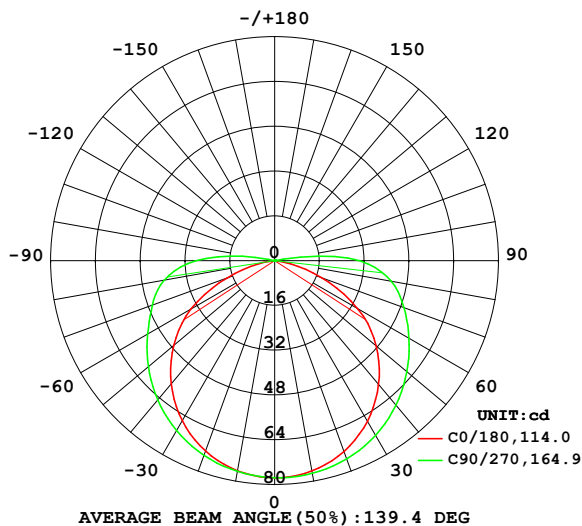


LUMINAIRE PHOTOMETRIC TEST REPORT

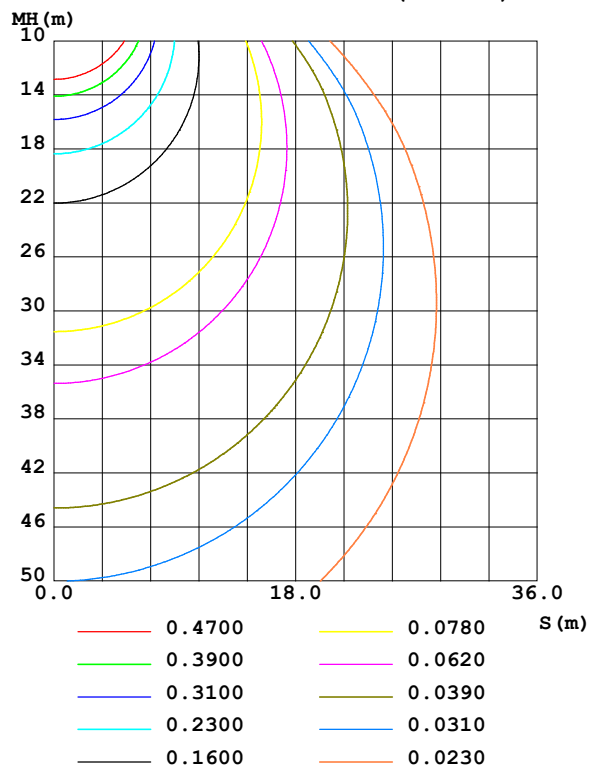
NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 107.76 lm/W
MODEL	G	Imax (cd)	77.61	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	3.2	LOR(%)	100.0	S/MH(C90/270)	1.35	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	301.53	η UP,DN(C0-180)	1.8,49.0	
NOMINAL FLUX(lm)	0.358969	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,47.3	
LAMPS INSIDE	840	η up (%)	3.6	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down (%)	96.4	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-08-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [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	76.31	76.79	77.14	76.73	76.25	76.25	76.43	76.30	0- 10	7.354	7.354	2.44,2.44
20	72.51	74.08	75.34	73.95	72.36	73.01	73.99	73.14	10- 20	21.27	28.62	9.49,9.49
30	66.29	69.54	72.07	69.32	66.03	67.95	70.11	68.17	20- 30	32.91	61.53	20.4,20.4
40	57.78	63.33	67.41	63.03	57.53	61.21	65.01	61.53	30- 40	41.07	102.6	34,34
50	47.33	55.79	61.68	55.41	47.05	53.29	58.92	53.71	40- 50	45.00	147.6	48.9,48.9
60	34.11	47.46	55.41	47.05	34.45	44.64	52.42	45.13	50- 60	44.57	192.2	63.7,63.7
70	17.76	39.28	49.19	38.89	18.09	36.38	46.48	36.95	60- 70	40.19	232.4	77.1,77.1
80	3.458	31.53	42.30	31.34	3.876	29.72	40.01	30.27	70- 80	33.50	265.9	88.2,88.2
90	0.0447	19.78	30.31	19.09	0.0525	18.50	28.07	18.55	80- 90	24.71	290.6	96.4,96.4
100	0.0473	0.1617	3.340	0.1673	0.0709	0.2696	6.969	0.2409	90-100	9.759	300.3	99.6,99.6
110	0.0656	0.1411	0.1837	0.1330	0.0945	0.1339	0.1548	0.1313	100-110	0.4662	300.8	99.8,99.8
120	0.0919	0.1402	0.1708	0.1350	0.1260	0.1523	0.1653	0.1497	110-120	0.1901	301.0	99.8,99.8
130	0.1234	0.1393	0.1716	0.1417	0.1497	0.1680	0.1758	0.1654	120-130	0.1395	301.1	99.9,99.9
140	0.1522	0.1549	0.1724	0.1575	0.1760	0.1864	0.1837	0.1822	130-140	0.1246	301.2	99.9,99.9
150	0.1759	0.1759	0.1732	0.1785	0.1996	0.2048	0.2021	0.1996	140-150	0.1127	301.4	99.9,99.9
160	0.1917	0.1916	0.1942	0.1969	0.2186	0.2205	0.2162	0.2179	150-160	0.0915	301.5	100,100
170	0.2127	0.2126	0.2099	0.2152	0.2219	0.2224	0.2211	0.2217	160-170	0.0600	301.5	100,100
180	0.2232	0.2231	0.2204	0.2205	0.2206	0.2231	0.2231	0.2232	170-180	0.0210	301.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 129.41 lm

