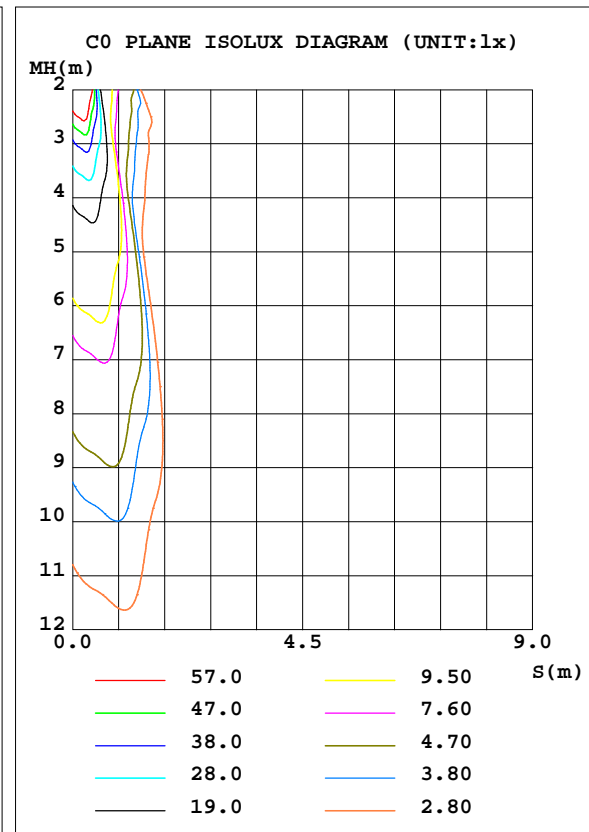
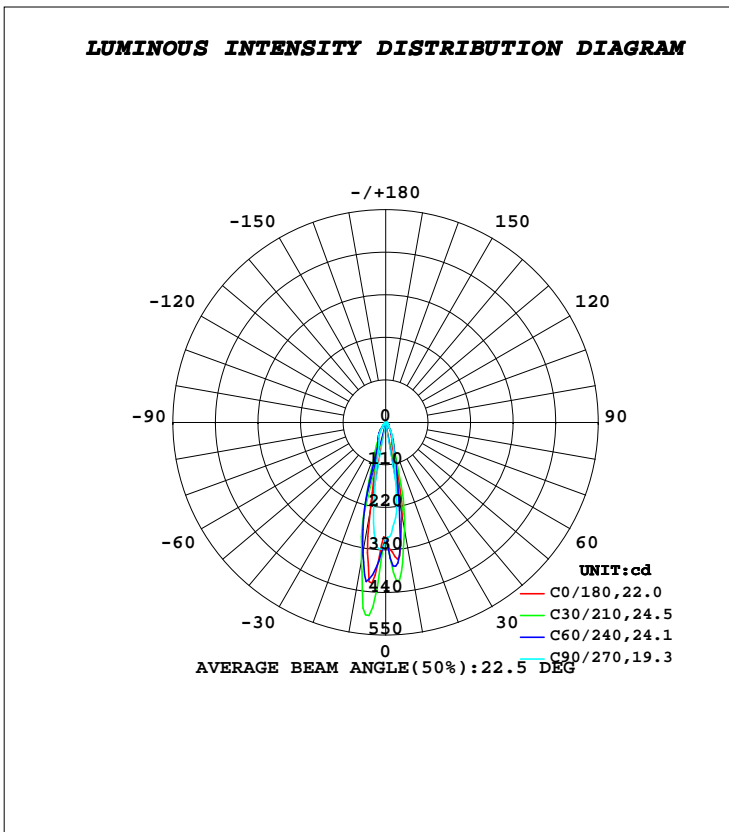


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	501.4	S/MH(C0/180)	0.38
NOMINAL POWER(W)	7.5	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	105.33	η UP, DN(C0-180)	1.7,44.8
NOMINAL FLUX(lm)	105.33	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.6,51.9
LAMPS INSIDE	1	η up(%)	3.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	96.6	CIBSE SHR MAX	0.30



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-11-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

