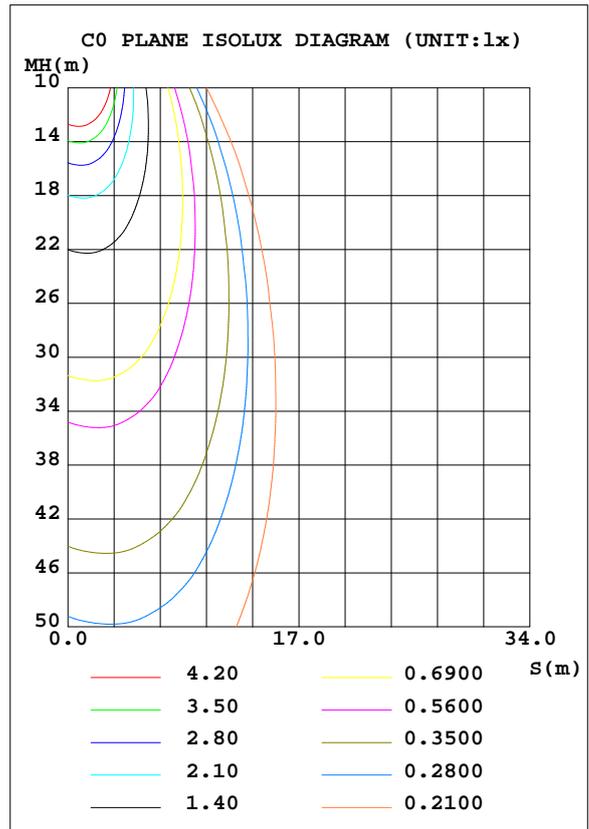
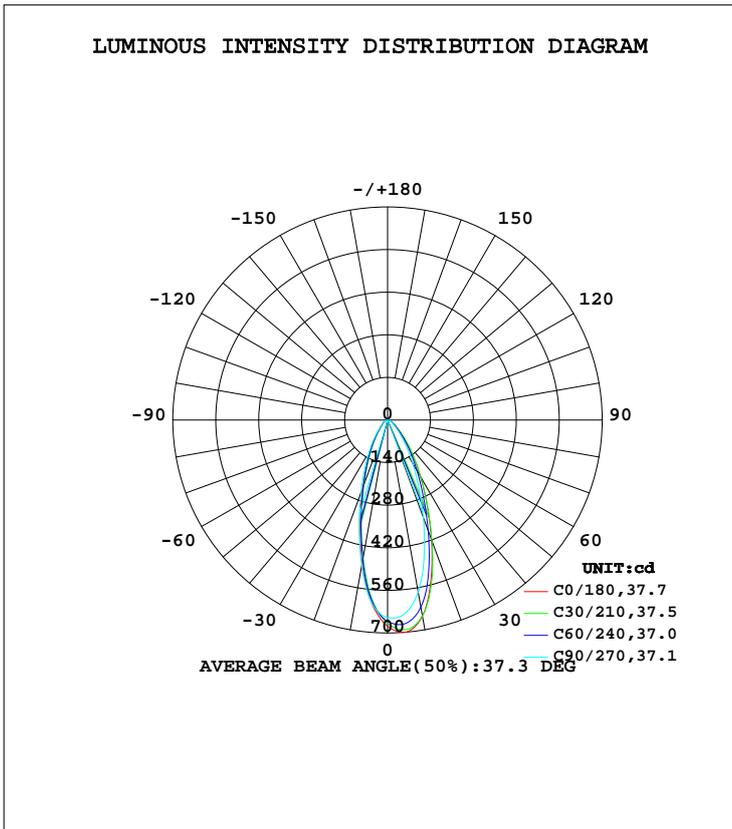