%lum = 42.9%

%lamp = 42.9%

Conical surface Flux(130deg): 217 lm

%lum = 72.0%

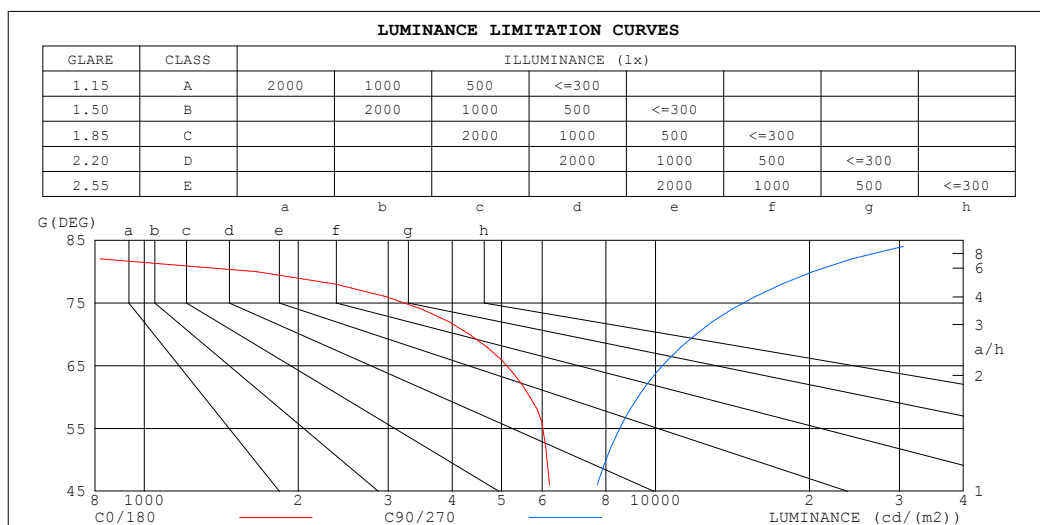
%lamp = 72.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-08-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:6.040m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	73	36620
80	1659	20307
75	3715	15037
70	4326	11988
65	5440	10434
60	5683	9238
55	6195	8602
50	6134	7999
45	6342	7688