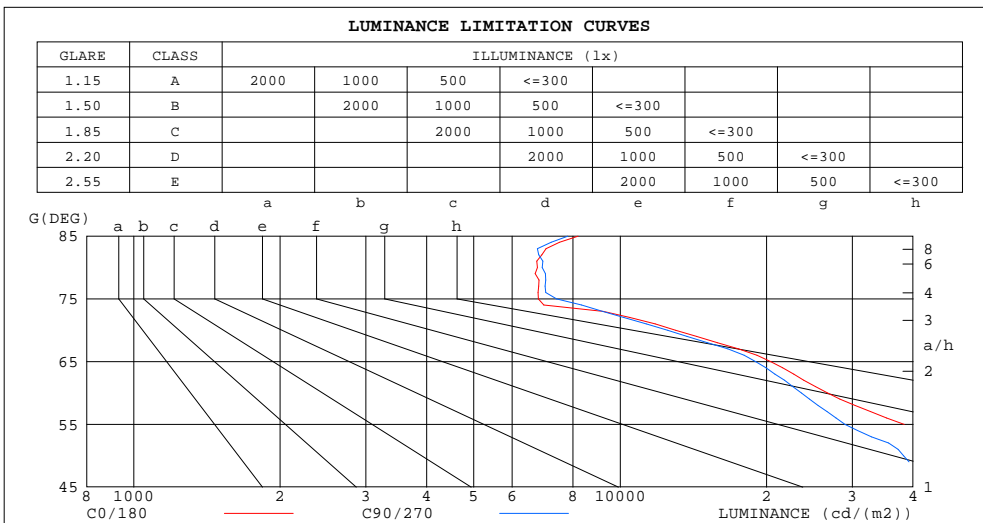
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	243.1	241.0	150.9	153.7	237.9	352.5	160.1	141.8	0- 10	27.77	27.77	26.4,26.4
20	47.25	59.61	54.00	51.18	63.67	70.42	51.81	49.24	10- 20	30.79	58.56	55.6,55.6
30	28.21	26.88	28.46	33.81	37.63	34.66	34.65	28.80	20- 30	19.09	77.64	73.7,73.7
40	8.131	8.434	9.682	10.45	11.90	10.99	14.00	11.00	30- 40	11.78	89.42	84.9,84.9
50	5.745	5.343	5.236	4.745	6.333	6.858	6.995	5.451	40- 50	5.924	95.34	90.5,90.5
60	2.472	2.522	2.511	2.475	3.538	3.392	3.345	2.687	50- 60	3.716	99.06	94,94
70	0.8237	0.7801	0.9116	0.9952	1.350	1.397	1.292	0.9212	60- 70	1.851	100.9	95.8,95.8
80	0.2174	0.2216	0.2555	0.2592	0.4637	0.4776	0.5002	0.3852	70- 80	0.6155	101.5	96.4,96.4
90	0.1207	0.1207	0.1231	0.1150	0.2604	0.2648	0.2714	0.2510	80- 90	0.2681	101.8	96.6,96.6
100	0.2139	0.2108	0.1894	0.1649	0.2726	0.2751	0.2810	0.2683	90-100	0.2250	102.0	96.9,96.9
110	0.4176	0.3689	0.3484	0.3617	0.3137	0.3155	0.3210	0.3144	100-110	0.3011	102.3	97.1,97.1
120	0.4487	0.4908	0.5410	0.4546	0.4245	0.4209	0.4414	0.4422	110-120	0.3990	102.7	97.5,97.5
130	0.5426	0.5811	0.5648	0.4862	0.5432	0.5465	0.5644	0.5406	120-130	0.4415	103.2	97.9,97.9
140	0.8318	0.8639	0.8503	0.7602	0.7072	0.7277	0.7475	0.7364	130-140	0.4979	103.7	98.4,98.4
150	1.124	1.176	1.210	1.103	1.001	1.007	1.058	1.031	140-150	0.5825	104.2	99,99
160	1.342	1.451	1.464	1.320	1.261	1.259	1.290	1.239	150-160	0.5564	104.8	99.5,99.5
170	1.381	1.478	1.645	1.513	1.406	1.371	1.454	1.418	160-170	0.3981	105.2	99.9,99.9
180	1.327	1.433	1.466	1.350	1.386	1.416	1.451	1.348	170-180	0.1356	105.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-11-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8194	7802
80	6758	6911
75	6786	7406
70	13002	12522
65	20384	18999
60	26695	23598
55	38355	29009
50	48251	38268
45	50631	44311