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.14 lm/W			
MODEL	4W	I _{max} (cd)	699.6	S/MH(C0/180)	0.50
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.54
RATED VOLTAGE(V)	6	TOTAL FLUX(lm)	419.43	η UP, DN(C0-180)	0.3,55.3
NOMINAL FLUX(lm)	419.426	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3,44.0
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	6	η down(%)	99.4	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [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	654.1	639.1	574.5	494.8	479.5	463.1	485.3	569.5	0- 10	57.40	57.40	13.7,13.7
20	419.8	406.1	341.1	264.7	236.8	227.1	251.1	336.6	10- 20	117.2	174.6	41.6,41.6
30	213.3	203.6	163.6	116.3	103.0	103.7	120.3	167.7	20- 30	99.94	274.5	65.4,65.4
40	99.17	93.94	71.22	49.75	43.87	44.62	51.89	75.78	30- 40	63.40	337.9	80.6,80.6
50	41.78	38.69	30.54	24.28	22.69	22.66	24.70	33.44	40- 50	34.55	372.4	88.8,88.8
60	20.67	19.72	17.76	15.52	15.47	14.46	15.03	17.67	50- 60	19.89	392.3	93.5,93.5
70	13.50	13.56	12.74	9.571	8.606	7.981	10.25	11.97	60- 70	13.76	406.1	96.8,96.8
80	6.937	7.841	5.364	3.584	2.947	2.544	3.604	5.189	70- 80	8.265	414.4	98.8,98.8
90	1.646	1.676	0.9694	0.0003	0	0	0	0.3991	80- 90	2.507	416.9	99.4,99.4
100	0	0	0	0	0	0	0	0	90-100	0.1186	417.0	99.4,99.4
110	0	0	0	0	0	0	0	0	100-110	0	417.0	99.4,99.4
120	0	0	0.0077	0.0691	0.1079	0.0727	0	0.0001	110-120	0.0070	417.0	99.4,99.4
130	0.1148	0.1572	0.2606	0.3869	0.4526	0.3906	0.2370	0.1456	120-130	0.1103	417.1	99.4,99.4
140	0.5434	0.5670	0.7053	0.8815	0.9508	0.8735	0.6972	0.5399	130-140	0.3681	417.5	99.5,99.5
150	1.080	1.123	1.250	1.395	1.442	1.380	1.195	1.034	140-150	0.6079	418.1	99.7,99.7
160	1.563	1.594	1.671	1.736	1.809	1.717	1.571	1.468	150-160	0.6668	418.8	99.8,99.8
170	1.885	1.870	1.893	1.860	1.985	1.881	1.747	1.721	160-170	0.4955	419.2	100,100
180	2.031	1.977	1.947	1.893	2.031	1.989	1.916	1.881	170-180	0.1801	419.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 357.84 lm

%lum = 85.3%
%lamp = 85.3%

Conical surface Flux(120deg): 392.34 lm

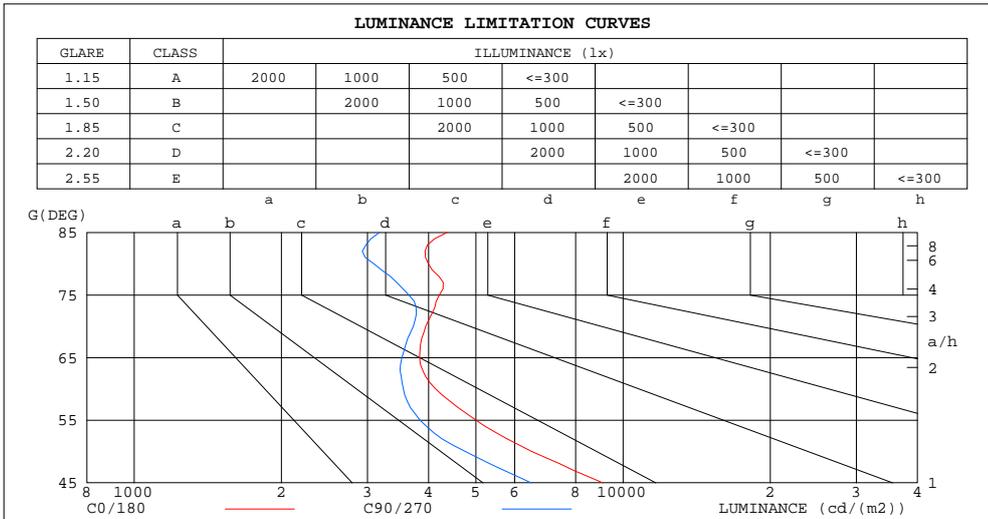
%lum = 93.5%
%lamp = 93.5%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:
Test Date:2019-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
Humidity:47.5%
Test Distance:10.680m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4367	3176
80	3995	3089
75	4211	3646
70	3948	3724
65	3835	3527
60	4135	3552
55	4999	3841
50	6499	4750
45	9089	6481