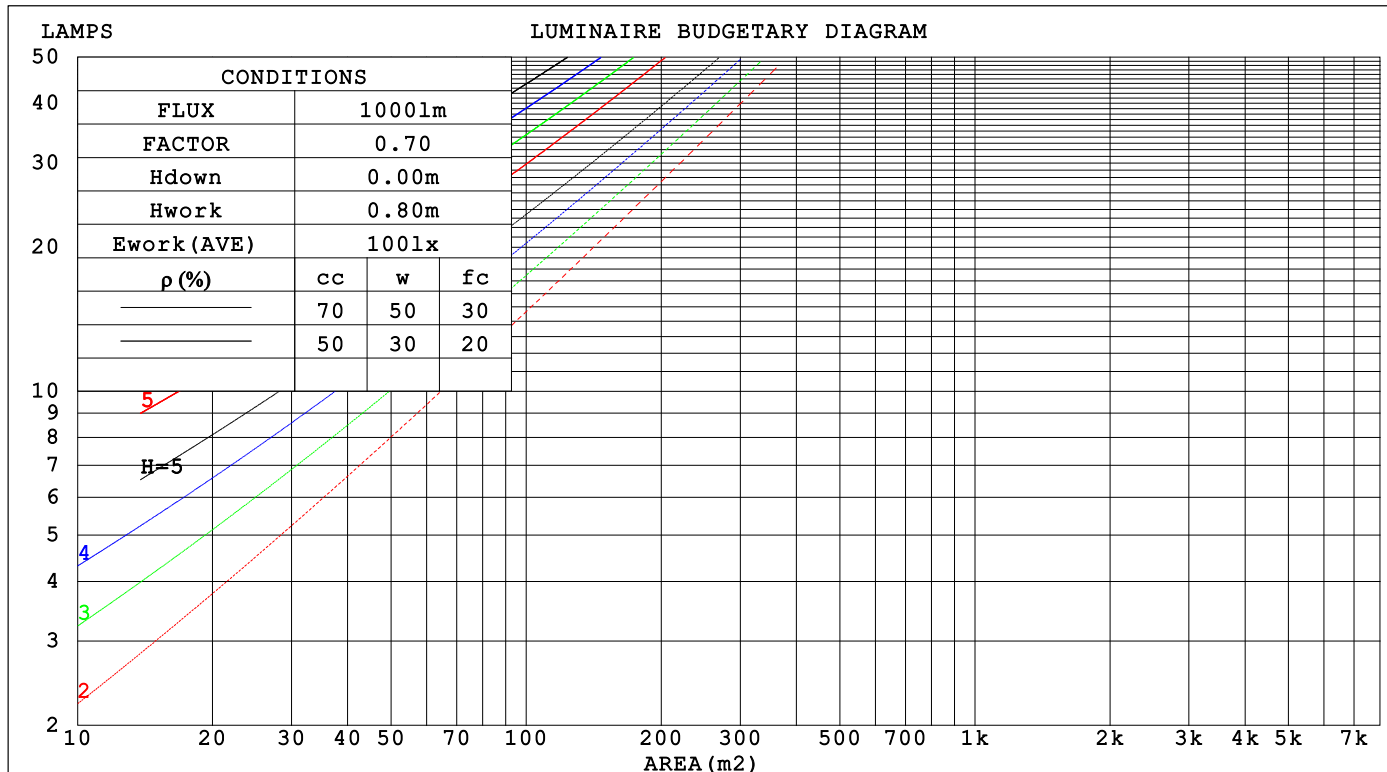
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.04	1.04	1.04	.99	.99	.99	.96
1.0	.98	.93	.88	.96	.90	.86	.90	.86	.82	.86	.82	.79	.81	.79	.76	.74
2.0	.84	.76	.69	.82	.74	.68	.77	.71	.65	.73	.68	.63	.70	.65	.61	.59
3.0	.73	.63	.56	.71	.62	.55	.67	.60	.53	.64	.57	.52	.61	.55	.51	.48
4.0	.64	.54	.46	.62	.53	.46	.59	.51	.45	.56	.49	.44	.53	.48	.43	.40
5.0	.57	.47	.39	.55	.46	.39	.53	.44	.38	.50	.43	.37	.48	.42	.37	.34
6.0	.51	.41	.34	.49	.40	.34	.47	.39	.33	.45	.38	.32	.43	.37	.32	.30
7.0	.46	.36	.30	.45	.36	.30	.43	.35	.29	.41	.34	.29	.39	.33	.28	.26
8.0	.42	.33	.26	.41	.32	.26	.39	.31	.26	.37	.31	.25	.36	.30	.25	.23
9.0	.38	.29	.24	.37	.29	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.21
10.0	.35	.27	.21	.34	.26	.21	.33	.26	.21	.32	.25	.21	.31	.25	.20	.18



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

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						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.401	.228	.072	.393	.224	.071	.377	.216	.069	.363	.209	.067	.349	.202	.065		
2.0	.347	.190	.058	.340	.187	.058	.325	.181	.056	.312	.175	.055	.300	.170	.054		
3.0	.308	.164	.049	.301	.161	.049	.288	.156	.048	.277	.152	.047	.266	.147	.046		
4.0	.276	.144	.042	.270	.142	.042	.259	.137	.041	.249	.134	.040	.239	.130	.040		
5.0	.251	.128	.037	.246	.126	.037	.235	.123	.036	.226	.119	.035	.217	.116	.035		
6.0	.229	.115	.033	.225	.114	.033	.216	.111	.032	.207	.108	.032	.199	.105	.031		
7.0	.211	.104	.030	.207	.103	.029	.199	.101	.029	.191	.098	.029	.184	.096	.028		
8.0	.196	.096	.027	.192	.095	.027	.185	.092	.026	.178	.090	.026	.171	.088	.026		
9.0	.182	.088	.025	.179	.087	.024	.172	.085	.024	.166	.083	.024	.160	.081	.024		
10.0	.170	.082	.023	.167	.081	.023	.161	.079	.022	.156	.077	.022	.150	.076	.022		