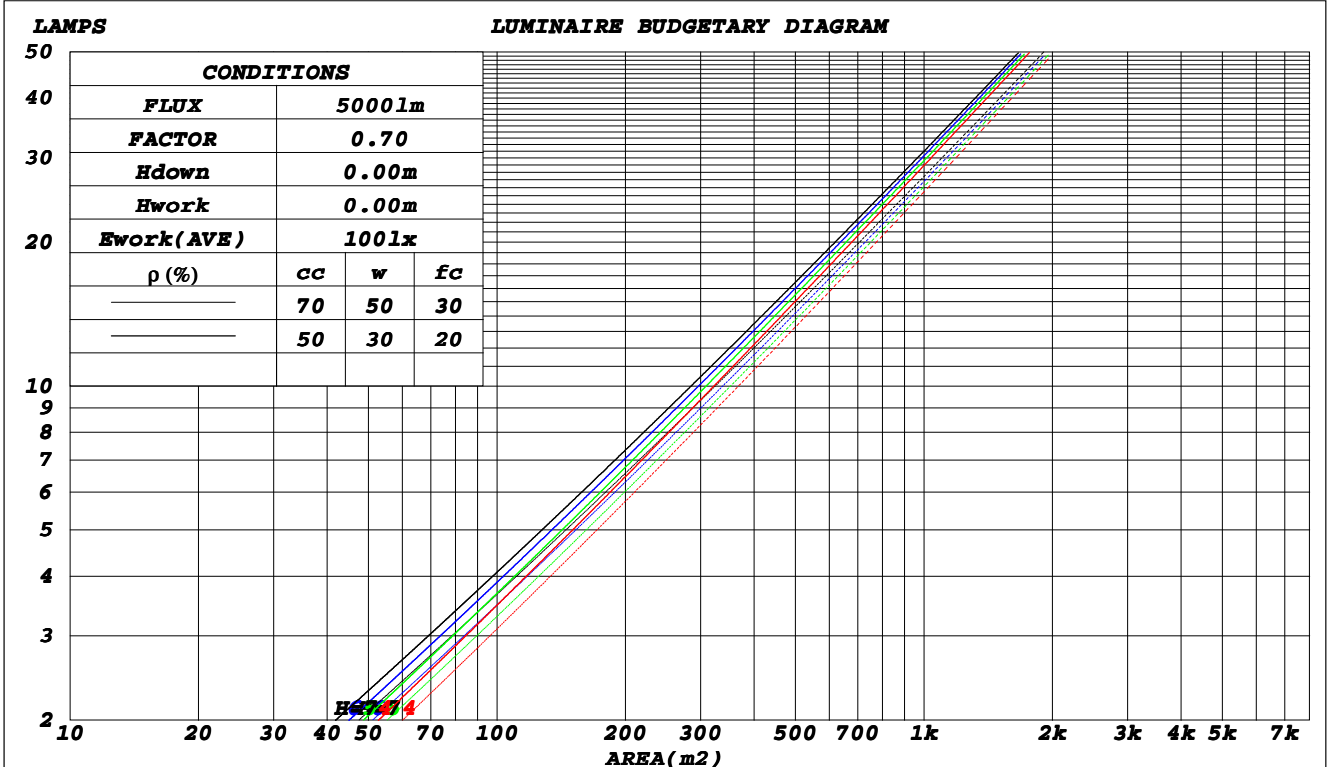
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-11-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>															
	<b>Coefficients of Utilization(CU)</b>															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.01	.00	.99	.97	.96	.95	.94	.93	.91
2.0	1.03	.99	.96	1.01	.97	.94	.97	.94	.92	.94	.91	.89	.91	.89	.87	.85
3.0	.97	.92	.88	.95	.91	.87	.92	.88	.85	.89	.86	.84	.86	.84	.82	.80
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.81	.77	.75	.79	.76	.74	.72
6.0	.82	.77	.73	.81	.76	.72	.79	.75	.72	.78	.74	.71	.76	.73	.70	.69
7.0	.78	.73	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.73	.70	.67	.66
8.0	.75	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.70	.67	.64	.63
9.0	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.68	.64	.62	.61
10.0	.69	.64	.61	.68	.64	.60	.67	.63	.60	.67	.63	.60	.66	.62	.59	.58



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-11-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**WEC AND CCEC**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.174	.099	.031	.166	.095	.030	.152	.087	.028	.138	.080	.026	.126	.073	.024	
2.0	.164	.090	.028	.157	.087	.027	.145	.081	.025	.134	.075	.023	.123	.070	.022	
3.0	.154	.082	.025	.148	.079	.024	.138	.075	.023	.128	.070	.022	.119	.066	.020	
4.0	.145	.075	.022	.140	.073	.022	.131	.069	.021	.122	.066	.020	.114	.062	.019	
5.0	.136	.069	.020	.132	.068	.020	.124	.065	.019	.116	.061	.018	.109	.058	.018	
6.0	.129	.065	.018	.125	.063	.018	.118	.060	.018	.111	.058	.017	.105	.055	.016	
7.0	.122	.060	.017	.118	.059	.017	.112	.057	.016	.106	.054	.016	.101	.052	.015	
8.0	.116	.056	.016	.113	.055	.016	.107	.053	.015	.102	.051	.015	.097	.050	.014	
9.0	.110	.053	.015	.107	.052	.015	.102	.050	.014	.097	.049	.014	.093	.047	.014	
10.0	.105	.050	.014	.102	.049	.014	.098	.048	.013	.093	.046	.013	.089	.045	.013	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.197	.183	.171	.168	.157	.147	.115	.108	.102	.066	.063	.059	.021	.020	.019	
2.0	.181	.158	.139	.155	.136	.121	.106	.094	.084	.061	.055	.049	.020	.018	.016	
3.0	.168	.140	.117	.144	.120	.101	.099	.084	.071	.057	.049	.042	.018	.016	.014	
4.0	.157	.125	.100	.135	.108	.087	.093	.075	.061	.054	.044	.036	.017	.014	.012	
5.0	.148	.113	.087	.127	.098	.076	.088	.068	.054	.051	.040	.032	.016	.013	.011	
6.0	.140	.104	.078	.120	.090	.068	.083	.063	.048	.048	.037	.028	.016	.012	.009	
7.0	.133	.096	.070	.114	.083	.061	.079	.058	.043	.046	.034	.026	.015	.011	.009	
8.0	.127	.090	.064	.109	.078	.056	.075	.055	.040	.044	.032	.024	.014	.011	.008	
9.0	.121	.084	.059	.104	.073	.052	.072	.051	.037	.042	.030	.022	.014	.010	.007	
10.0	.116	.080	.055	.100	.069	.048	.069	.049	.034	.040	.029	.020	.013	.009	.007	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-11-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

