

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

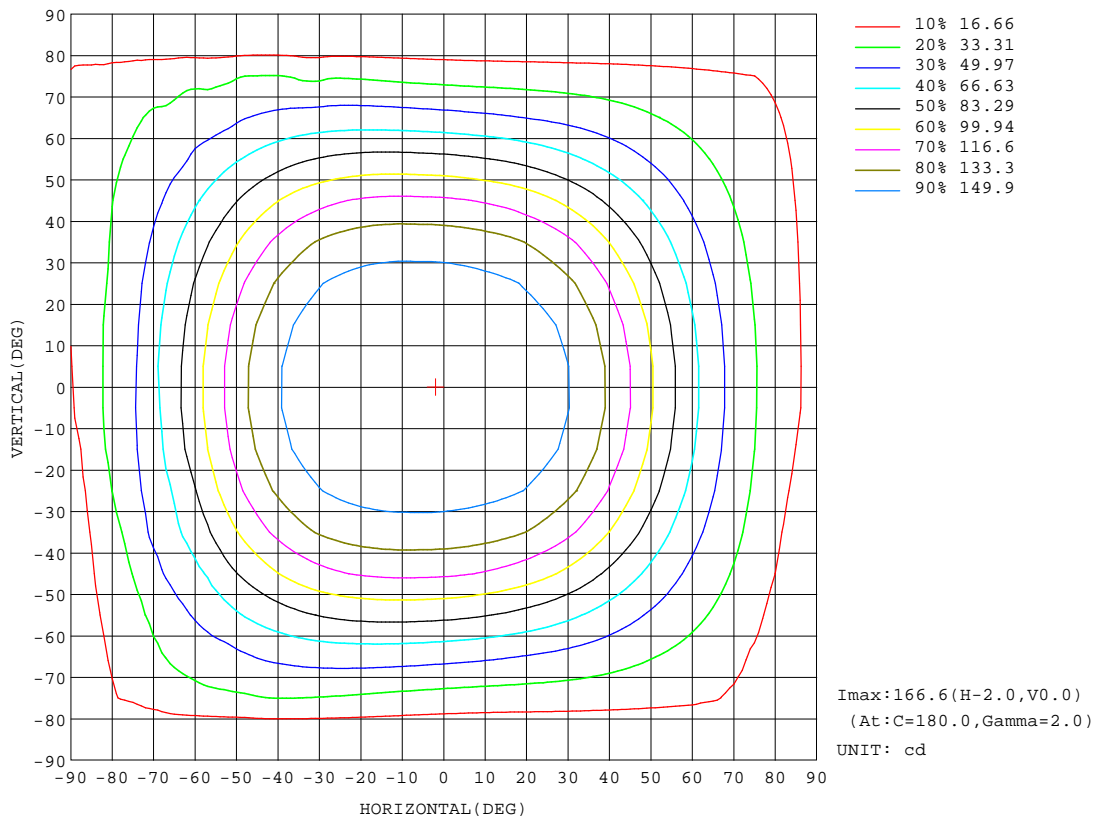
Maximum Intensity (Luminaire orientation as tested.)		318.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	159.0V x 175.8H 112.5V x 119.8H 63.1V x 70.6H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	997.1 lumens per klm. 990.1 lumens per klm. 762.0 lumens per klm. 323.5 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity:61%
Test Distance:8.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:522.58lx1 lm		
NAME: LLS-COVE1-W40-15W-24V-001 3535灯珠	TYPE:LLS	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:201909090
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

