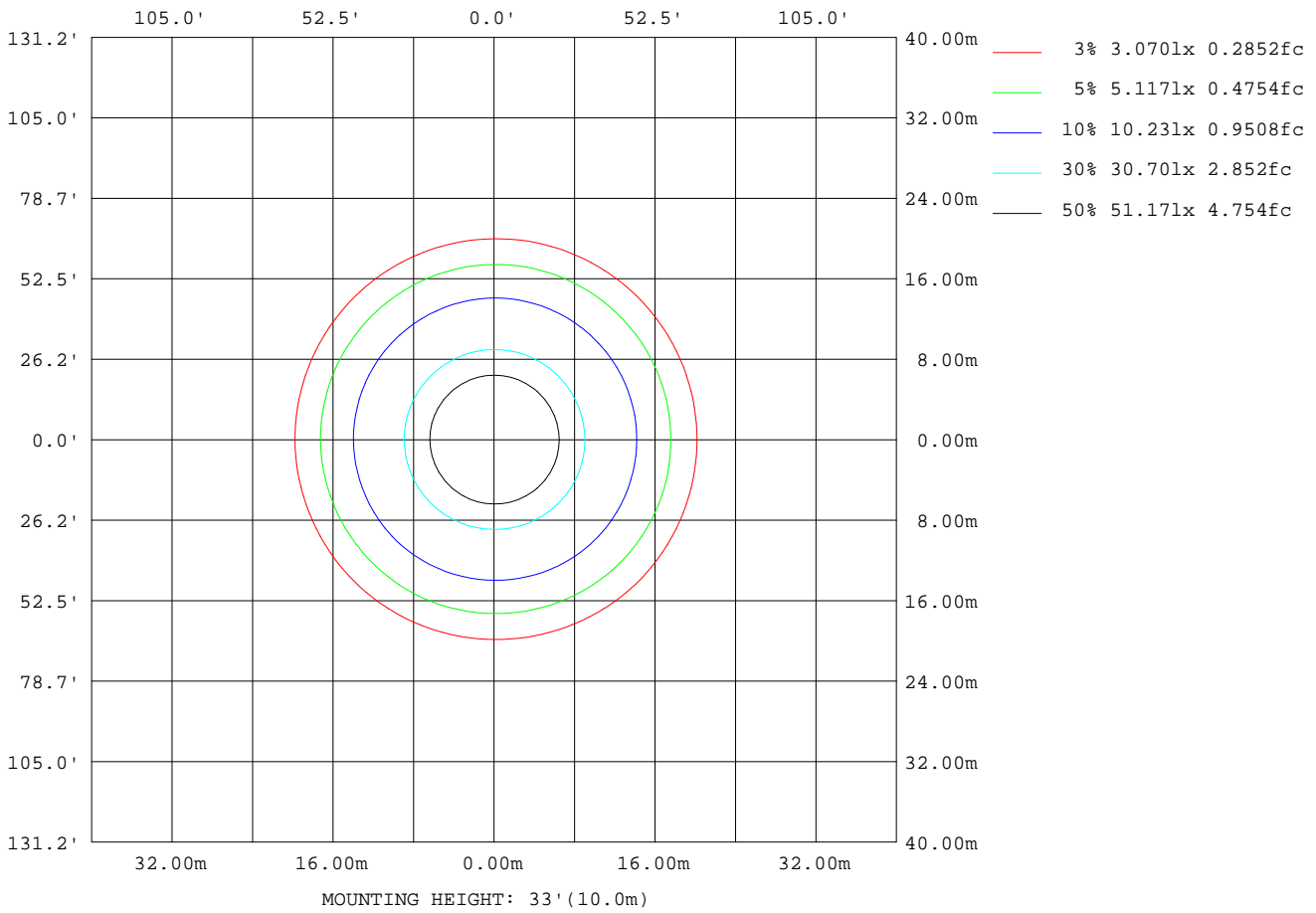
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ISOLUX DIAGRAM