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				
<b>x = 2H y = 2H</b>	<b>20.8</b>	<b>21.6</b>	<b>21.0</b>	<b>21.8</b>	<b>22.0</b>	<b>20.0</b>	<b>20.9</b>	<b>20.3</b>	<b>21.1</b>	<b>21.3</b>
3H	21.0	21.7	21.3	22.0	22.3	20.3	21.1	20.6	21.3	21.6
4H	20.9	21.7	21.3	21.9	22.2	20.3	21.0	20.6	21.3	21.6
6H	20.9	21.6	21.2	21.9	22.2	20.2	20.9	20.6	21.2	21.5
8H	20.9	21.5	21.2	21.8	22.2	20.2	20.9	20.6	21.2	21.5
12H	20.8	21.5	21.2	21.8	22.1	20.2	20.8	20.6	21.2	21.5
<b>4H 2H</b>	<b>20.8</b>	<b>21.5</b>	<b>21.1</b>	<b>21.8</b>	<b>22.1</b>	<b>20.2</b>	<b>20.9</b>	<b>20.5</b>	<b>21.2</b>	<b>21.5</b>
3H	21.1	21.7	21.4	22.0	22.4	20.5	21.1	20.8	21.4	21.8
4H	21.0	21.6	21.4	22.0	22.4	20.5	21.0	20.9	21.4	21.8
6H	21.0	21.5	21.4	21.9	22.3	20.4	21.0	20.9	21.4	21.8
8H	21.0	21.5	21.4	21.9	22.3	20.4	20.9	20.9	21.3	21.8
12H	21.0	21.4	21.4	21.8	22.3	20.4	20.9	20.9	21.3	21.7
<b>8H 4H</b>	<b>20.9</b>	<b>21.4</b>	<b>21.4</b>	<b>21.8</b>	<b>22.3</b>	<b>20.4</b>	<b>20.8</b>	<b>20.8</b>	<b>21.2</b>	<b>21.7</b>
6H	20.9	21.3	21.4	21.8	22.2	20.4	20.8	20.9	21.2	21.7
8H	20.9	21.3	21.4	21.7	22.2	20.4	20.7	20.9	21.2	21.7
12H	20.9	21.2	21.4	21.7	22.3	20.4	20.7	20.9	21.2	21.7
<b>12H 4H</b>	<b>20.9</b>	<b>21.3</b>	<b>21.3</b>	<b>21.7</b>	<b>22.2</b>	<b>20.3</b>	<b>20.7</b>	<b>20.8</b>	<b>21.2</b>	<b>21.6</b>
6H	20.9	21.2	21.4	21.7	22.2	20.3	20.7	20.8	21.1	21.7
8H	20.9	21.2	21.4	21.7	22.2	20.3	20.6	20.9	21.1	21.7
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	<b>+ 1.0 / - 1.1</b>					<b>+ 1.1 / - 1.4</b>				
<b>1.5H</b>	<b>+ 1.2 / - 0.7</b>					<b>+ 1.0 / - 0.8</b>				
<b>2.0H</b>	<b>+ 1.8 / - 2.0</b>					<b>+ 1.8 / - 1.7</b>				

CIE Pub.117, 105.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -7.8)  
 Area: 0.0002 m2

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-11-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
 Humidity:65.0%  
 Test Distance:8.000m [K=0.7063]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