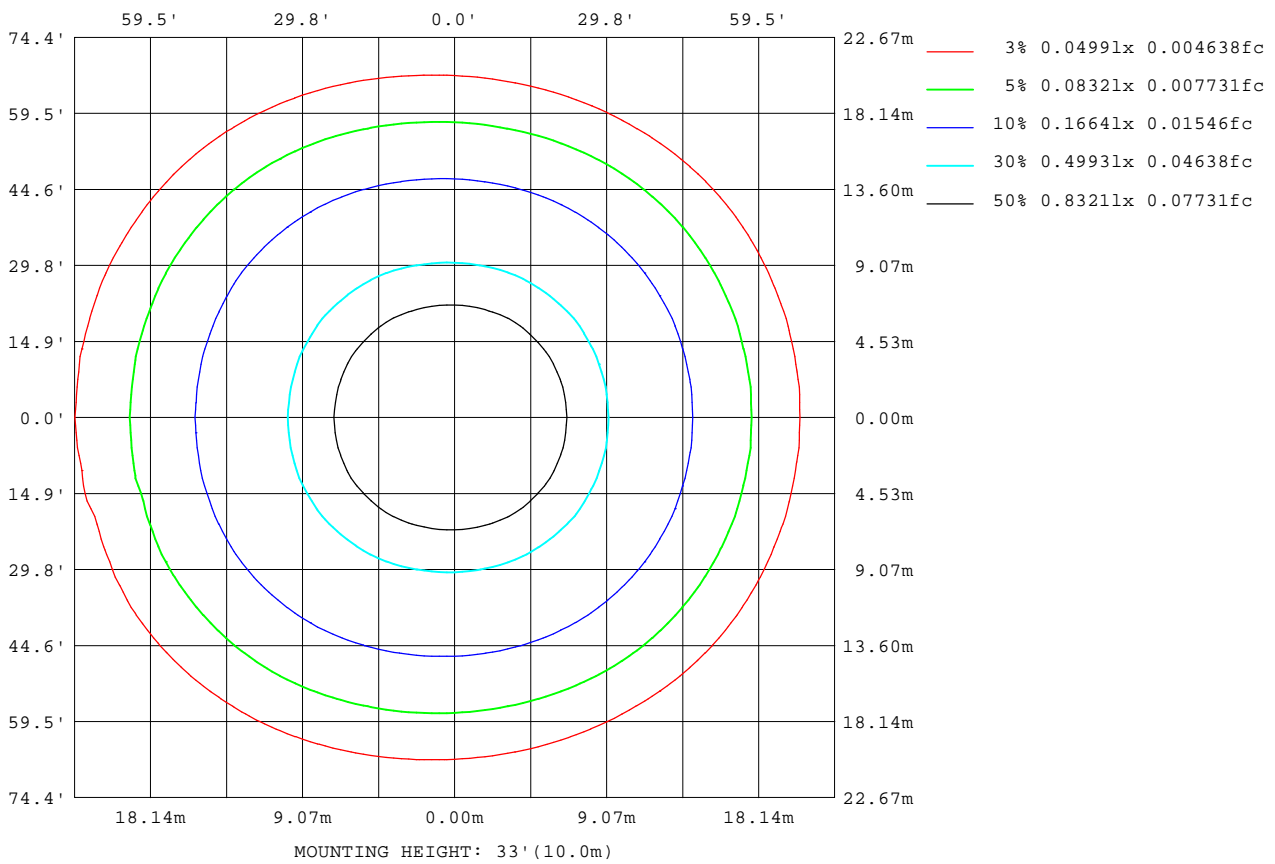


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:QC1
 Test Date:2019-09-14

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
 Humidity:61%
 Test Distance:8.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:522.58lx1 lm		
NAME: LLS-COVE1-W40-15W-24V-001 3535灯珠	TYPE:LLS	