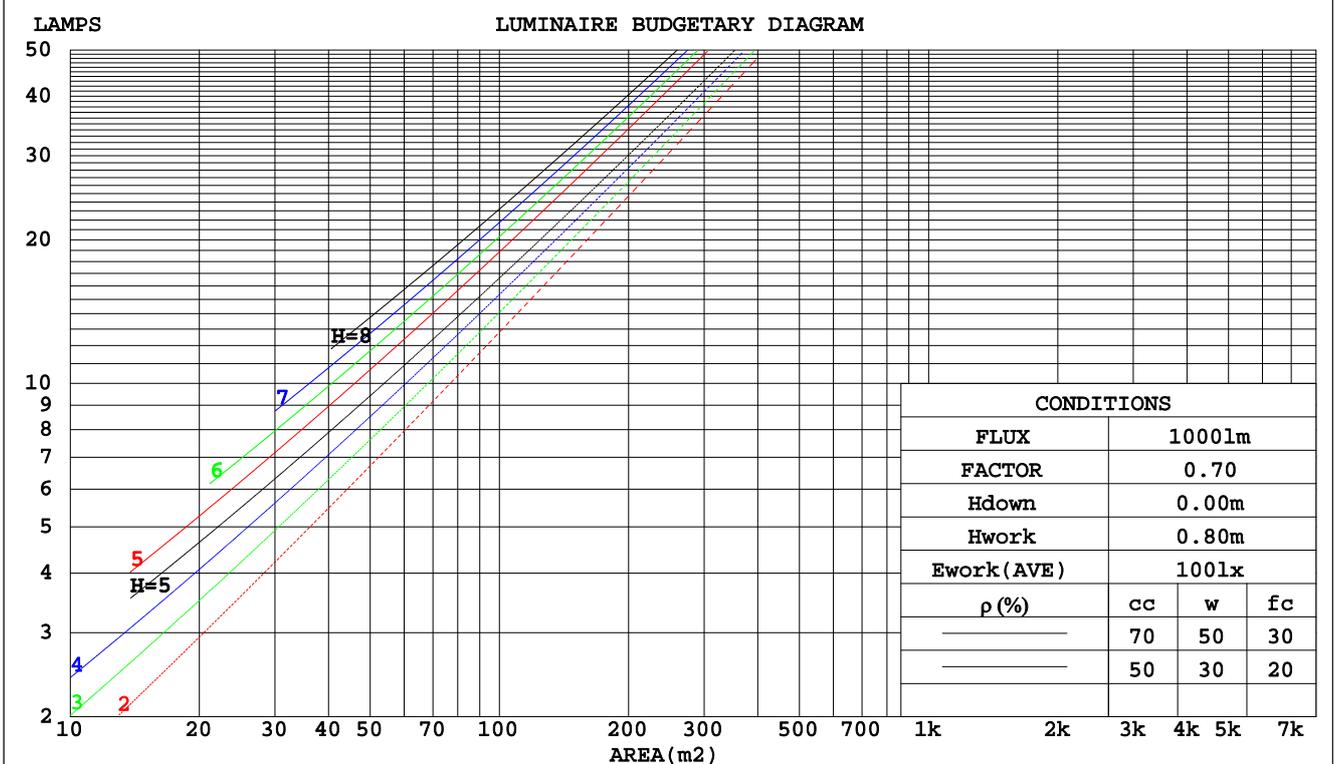
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.96	.92	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.83	.92	.87	.82	.89	.85	.81	.86	.83	.80	.84	.81	.78	.77
4.0	.87	.81	.76	.85	.80	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.75	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.71	.66	.63	.62
7.0	.71	.65	.61	.71	.65	.60	.69	.64	.60	.68	.63	.60	.67	.63	.59	.58
8.0	.67	.61	.57	.67	.61	.57	.66	.60	.57	.65	.60	.56	.64	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.54	.50	.58	.53	.50	.49



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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	.204	.116	.037	.197	.113	.036	.184	.106	.034	.172	.099	.032	.161	.093	.030	
2.0	.193	.106	.032	.187	.103	.032	.176	.098	.030	.166	.093	.029	.156	.088	.028	
3.0	.181	.096	.029	.176	.094	.028	.166	.090	.027	.157	.086	.026	.149	.083	.026	
4.0	.170	.088	.026	.165	.087	.026	.157	.083	.025	.149	.080	.024	.142	.077	.024	
5.0	.160	.081	.024	.156	.080	.023	.149	.077	.023	.142	.075	.022	.136	.072	.022	
6.0	.151	.076	.022	.147	.074	.021	.141	.072	.021	.135	.070	.021	.129	.068	.020	
7.0	.142	.070	.020	.139	.069	.020	.134	.068	.019	.128	.066	.019	.123	.064	.019	
8.0	.135	.066	.019	.132	.065	.018	.127	.064	.018	.123	.062	.018	.118	.061	.018	
9.0	.128	.062	.017	.126	.061	.017	.121	.060	.017	.117	.059	.017	.113	.057	.017	
10.0	.122	.059	.016	.120	.058	.016	.116	.057	.016	.112	.056	.016	.109	.055	.016	