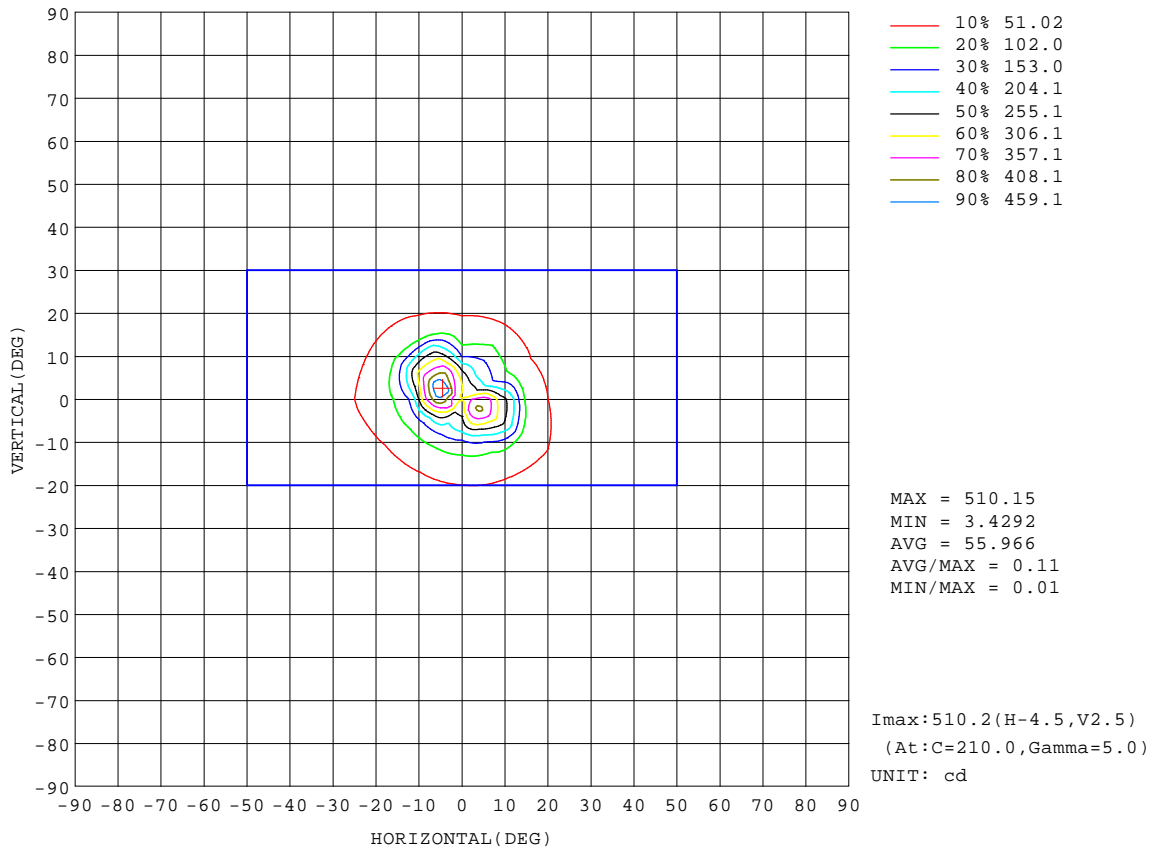
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	82	75	71	81	75	71	80	74	70	66
<b>0.80</b>	90	83	79	89	83	79	88	82	78	74
<b>1.00</b>	95	89	84	94	88	84	92	88	83	79
<b>1.25</b>	99	93	90	98	93	89	96	91	88	83
<b>1.50</b>	102	97	93	101	96	93	98	94	91	86
<b>2.00</b>	106	101	97	104	100	96	101	97	94	88
<b>2.50</b>	108	103	100	106	102	99	102	99	97	90
<b>3.00</b>	110	106	103	107	104	101	103	101	99	91
<b>4.00</b>	112	109	106	109	107	104	105	103	101	93
<b>5.00</b>	113	111	108	111	109	107	106	105	103	94
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>				<b>SHRNOM = 1.25</b>			

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-11-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-11-02**