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:201909090
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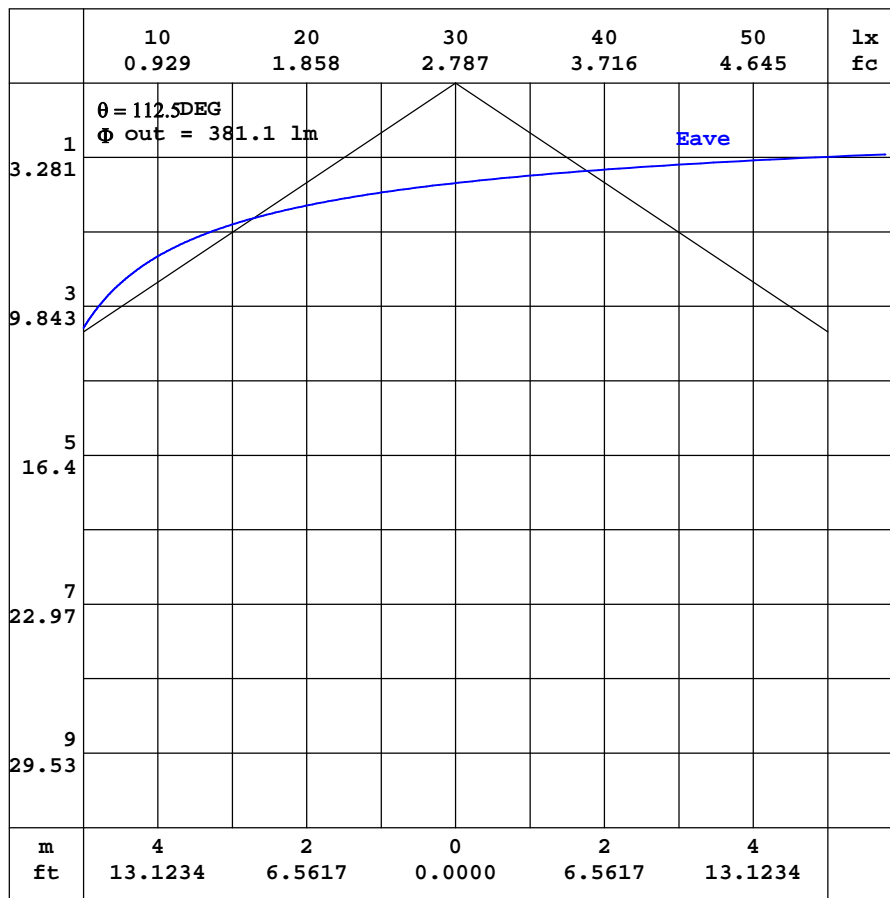


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QC1
Test Date:2019-09-14

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity:61%
Test Distance:8.200m [K=1.0000]
Remarks:

AAI CURVES

Test:U:24.00V I:0.6484A P:15.56W PF:1.000 Lamp Flux:522.58lx1 lm		
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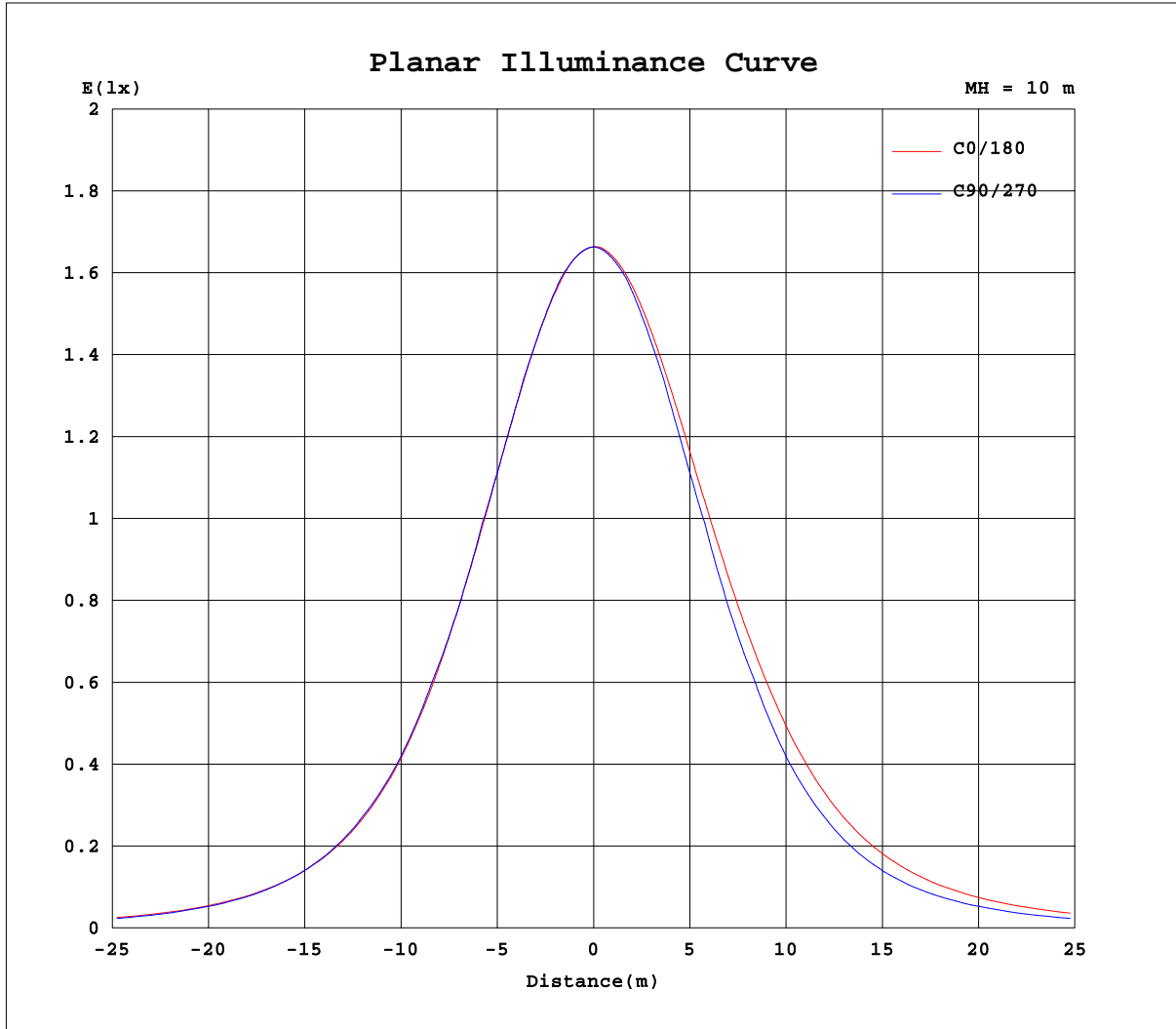


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 30DEG
Operators: QC1
Test Date: 2019-09-14

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.275
Humidity: 61%
Test Distance: 8.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
 Temperature:30DEG
 Operators:QC1
 Test Date:2019-09-14