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						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023		
1.0	.215	.183	.155	.184	.157	.133	.126	.108	.092	.072	.063	.054	.023	.020	.017		
2.0	.208	.160	.119	.178	.138	.103	.122	.095	.072	.070	.055	.042	.023	.018	.014		
3.0	.200	.143	.097	.171	.123	.084	.118	.086	.059	.068	.050	.035	.022	.016	.011		
4.0	.192	.130	.083	.165	.112	.072	.113	.078	.051	.066	.046	.030	.021	.015	.010		
5.0	.184	.120	.073	.158	.104	.063	.109	.072	.045	.063	.043	.026	.020	.014	.009		
6.0	.176	.112	.065	.151	.097	.057	.104	.068	.040	.061	.040	.024	.020	.013	.008		
7.0	.169	.105	.060	.145	.091	.052	.100	.064	.037	.058	.038	.022	.019	.012	.007		
8.0	.162	.099	.056	.139	.086	.049	.096	.060	.035	.056	.036	.021	.018	.012	.007		
9.0	.155	.094	.053	.134	.082	.046	.093	.057	.033	.054	.034	.020	.017	.011	.006		
10.0	.149	.090	.050	.129	.078	.044	.089	.055	.031	.052	.032	.019	.017	.011	.006		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: LY840-CSPRGBTW-W24-16W-12MM					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.:					SUR.: 0.012*1					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					22.8	24.4	23.1	24.7	25.0	24.7	26.3	25.0	26.6	26.8
3H					24.2	25.7	24.6	26.1	26.4	27.4	28.9	27.8	29.2	29.5
4H					24.7	26.2	25.1	26.5	26.8	28.9	30.4	29.3	30.7	31.0
6H					25.0	26.3	25.4	26.7	27.0	30.6	32.0	31.0	32.3	32.7
8H					25.0	26.3	25.4	26.6	27.0	31.5	32.8	31.9	33.2	33.6
12H					24.9	26.2	25.4	26.6	27.0	32.5	33.8	32.9	34.1	34.5
4H 2H					24.0	25.4	24.4	25.7	26.1	25.3	26.7	25.7	27.1	27.4
3H					25.8	27.0	26.2	27.4	27.8	28.3	29.6	28.7	29.9	30.3
4H					26.5	27.7	27.0	28.1	28.5	30.0	31.2	30.5	31.6	32.0
6H					27.0	28.1	27.5	28.5	29.0	31.9	33.0	32.4	33.4	33.9
8H					27.2	28.2	27.6	28.6	29.1	33.0	34.0	33.4	34.4	34.9
12H					27.2	28.1	27.7	28.6	29.1	34.1	35.0	34.6	35.5	36.0
8H 4H					27.7	28.7	28.2	29.1	29.6	30.4	31.4	30.9	31.9	32.4
6H					28.7	29.5	29.2	30.0	30.5	32.7	33.5	33.2	34.0	34.5
8H					29.1	29.9	29.6	30.4	30.9	33.9	34.7	34.4	35.2	35.7
12H					29.4	30.1	30.0	30.6	31.2	35.3	36.0	35.8	36.5	37.0
12H 4H					28.1	29.0	28.6	29.5	29.9	30.5	31.4	31.0	31.9	32.4
6H					29.3	30.1	29.9	30.6	31.1	32.8	33.6	33.3	34.1	34.6
8H					30.0	30.6	30.5	31.1	31.7	34.2	34.8	34.7	35.3	35.9
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H					+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 301.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.2)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

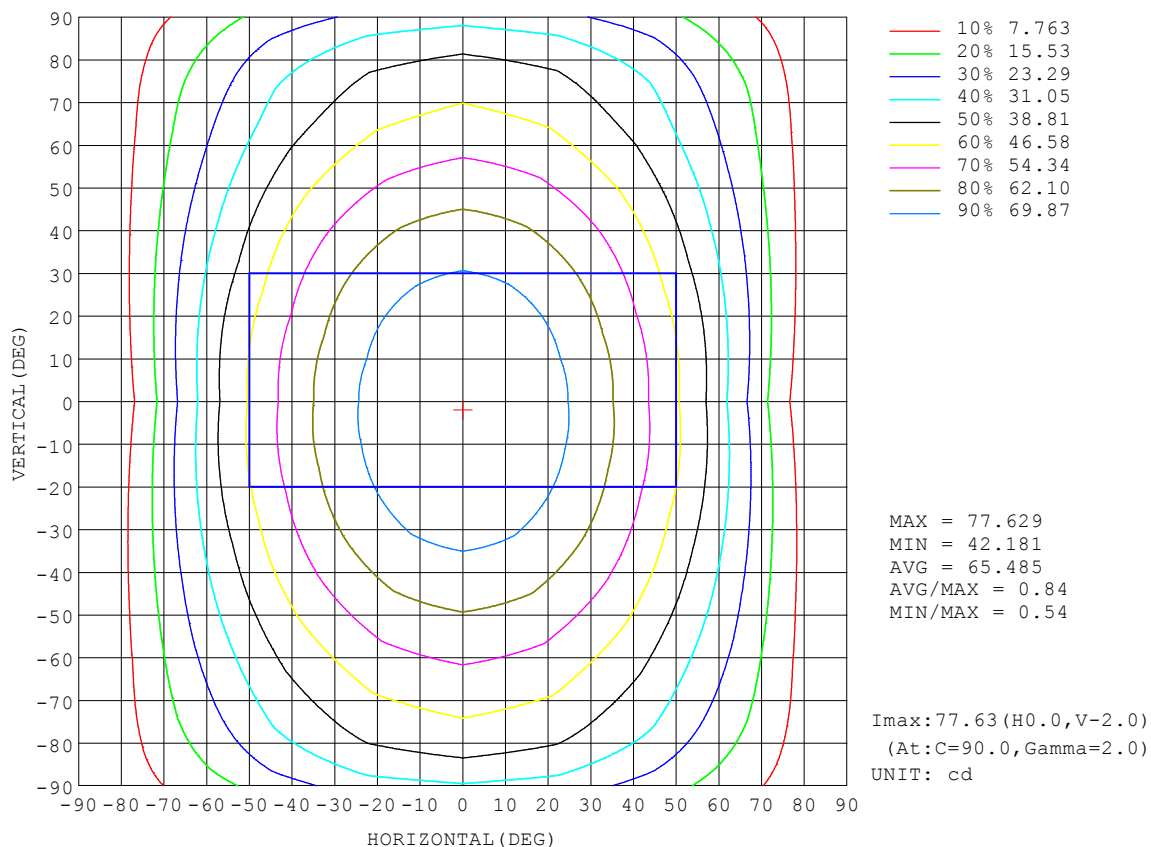
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	39	32	51	39	32	49	38	31	25
0.80	61	48	40	60	48	40	58	47	39	32
1.00	69	56	48	67	55	48	65	57	47	39
1.25	76	63	55	74	63	55	71	61	54	45
1.50	81	69	61	79	68	60	75	66	59	50
2.00	88	77	69	86	76	69	82	74	67	58
2.50	92	83	75	90	81	74	86	78	72	62
3.00	96	87	80	94	85	79	89	82	76	66
4.00	101	93	87	98	91	85	93	87	82	72
5.00	104	97	91	101	95	90	96	91	86	76
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: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