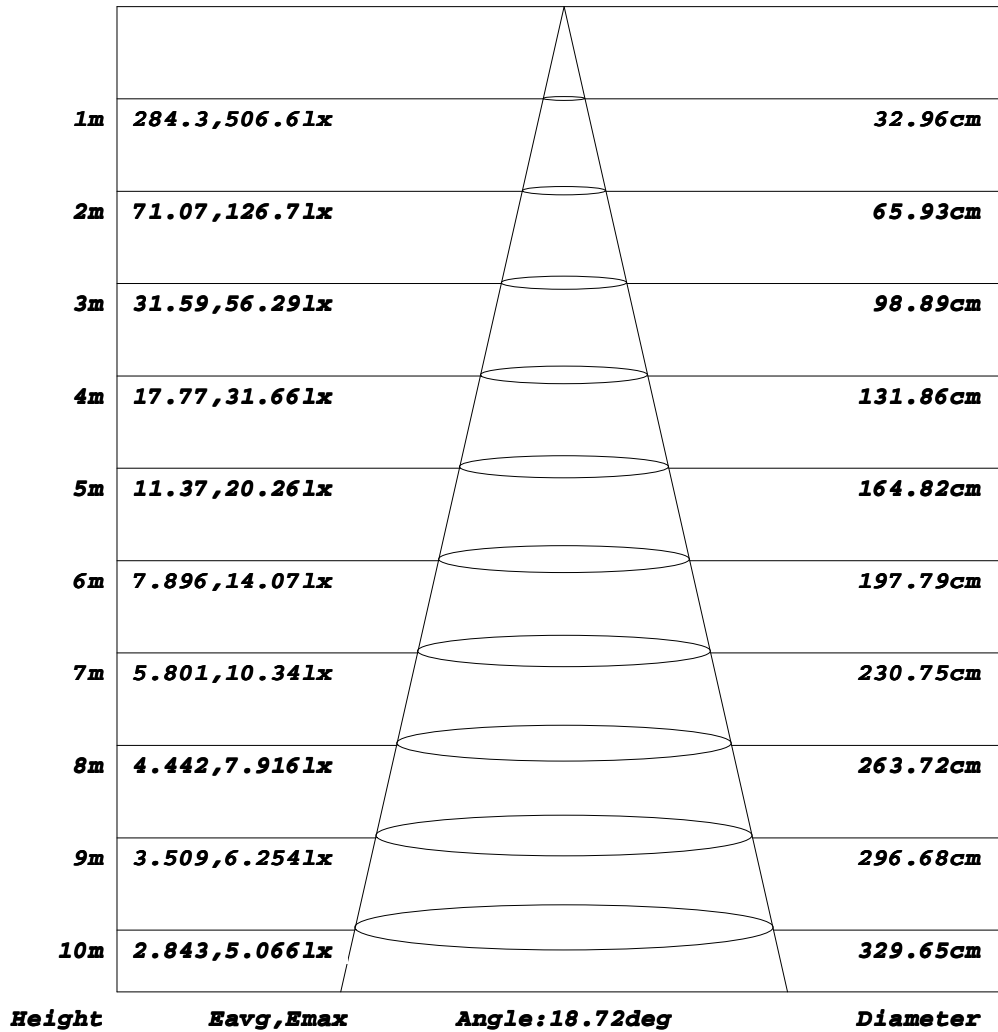
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

**Flux out:27.77 lm**



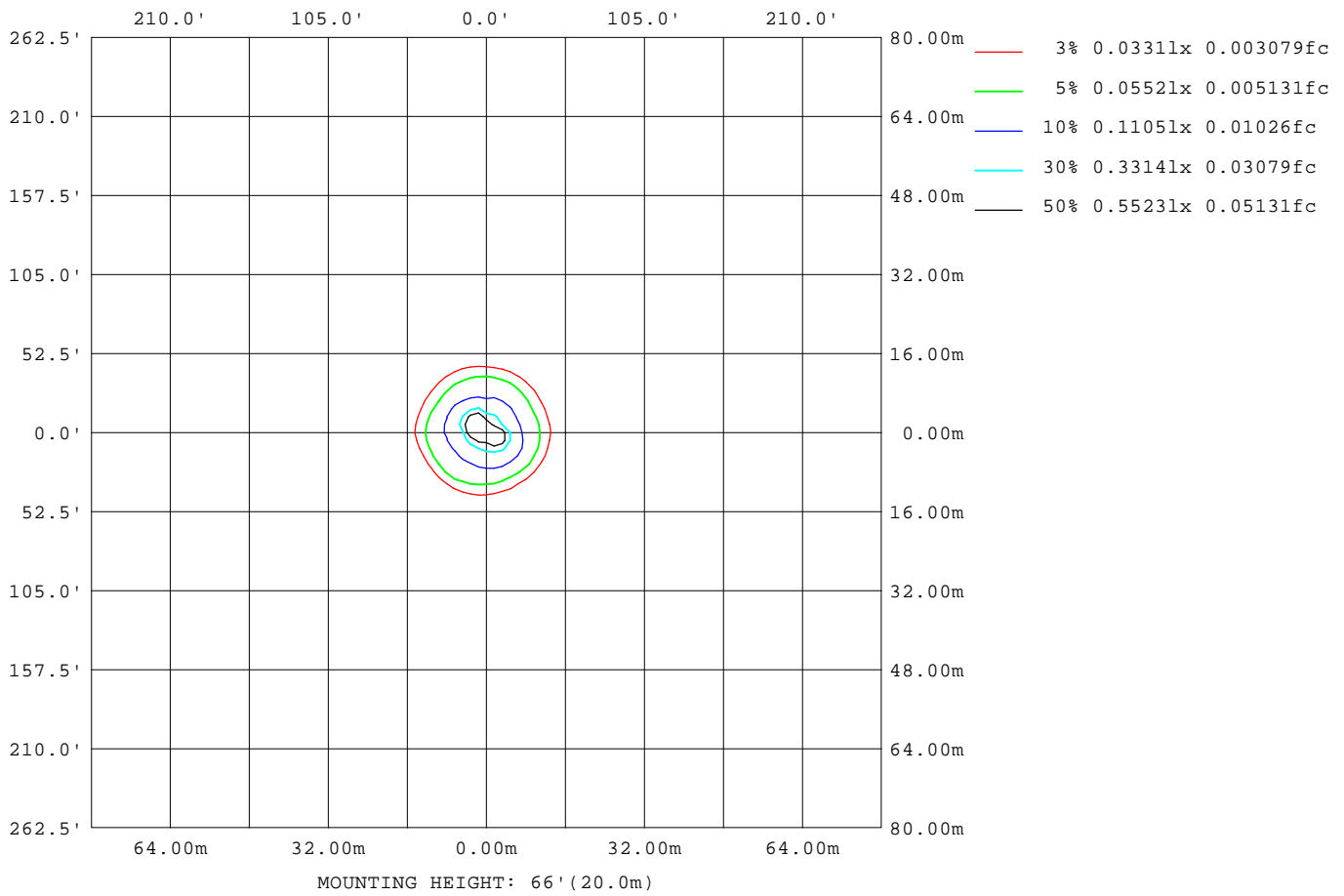
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-11-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**ISOLUX DIAGRAM**