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.275
 Humidity:61%
 Test Distance:8.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	13.7	14.4	13.9	16.9	20.3	23.6	24.3	24.7	24.6	24.3	24.6	23.6	22.4	20.9	19.5	17.9	16.6	15.5	14.6
-75	13.7	14.6	15.4	18.7	22.9	27.3	29.0	30.2	31.1	32.6	33.5	33.3	32.8	32.0	31.1	30.0	28.9	27.9	27.0
-70	13.6	14.9	16.9	20.5	25.6	31.0	33.7	35.8	37.7	40.9	42.4	43.1	43.2	43.1	42.7	42.0	41.2	40.3	39.4
-65	13.6	14.6	18.1	23.2	29.7	35.4	39.2	43.5	46.7	50.7	53.2	55.1	56.4	57.1	57.3	57.1	56.6	55.9	54.9
-60	13.5	14.3	19.3	26.0	33.9	39.9	44.7	51.3	55.8	60.5	64.0	67.2	69.6	71.1	71.8	72.2	72.0	71.4	70.4
-55	13.0	14.4	20.4	28.0	37.2	44.9	51.6	57.8	64.8	70.8	75.9	80.4	83.9	86.4	87.8	88.6	88.7	88.2	87.3
-50	12.5	14.5	21.4	29.9	40.5	50.0	58.4	64.2	73.9	81.0	87.8	93.6	98.3	102	104	105	105	105	104
-45	12.2	15.3	23.8	33.8	45.4	54.0	63.4	72.5	82.9	91.6	99.6	106	112	115	118	119	120	120	119
-40	11.8	16.0	26.2	37.6	50.4	58.0	68.3	80.9	91.8	102	111	119	125	129	132	134	134	134	134
-35	10.6	17.3	27.8	41.1	52.8	62.0	72.4	87.1	99.3	111	120	129	135	139	141	143	143	143	143
-30	9.41	18.5	29.5	44.7	55.1	65.9	76.6	93.3	107	119	130	138	144	148	151	152	152	153	152
-25	9.41	20.3	33.4	45.5	56.2	68.7	82.5	98.3	113	125	136	144	149	153	155	157	157	157	157
-20	9.42	22.1	37.4	46.3	57.4	71.5	88.5	103	118	131	142	150	155	158	160	161	162	162	161
-15	9.43	25.4	37.8	47.2	59.3	74.5	90.6	106	121	134	145	152	157	160	162	163	164	164	164
-10	9.45	28.7	38.2	48.2	61.3	77.4	92.7	109	124	137	148	154	159	162	164	165	165	166	166
-5	9.47	29.0	38.1	48.3	62.6	78.3	93.8	110	125	139	149	155	160	163	165	165	166	166	166
0	9.49	29.3	38.0	48.5	64.0	79.2	94.8	111	127	140	150	156	161	163	165	166	166	166	166
5	14.3	29.1	37.3	47.7	63.4	78.3	93.7	110	125	138	148	155	160	163	165	165	166	166	166
10	19.1	28.8	36.5	47.0	62.9	77.4	92.6	109	124	137	147	154	159	162	164	165	166	166	165
15	19.2	28.3	36.1	46.4	61.8	75.8	90.5	106	121	134	144	152	157	160	162	163	164	164	164
20	19.3	27.8	35.7	45.7	60.8	74.3	88.4	103	118	131	141	149	154	158	160	161	162	162	162
25	19.3	27.3	35.5	44.4	58.3	71.1	84.2	98.0	112	125	135	143	149	153	155	157	157	157	157
30	19.4	26.7	35.4	43.1	55.9	67.9	80.1	92.9	106	118	129	138	144	148	151	152	153	153	152
35	19.5	26.2	34.9	42.1	52.6	64.3	75.4	86.9	98.8	110	120	128	134	139	142	143	144	143	143
40	19.5	25.7	34.3	41.0	49.3	60.6	70.7	81.0	91.5	102	111	119	125	130	132	134	135	134	134
45	19.6	25.2	33.1	39.5	45.2	56.0	64.9	73.8	82.7	91.6	99.6	106	112	116	118	119	120	119	119
50	19.6	24.6	31.8	38.0	41.1	51.3	59.0	66.6	74.0	81.1	88.0	93.7	98.3	102	104	105	105	105	104
55	19.7	24.1	30.5	35.8	39.5	45.2	53.0	59.4	65.3	71.0	76.2	80.6	84.1	86.5	87.9	88.6	88.5	87.9	87.1
60	19.8	23.7	29.3	33.6	37.9	39.0	47.0	52.2	56.7	60.8	64.4	67.6	69.8	71.3	72.1	72.2	71.8	71.1	70.3