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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.178	.162	.147	.152	.139	.127	.104	.096	.088	.060	.055	.051	.019	.018	.016	
2.0	.164	.137	.115	.140	.118	.099	.096	.082	.069	.055	.047	.041	.018	.015	.013	
3.0	.152	.118	.092	.130	.102	.079	.090	.071	.056	.052	.041	.033	.017	.013	.011	
4.0	.142	.104	.075	.122	.090	.065	.084	.063	.046	.048	.037	.027	.016	.012	.009	
5.0	.133	.093	.062	.115	.080	.054	.079	.056	.038	.046	.033	.023	.015	.011	.008	
6.0	.126	.083	.053	.108	.072	.046	.075	.051	.033	.043	.030	.019	.014	.010	.006	
7.0	.119	.076	.046	.102	.066	.040	.071	.046	.028	.041	.027	.017	.013	.009	.006	
8.0	.113	.070	.040	.097	.060	.035	.067	.042	.025	.039	.025	.015	.013	.008	.005	
9.0	.107	.064	.035	.093	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
10.0	.103	.060	.032	.088	.052	.028	.061	.037	.020	.036	.022	.012	.012	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm										
NAME: MR16 4W 5-27V					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding 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					Viewed endwise				
x = 2H y = 2H	20.1	21.1	20.3	21.3	21.4	19.0	20.0	19.2	20.2	20.3
3H	20.7	21.7	21.0	21.9	22.1	19.8	20.8	20.1	21.0	21.2
4H	21.2	22.1	21.5	22.3	22.6	20.3	21.2	20.6	21.5	21.7
6H	21.6	22.5	21.9	22.7	23.0	20.7	21.5	21.0	21.8	22.1
8H	21.8	22.6	22.1	22.9	23.1	20.8	21.6	21.1	21.9	22.2
12H	21.9	22.7	22.2	23.0	23.3	20.9	21.7	21.2	22.0	22.2
4H 2H	20.2	21.1	20.5	21.3	21.6	19.2	20.1	19.5	20.4	20.6
3H	21.1	21.9	21.5	22.2	22.5	20.4	21.2	20.8	21.5	21.8
4H	21.8	22.5	22.2	22.8	23.1	21.1	21.8	21.5	22.1	22.5
6H	22.4	23.1	22.8	23.4	23.8	21.6	22.3	22.0	22.6	23.0
8H	22.7	23.2	23.1	23.6	24.0	21.8	22.4	22.2	22.8	23.1
12H	22.9	23.4	23.3	23.8	24.2	21.9	22.5	22.4	22.9	23.3
8H 4H	22.0	22.6	22.5	23.0	23.4	21.4	22.0	21.8	22.4	22.8
6H	22.9	23.4	23.3	23.8	24.2	22.2	22.6	22.6	23.1	23.5
8H	23.2	23.7	23.7	24.1	24.5	22.4	22.9	22.9	23.3	23.8
12H	23.5	23.9	24.0	24.4	24.8	22.7	23.0	23.2	23.5	24.0
12H 4H	22.1	22.6	22.5	23.0	23.4	21.5	22.0	21.9	22.4	22.8
6H	23.0	23.4	23.4	23.8	24.3	22.3	22.7	22.7	23.1	23.6
8H	23.4	23.7	23.8	24.2	24.7	22.6	23.0	23.1	23.4	23.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 1.0 / - 0.5					+ 0.8 / - 0.7				
2.0H	+ 1.1 / - 0.5					+ 0.8 / - 0.6				