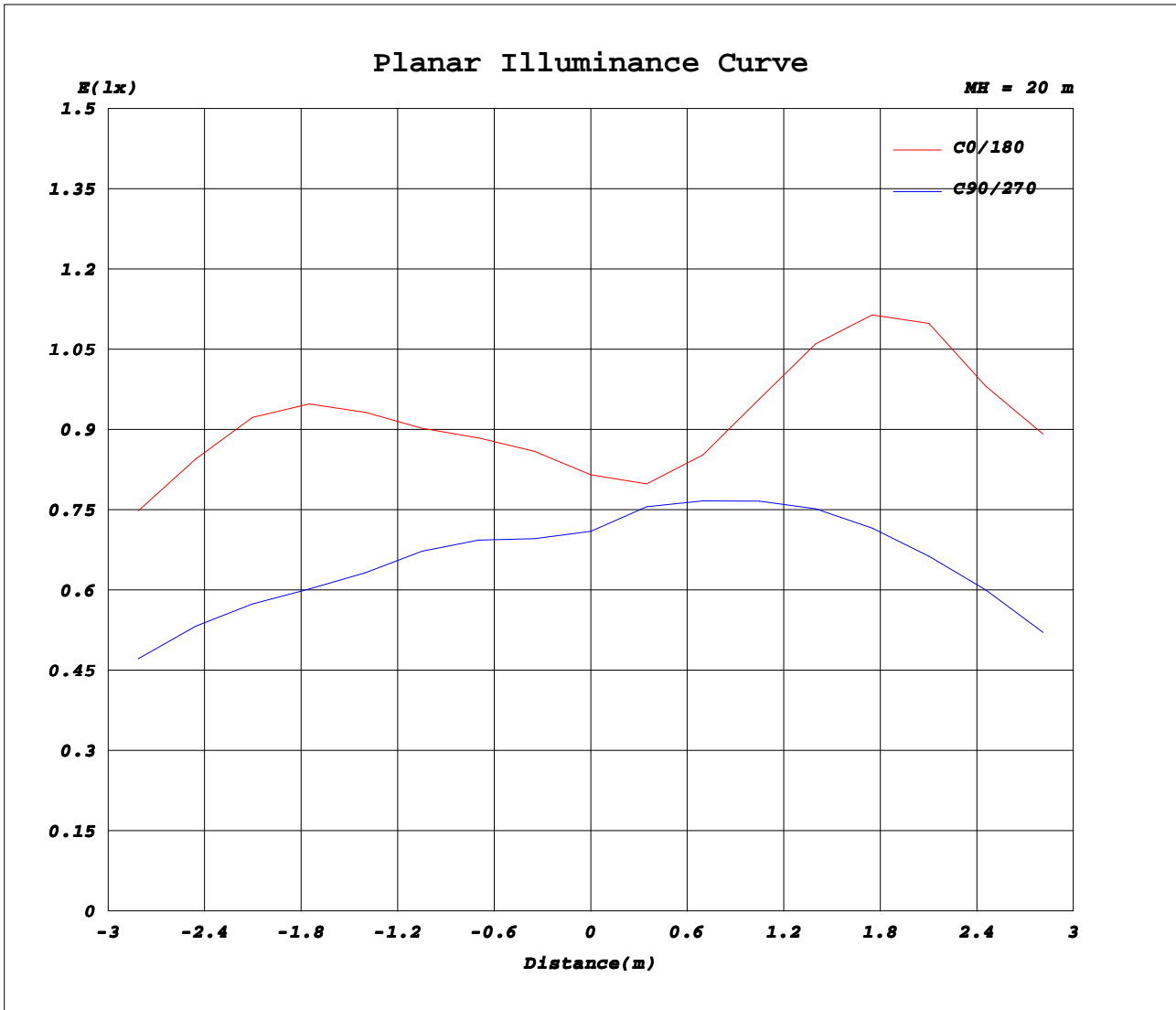
Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-11-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-11-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:24.000V I:0.3120A P:7.5000W PF:1.0000 Freq:0Hz		
Lamp Flux:105.33x1 lm		
NAME: UL316-ORION	TYPE: LED	
MFR.: UNMEI LEDS		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	302	302	302	302	302	302	302	302	302	302	302	302							
5	355	410	365	259	230	327	418	501	396	308	235	229							
10	243	281	198	151	147	160	238	363	341	160	163	122							
15	81.5	130	97.1	89.3	81.8	90.2	104	191	180	75.9	99.8	68.4							
20	47.3	60.5	58.7	54.0	50.1	52.2	63.7	79.8	60.5	51.8	52.5	46.2							
25	35.4	43.0	38.4	39.3	39.3	40.7	47.2	44.6	44.7	41.6	41.2	36.5							
30	28.2	28.7	25.0	28.5	34.4	33.3	37.6	33.2	36.2	34.7	31.0	26.7							
35	14.1	13.6	13.2	13.1	14.8	19.0	24.8	23.4	24.6	22.3	16.6	14.2							
40	8.13	8.63	8.23	9.68	10.4	10.5	11.9	10.3	11.8	14.0	12.0	10.1							
45	6.63	7.04	7.27	6.67	7.26	7.12	7.11	7.36	7.93	9.00	9.12	7.38							
50	5.74	5.45	5.23	5.24	4.64	4.84	6.33	6.73	7.00	6.99	5.75	5.17							
55	4.07	3.84	3.58	3.54	3.39	3.46	4.56	4.82	5.26	4.98	4.23	3.48							
60	2.47	2.50	2.55	2.51	2.40	2.55	3.54	3.43	3.35	3.34	2.95	2.43							
65	1.60	1.57	1.57	1.71	1.64	1.72	2.22	2.18	2.34	2.18	1.87	1.54							
70	0.82	0.78	0.78	0.91	0.92	1.06	1.35	1.35	1.45	1.29	1.04	0.81							
75	0.33	0.32	0.35	0.41	0.42	0.50	0.72	0.72	0.79	0.67	0.52	0.45							
80	0.22	0.21	0.23	0.26	0.26	0.26	0.46	0.47	0.48	0.50	0.42	0.35							