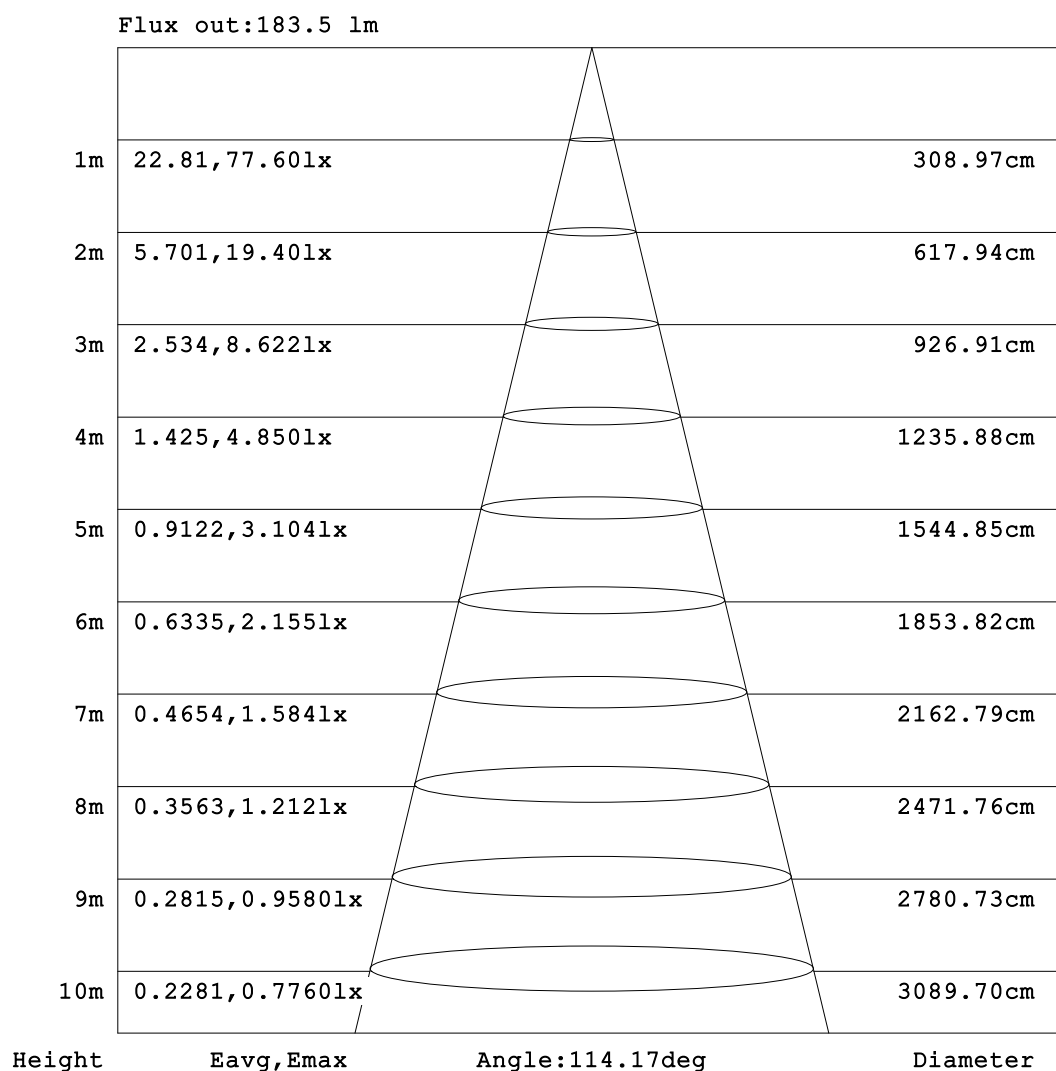


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

AAI Figure