CIE Pub.117, 419.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

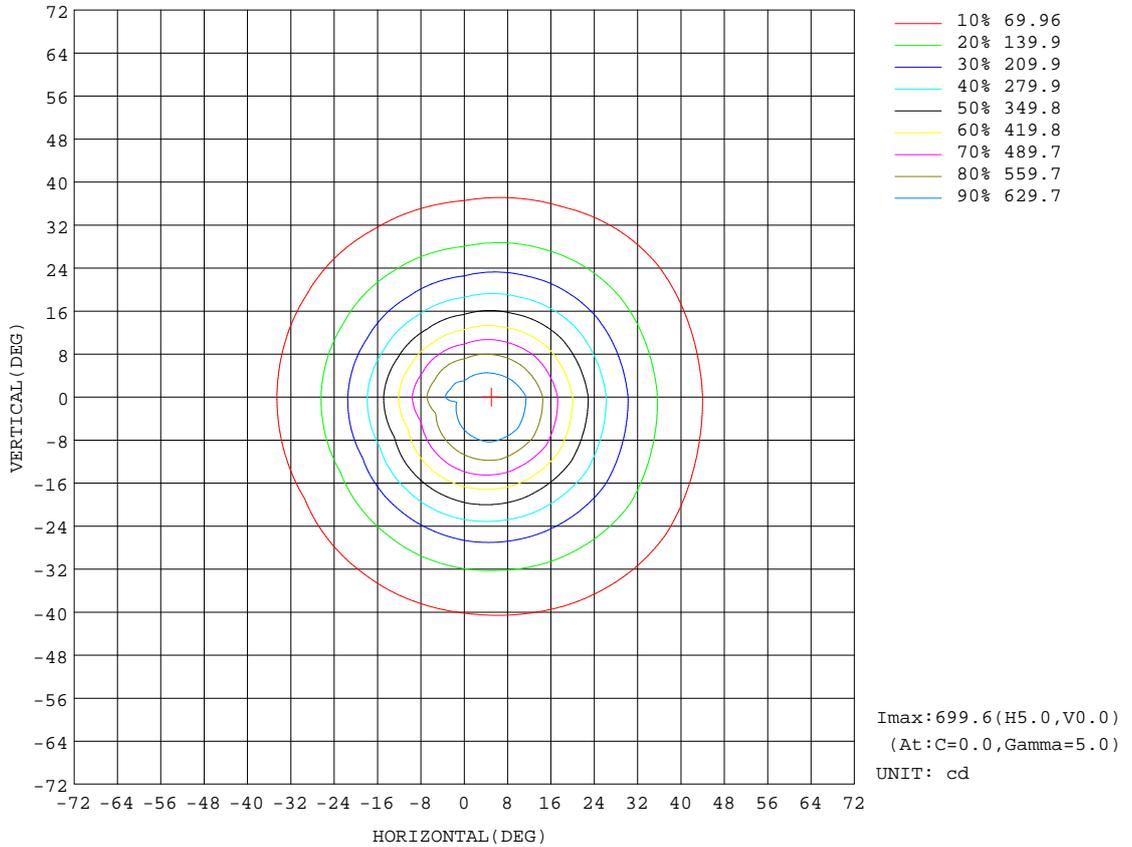
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	80	72	67	79	72	67	78	71	67	63
0.80	88	80	76	87	80	76	85	79	75	71
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	91	87	97	91	87	95	89	86	81
1.50	101	95	91	100	94	90	97	93	89	84
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	102	99	105	101	98	102	99	96	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