85	0.13	0.13	0.14	0.14	0.16	0.16	0.34	0.34	0.35	0.34	0.30	0.27							
90	0.12	0.12	0.12	0.12	0.12	0.11	0.26	0.26	0.27	0.27	0.26	0.24							
95	0.15	0.15	0.14	0.15	0.14	0.13	0.26	0.26	0.27	0.27	0.27	0.25							
100	0.21	0.23	0.19	0.19	0.17	0.16	0.27	0.27	0.28	0.28	0.27	0.26							
105	0.33	0.31	0.27	0.26	0.23	0.25	0.29	0.28	0.30	0.29	0.29	0.27							
110	0.42	0.38	0.36	0.35	0.36	0.36	0.31	0.31	0.32	0.32	0.32	0.31							
115	0.41	0.43	0.43	0.49	0.48	0.42	0.36	0.36	0.37	0.37	0.37	0.36							
120	0.45	0.47	0.51	0.54	0.49	0.42	0.42	0.41	0.43	0.44	0.45	0.44							
125	0.47	0.51	0.53	0.51	0.47	0.44	0.47	0.46	0.48	0.51	0.53	0.49							
130	0.54	0.58	0.59	0.56	0.49	0.48	0.54	0.53	0.56	0.56	0.55	0.53							
135	0.66	0.71	0.70	0.68	0.62	0.57	0.62	0.62	0.64	0.65	0.61	0.61							
140	0.83	0.87	0.85	0.85	0.79	0.73	0.71	0.71	0.74	0.75	0.73	0.74							
145	1.01	1.03	1.03	1.04	0.98	0.92	0.85	0.84	0.88	0.90	0.90	0.89							
150	1.12	1.18	1.17	1.21	1.15	1.06	1.00	0.98	1.04	1.06	1.05	1.01							
155	1.25	1.33	1.34	1.35	1.25	1.17	1.13	1.11	1.17	1.19	1.17	1.12							
160	1.34	1.44	1.46	1.46	1.37	1.28	1.26	1.23	1.29	1.29	1.26	1.22							
165	1.41	1.49	1.54	1.59	1.49	1.40	1.38	1.33	1.38	1.40	1.37	1.33							
170	1.38	1.43	1.53	1.64	1.57	1.46	1.41	1.34	1.40	1.45	1.46	1.38							
175	1.27	1.38	1.46	1.59	1.53	1.38	1.38	1.32	1.39	1.42	1.40	1.30							
180	1.33	1.42	1.45	1.47	1.38	1.32	1.39	1.38	1.46	1.45	1.38	1.31							

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