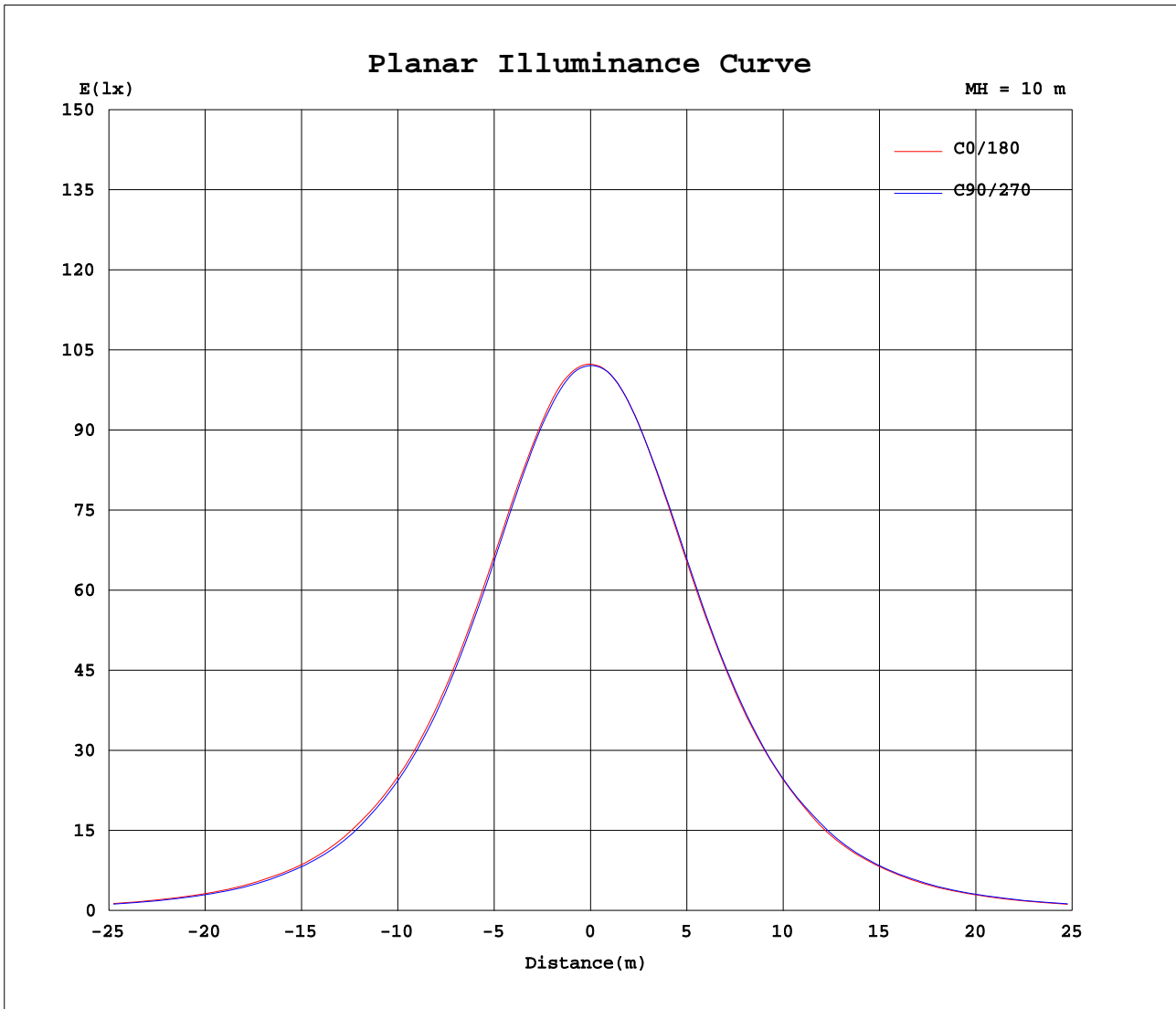
Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: Seth
Test Date: 2017-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity: 65.7%
Test Distance: 26.000m [K=1.4372]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.9V I:0.9509A P:203.1W PF:0.9711 Freq:50.01Hz Lamp Flux:27446.5x1 lm		
NAME: LED Linear High Bay Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO., LTD	SUR.:	Shielding Angle:N/A