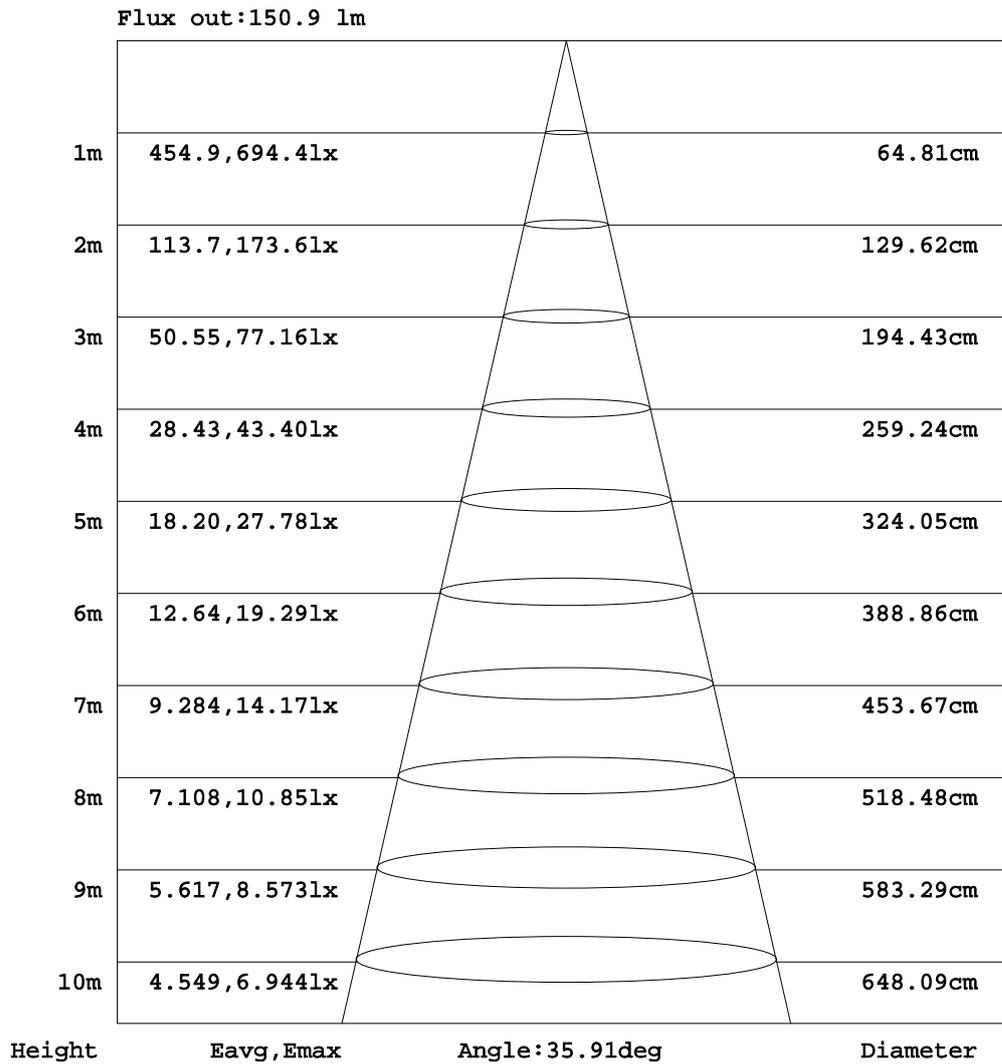


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators:
 Test Date: 2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity: 47.5%
 Test Distance: 10.680m [K=1.0000]
 Remarks:

AAI Figure

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



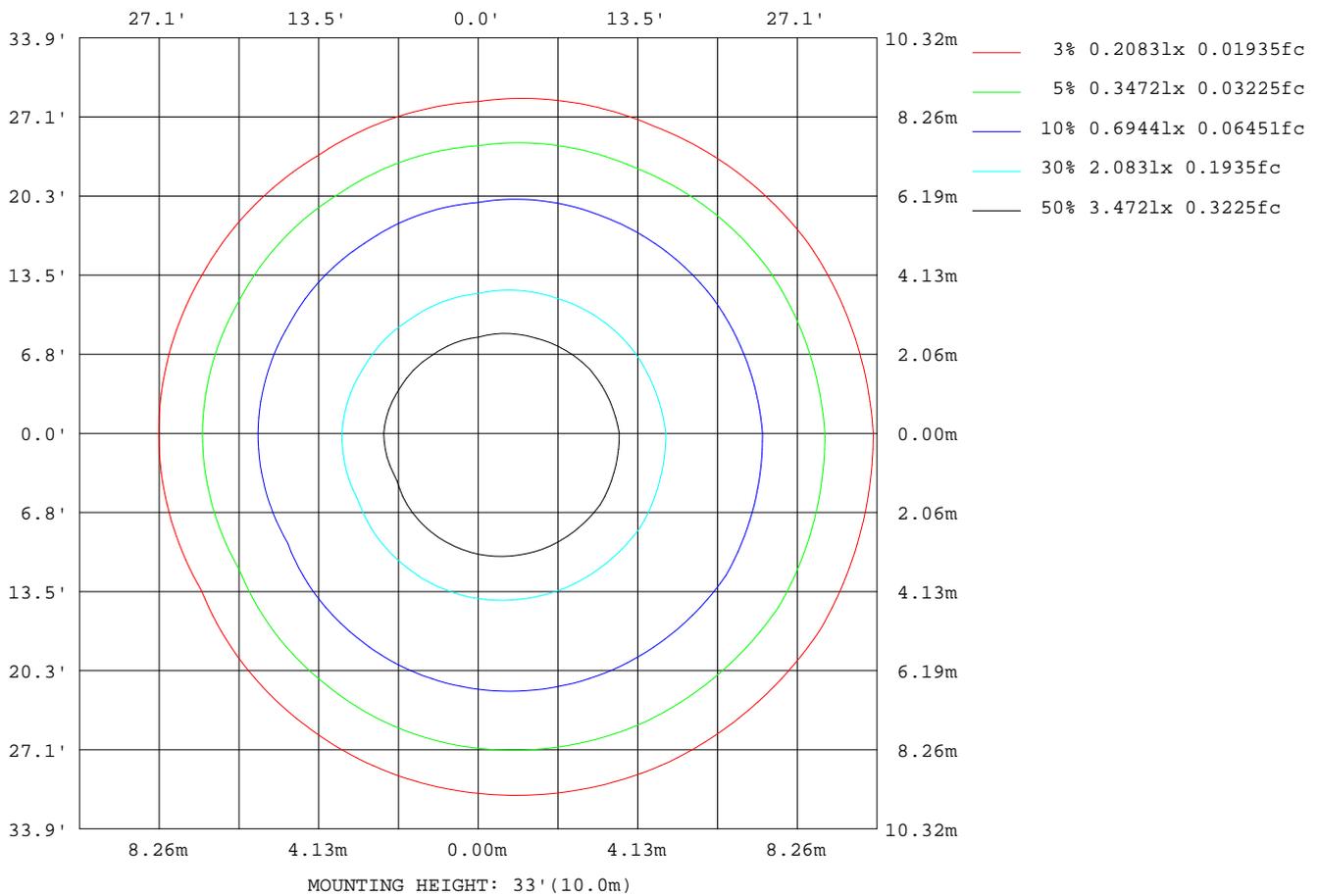
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators:
 Test Date: 2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity: 47.5%
 Test Distance: 10.680m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