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



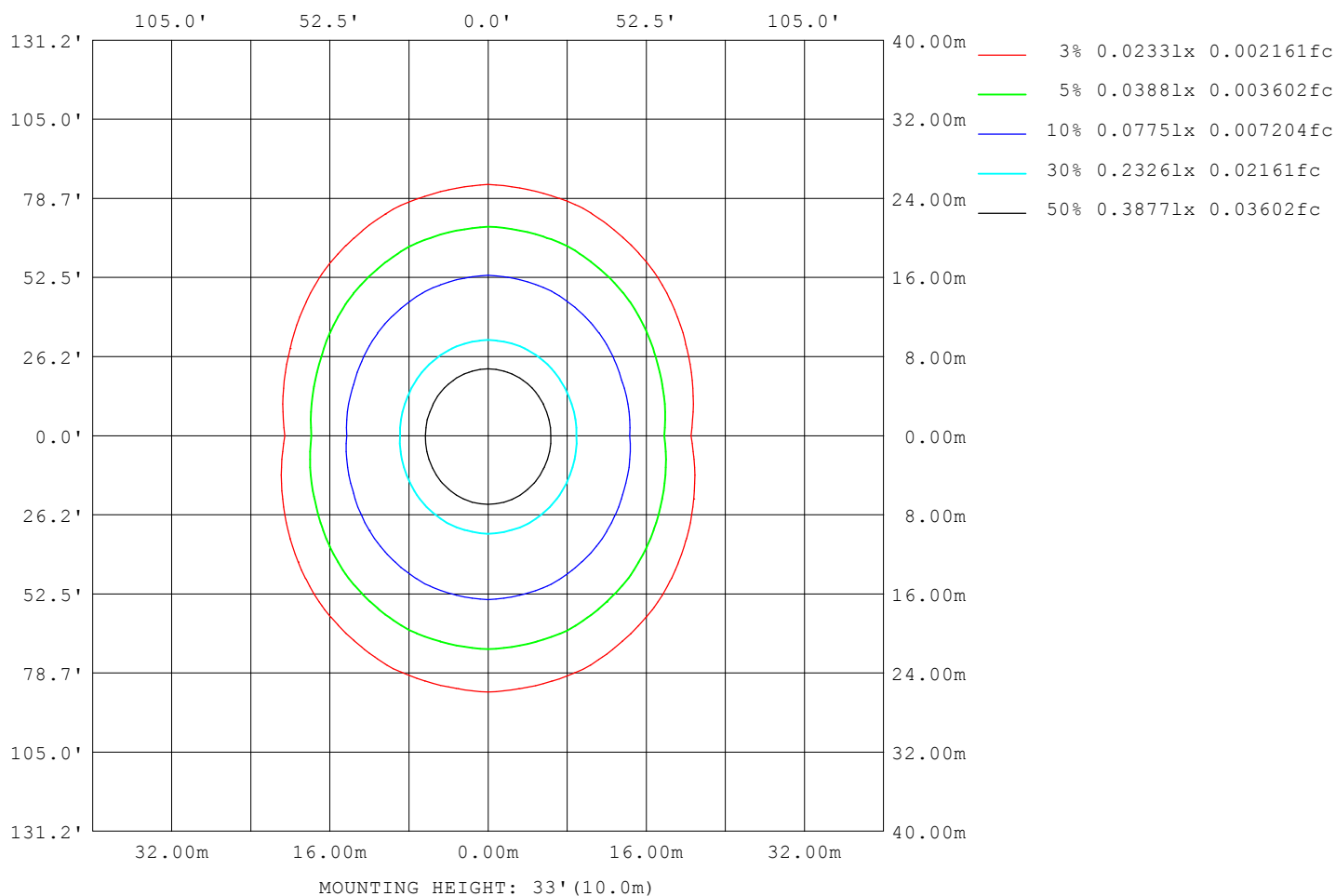
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