Table--1

UNIT: x10cd

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	1023	1023	1022	1022	1021	1020	1021	1020	1023	1023	1022	1022	1021	1020	1021	1020			
5	1023	1025	1022	1020	1019	1019	1017	1017	1021	1022	1021	1020	1021	1020	1019	1019			
10	1018	1018	1015	1013	1009	1008	1007	1007	1012	1013	1013	1012	1012	1012	1010	1011			
15	1000	1001	998	994	993	991	987	988	994	994	993	994	993	995	994	996			
20	976	977	972	970	967	962	959	960	964	965	965	968	968	969	971	971			
25	941	940	938	934	929	926	924	922	927	928	929	931	934	933	935	936			
30	897	896	893	886	882	879	878	876	879	882	882	885	887	889	890	891			
35	842	842	838	832	826	824	824	821	826	827	827	829	832	834	836	838			
40	780	779	775	768	760	760	758	758	762	763	763	766	769	772	772	775			
45	708	708	703	696	688	687	689	687	693	692	693	696	698	703	705	707			
50	630	630	627	615	602	599	601	598	601	604	607	612	620	624	628	630			
55	530	529	526	515	505	505	505	503	507	508	510	514	518	523	526	530			
60	431	432	426	413	403	402	399	397	401	404	406	411	417	423	427	431			
65	322	321	318	307	299	294	291	289	293	294	298	302	309	315	319	321			
70	211	210	206	197	191	187	183	180	184	185	189	192	198	203	209	213			
75	107	107	104	97.6	92.6	88.0	85.8	83.1	86.7	87.4	90.2	92.2	95.9	101	107	110			
80	33.1	32.2	30.8	27.2	25.0	21.9	21.1	19.6	20.3	21.1	22.1	22.4	24.5	27.5	31.4	33.8			
85	2.12	2.09	1.98	1.85	1.74	1.52	1.24	1.10	1.35	1.40	1.52	1.64	1.73	1.96	2.24	2.44			
90	0.21	0.23	0.39	0.53	0.61	0.50	0.36	0.27	0.45	0.46	0.53	0.52	0.52	0.51	0.55	0.53			
95	0.19	0.20	0.31	0.38	0.45	0.37	0.31	0.26	0.53	0.53	0.59	0.53	0.52	0.50	0.58	0.56			
100	0.19	0.20	0.28	0.33	0.37	0.25	0.29	0.26	0.69	0.68	0.69	0.68	0.66	0.63	0.68	0.69			
105	0.24	0.24	0.29	0.40	0.42	0.20	0.38	0.30	0.90	0.93	0.87	0.81	0.84	0.81	0.87	0.88			
110	0.31	0.35	0.43	0.55	0.61	0.30	0.53	0.49	1.15	1.20	1.19	1.07	1.06	1.02	1.15	1.14			
115	0.40	0.51	0.63	0.65	0.73	0.40	0.67	0.63	1.47	1.50	1.32	1.11	1.20	1.10	1.31	1.45			
120	0.54	0.66	0.77	0.78	0.82	0.56	0.81	0.75	1.55	1.59	1.51	0.95	1.29	1.07	1.53	1.58			
125	0.70	0.84	0.86	0.99	1.12	0.84	0.88	0.88	1.59	1.69	1.52	1.66	1.71	1.62	1.54	1.65			
130	0.99	0.93	0.91	1.17	1.24	1.00	0.96	0.94	1.86	1.85	1.49	1.78	1.84	1.87	1.61	1.81			
135	1.00	1.04	1.04	1.38	1.30	1.25	1.06	1.04	1.99	1.88	1.37	1.91	1.90	1.91	1.56	1.86			
140	1.20	1.27	1.15	1.45	1.45	1.48	1.14	1.36	2.09	1.99	1.35	2.01	1.94	1.82	1.55	1.90			
145	1.39	1.49	1.41	1.45	1.52	1.57	1.27	1.43	2.11	2.06	1.45	2.05	1.98	2.01	1.57	2.02			
150	1.51	1.62	1.62	1.57	1.68	1.63	1.55	1.47	2.22	2.13	1.77	2.09	2.25	2.23	1.92	2.18			
155	1.51	1.62	1.62	1.57	1.68	1.62	1.72	1.47	2.28	2.16	2.02	2.17	1.91	2.24	2.25	2.18			
160	1.55	1.60	1.61	1.57	1.61	1.63	1.67	1.47	2.31	2.23	2.11	2.26	2.05	2.02	2.16	2.19			
165	1.59	1.57	1.61	1.62	1.62	1.61	1.64	1.51	2.31	2.32	2.13	2.24	2.14	2.17	2.20	2.30			
170	1.99	1.77	2.15	2.25	2.40	2.06	2.20	1.76	2.31	2.35	2.13	2.23	2.05	2.19	2.44	2.30			
175	2.44	2.07	2.38	2.29	2.63	2.36	2.51	1.91	2.45	2.47	2.13	2.38	2.27	2.50	2.51	2.45			
180	2.42	2.17	2.53	2.23	2.63	2.46	2.52	2.00	2.42	2.43	2.14	2.50	2.23	2.63	2.46	2.52			

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