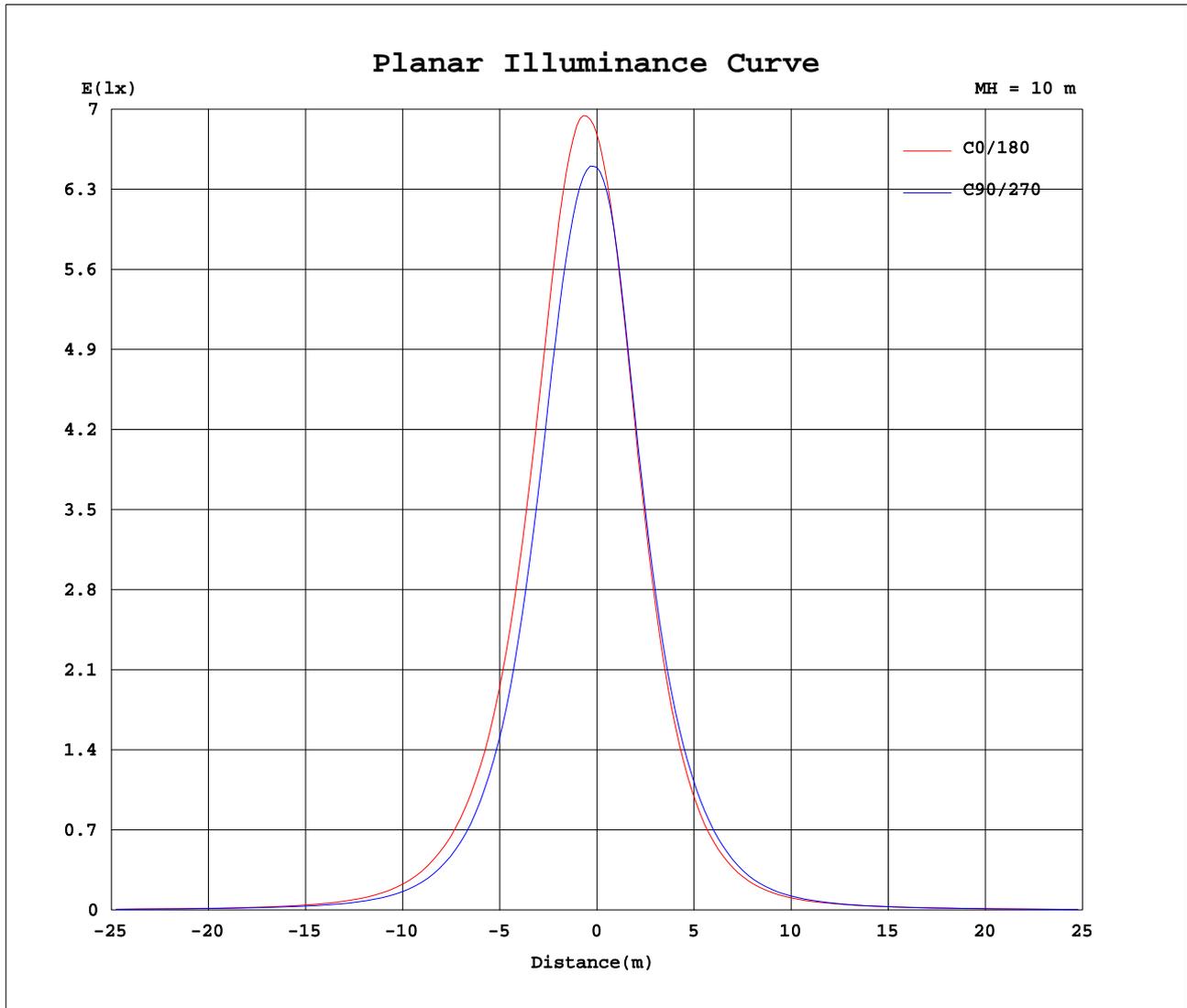
AvgL	cd/m2
L_0~180(65)av	3412
L_0~180(75)av	3151
L_0~180(85)av	2384
L_90~270(65)av	3296
L_90~270(75)av	3034
L_90~270(85)av	2330
L_45(65)av	3240
L_45(75)av	2985
L_45(85)av	2475