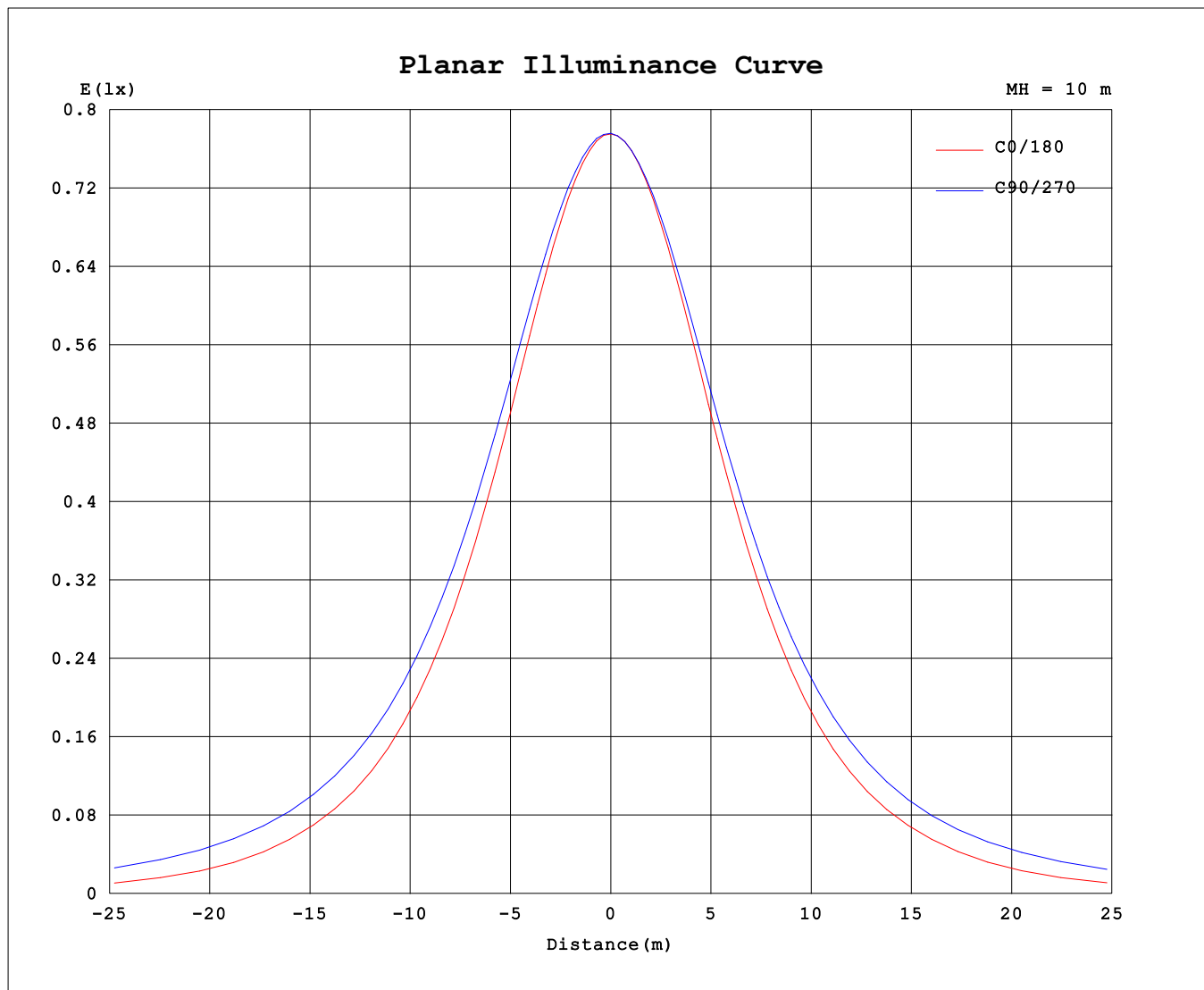
AvgL	cd/m2
L_0~180 (65) av	5145
L_0~180 (75) av	3289
L_0~180 (85) av	0
L_90~270 (65) av	10012
L_90~270 (75) av	14445
L_90~270 (85) av	34459
L_45 (65) av	8252
L_45 (75) av	11040
L_45 (85) av	24601

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-08-18

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LY840-CSPRGBTW-W24-16W-12MM	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

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	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6			
5	77.4	77.4	77.5	77.5	77.6	77.5	77.5	77.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3			
10	76.3	76.5	76.8	77.0	77.1	77.0	76.7	76.5	76.2	76.1	76.2	76.3	76.4	76.3	76.3	76.2			
15	75.1	75.4	75.9	76.4	76.6	76.4	75.8	75.3	75.0	74.9	75.2	75.4	75.6	75.5	75.3	75.0			
20	72.5	73.1	74.1	75.0	75.3	75.0	74.0	72.9	72.4	72.3	73.0	73.6	74.0	73.7	73.1	72.5			
25	70.3	71.1	72.5	73.8	74.2	73.7	72.3	70.9	70.1	70.2	71.2	72.1	72.6	72.2	71.4	70.4			
30	66.3	67.5	69.5	71.4	72.1	71.3	69.3	67.2	66.0	66.3	68.0	69.4	70.1	69.5	68.2	66.6			
35	63.1	64.6	67.2	69.6	70.4	69.4	67.0	64.3	62.9	63.3	65.4	67.3	68.2	67.4	65.7	63.7			
40	57.8	59.8	63.3	66.4	67.4	66.2	63.0	59.5	57.5	58.3	61.2	63.8	65.0	64.0	61.5	58.7			
45	53.8	56.3	60.4	64.1	65.2	63.8	60.1	55.9	53.5	54.6	58.2	61.2	62.7	61.5	58.5	55.0			
50	47.3	50.5	55.8	60.2	61.7	59.9	55.4	50.1	47.1	48.7	53.3	57.2	58.9	57.5	53.7	49.1			
55	42.7	46.4	52.5	57.6	59.2	57.2	52.1	46.0	42.4	44.5	49.9	54.3	56.3	54.7	50.3	44.9			
60	34.1	39.9	47.5	53.5	55.4	53.1	47.0	39.6	34.4	37.9	44.6	50.1	52.4	50.5	45.1	38.3			
65	27.6	35.5	44.1	50.8	52.9	50.4	43.7	35.2	27.9	33.4	41.2	47.3	49.9	47.7	41.7	33.9			
70	17.8	28.9	39.3	46.8	49.2	46.5	38.9	28.7	18.1	26.8	36.4	43.6	46.5	44.0	36.9	27.3			
75	11.5	24.7	36.2	44.1	46.7	43.9	35.9	24.5	11.8	22.6	33.6	41.4	44.3	41.8	34.2	23.1			
80	3.46	19.0	31.5	39.8	42.3	39.6	31.3	18.8	3.88	17.3	29.7	37.2	40.0	37.5	30.3	18.0			
85	0.08	15.5	27.6	35.7	38.3	35.6	27.5	15.4	0.13	14.5	26.0	33.3	36.1	33.4	26.4	15.1			
90	0.04	8.91	19.8	27.8	30.3	27.9	19.1	8.78	0.05	8.07	18.5	25.4	28.1	25.3	18.5	8.18			
95	0.05	0.61	10.9	19.0	21.5	19.6	11.5	1.56	0.06	1.87	11.5	17.8	20.3	17.6	11.2	1.45			
100	0.05	0.09	0.16	1.42	3.34	2.06	0.17	0.08	0.07	0.09	0.27	4.53	6.97	4.12	0.24	0.09			
105	0.05	0.09	0.14	1.24	0.21	1.63	0.13	0.09	0.08	0.09	0.13	0.15	0.28	0.16	0.12	0.09			
110	0.07	0.11	0.14	0.97	0.18	1.00	0.13	0.10	0.09	0.09	0.13	0.15	0.15	0.15	0.13	0.09			
115	0.08	0.12	0.14	0.79	0.18	0.58	0.13	0.12	0.11	0.09	0.14	0.15	0.16	0.15	0.14	0.10			
120	0.09	0.13	0.14	0.52	0.17	0.16	0.13	0.13	0.13	0.11	0.15	0.15	0.17	0.15	0.15	0.11			
125	0.11	0.14	0.14	0.34	0.17	0.17	0.14	0.14	0.14	0.12	0.16	0.15	0.17	0.15	0.15	0.12			
130	0.12	0.15	0.14	0.17	0.17	0.17	0.14	0.15	0.15	0.13	0.17	0.15	0.18	0.15	0.17	0.13			
135	0.14	0.16	0.14	0.17	0.17	0.18	0.15	0.17	0.16	0.14	0.18	0.16	0.18	0.15	0.17	0.14			
140	0.15	0.18	0.15	0.18	0.17	0.18	0.16	0.18	0.18	0.15	0.19	0.17	0.18	0.16	0.18	0.15			
145	0.16	0.18	0.16	0.19	0.17	0.19	0.17	0.19	0.19	0.16	0.19	0.17	0.19	0.16	0.19	0.16			
150	0.18	0.20	0.18	0.20	0.17	0.20	0.18	0.20	0.20	0.18	0.20	0.18	0.20	0.17	0.20	0.17			
155	0.18	0.20	0.18	0.20	0.18	0.21	0.19	0.21	0.21	0.18	0.21	0.19	0.21	0.18	0.21	0.18			
160	0.19	0.22	0.19	0.22	0.19	0.21	0.20	0.22	0.22	0.19	0.22	0.20	0.22	0.19	0.22	0.19			
165	0.20	0.22	0.20	0.22	0.20	0.22	0.20	0.23	0.22	0.20	0.22	0.20	0.22	0.20	0.22	0.20			
170	0.21	0.22	0.21	0.22	0.21	0.22	0.22	0.24	0.22	0.21	0.22	0.21	0.22	0.21	0.22	0.21			
175	0.22	0.22	0.21	0.22	0.22	0.22	0.22	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22			
180	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22			

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