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:
 Test Date:2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity:47.5%
 Test Distance:10.680m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators:
 Test Date: 2019-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.361
 Humidity: 47.5%
 Test Distance: 10.680m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:5.827V I:0.7489A P:4.362W PF:1.0000 Freq:0Hz Lamp Flux:419.426x1 lm		
NAME: MR16 4W 5-27V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	678	669	662	649	648	646	678	669	662	649	648	646							
5	700	691	671	640	609	580	603	591	595	602	629	656							
10	654	654	625	575	521	469	479	460	466	485	541	598							
15	547	553	518	462	403	347	347	331	334	358	417	490							
20	420	423	389	341	287	242	237	224	230	251	303	370							
25	304	304	275	237	195	160	157	152	159	175	215	265							
30	213	216	191	164	130	103	103	101	107	120	150	186							
35	147	150	131	109	85.2	67.3	67.3	65.7	69.7	79.8	101	128							
40	99.2	101	87.2	71.2	55.8	43.7	43.9	43.8	45.5	51.9	65.8	85.7							
45	64.3	64.3	56.5	45.8	37.3	29.7	30.2	30.9	31.0	35.1	43.0	56.1							
50	41.8	41.0	36.4	30.5	26.4	22.1	22.7	22.5	22.8	24.7	29.6	37.3							
55	28.7	27.9	24.9	22.0	19.7	18.0	18.4	17.7	17.9	18.4	21.2	25.9							
60	20.7	20.5	19.0	17.8	16.1	15.0	15.5	14.1	14.8	15.0	16.3	19.0							
65	16.2	16.1	15.8	14.9	13.1	12.5	12.6	11.0	12.5	13.0	13.7	15.3							
70	13.5	13.6	13.5	12.7	10.2	8.99	8.61	7.56	8.40	10.2	11.5	12.4							
75	10.9	11.2	11.1	9.44	6.71	5.63	5.41	4.80	5.18	6.27	8.13	9.31							
80	6.94	8.30	7.38	5.36	4.02	3.15	2.95	2.16	2.93	3.60	4.62	5.76							
85	3.81	4.41	3.76	2.77	1.88	0.78	0.35	0.25	0.52	1.29	2.37	3.20							
90	1.65	1.80	1.55	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80							
95	0.00	0.15	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
115	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00							
120	0.00	0.00	0.00	0.01	0.00	0.14	0.11	0.08	0.07	0.00	0.00	0.00							
125	0.00	0.05	0.00	0.11	0.11	0.28	0.25	0.18	0.22	0.08	0.08	0.00							
130	0.11	0.18	0.13	0.26	0.28	0.49	0.45	0.37	0.41	0.24	0.22	0.07							
135	0.31	0.36	0.31	0.46	0.50	0.74	0.70	0.61	0.64	0.45	0.41	0.23							
140	0.54	0.58	0.55	0.71	0.77	1.00	0.95	0.87	0.88	0.70	0.64	0.44							
145	0.80	0.86	0.81	0.98	1.03	1.27	1.20	1.13	1.14	0.95	0.89	0.67							
150	1.08	1.15	1.10	1.25	1.29	1.50	1.44	1.37	1.39	1.20	1.14	0.93							
155	1.35	1.42	1.36	1.48	1.52	1.69	1.66	1.56	1.58	1.39	1.37	1.17							
160	1.56	1.63	1.56	1.67	1.66	1.81	1.81	1.71	1.72	1.57	1.55	1.39							
165	1.76	1.80	1.71	1.81	1.76	1.89	1.93	1.80	1.84	1.68	1.69	1.54							
170	1.89	1.92	1.82	1.89	1.82	1.90	1.98	1.86	1.90	1.75	1.78	1.66							
175	1.98	2.01	1.90	1.94	1.84	1.91	2.02	1.92	1.94	1.80	1.85	1.75							
180	2.03	2.03	1.92	1.95	1.89	1.89	2.03	1.99	1.98	1.92	1.92	1.85							

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