65	19.9	23.1	27.3	31.3	34.9	36.5	40.9	43.0	47.5	51.2	53.7	55.6	56.8	57.4	57.6	57.3	56.6	55.9	55.0
70	19.9	22.5	25.3	28.9	31.9	34.0	34.9	33.8	38.4	41.7	42.9	43.5	43.7	43.5	43.1	42.4	41.5	40.6	39.7
75	19.9	22.7	24.6	26.5	27.8	29.0	29.9	29.8	32.3	33.6	33.8	31.3	30.2	32.0	31.3	30.3	29.3	28.3	27.6
80	19.9	22.9	23.9	24.0	23.8	24.0	24.8	25.8	26.2	25.6	24.7	19.0	16.8	20.5	19.6	18.3	17.0	16.1	15.5
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	14.2	13.9	14.0	14.4	14.9	15.3	15.7	16.0	16.2	16.4	16.4	16.2	14.0	11.9	9.75	9.68	9.94	9.36
-75	26.3	25.8	25.3	25.1	24.8	24.5	24.0	23.4	22.7	22.0	21.1	20.0	18.0	14.8	11.7	11.4	10.2	9.34
-70	38.5	37.6	36.6	35.7	34.7	33.6	32.3	30.9	29.3	27.5	25.7	23.8	21.9	17.8	13.6	13.1	10.5	9.31
-65	53.8	52.6	51.0	49.3	47.4	45.1	42.7	40.0	37.1	34.1	31.1	28.1	25.2	20.3	15.3	13.3	11.0	9.24
-60	69.2	67.5	65.5	62.9	60.0	56.7	53.1	49.1	44.9	40.7	36.5	32.4	28.5	22.8	17.0	13.6	11.5	9.17
-55	86.0	84.0	81.5	78.3	74.4	69.9	64.9	59.4	53.8	48.0	42.4	37.0	32.0	26.4	19.4	14.8	11.6	9.03
-50	103	100	97.4	93.6	88.9	83.2	76.6	69.7	62.6	55.4	48.4	41.7	35.5	29.9	21.9	16.0	11.7	8.89
-45	118	115	112	108	103	96.1	88.4	80.1	71.5	62.7	54.2	46.1	38.8	32.2	24.3	16.6	11.3	8.56
-40	133	130	127	123	117	109	100	90.4	80.3	70.1	60.0	50.6	42.1	34.5	26.7	17.2	11.0	8.22
-35	142	140	137	133	127	120	111	99.8	88.4	76.9	65.6	55.0	45.3	36.7	28.7	19.2	11.6	7.76
-30	151	150	147	144	138	131	121	109	96.5	83.8	71.2	59.4	48.5	38.9	30.7	21.2	12.3	7.30
-25	156	155	153	149	144	137	127	116	102	88.8	75.4	62.6	50.8	40.5	31.6	22.9	13.5	6.26
-20	161	160	158	155	150	143	134	122	108	93.8	79.5	65.8	53.1	42.0	32.6	24.6	14.7	5.23
-15	163	162	160	157	153	146	138	126	112	97.2	82.4	68.2	54.9	43.2	33.4	25.0	16.5	5.24
-10	165	164	162	160	156	150	141	130	116	101	85.4	70.7	56.7	44.4	34.2	25.5	18.2	5.26
-5	166	165	163	160	157	150	142	131	117	101	86.1	71.2	57.1	44.7	34.3	25.5	18.2	7.22
0	166	165	163	161	157	151	143	132	118	102	86.7	71.6	57.4	44.9	34.4	25.6	18.2	9.18
5	165	164	163	160	156	150	142	130	117	102	86.1	71.2	57.2	44.7	34.4	25.6	18.2	10.2
10	165	164	162	159	155	149	141	129	116	101	85.4	70.7	56.9	44.5	34.3	25.5	18.3	11.3
15	163	161	159	156	152	146	137	125	112	97.3	82.5	68.3	55.1	43.4	33.5	25.1	18.1	11.4
20	161	159	157	154	149	143	133	121	108	93.9	79.6	66.0	53.4	42.2	32.8	24.7	17.8	11.5
25	156	154	152	148	143	136	127	115	102	88.9	75.6	62.9	51.1	40.7	31.9	24.2	17.7	11.5
30	151	149	147	143	138	130	120	109	96.6	84.0	71.6	59.8	48.9	39.3	31.0	23.8	17.5	11.5
35	142	140	137	133	127	119	110	99.6	88.6	77.2	66.1	55.4	45.7	37.1	29.5	22.9	17.2	11.6
40	132	130	127	122	116	109	100	90.4	80.6	70.5	60.5	51.1	42.5	34.9	28.1	22.0	16.8	11.6
45	117	115	112	108	103	96.1	88.6	80.3	71.9	63.2	54.7	46.6	39.3	32.6	26.6	21.2	16.5	11.7
50	102	100	97.5	93.6	88.9	83.2	76.9	70.2	63.2	55.9	48.9	42.2	36.0	30.3	25.2	20.4	16.2	11.8
55	85.7	83.8	81.5	78.3	74.6	70.2	65.2	59.8	54.2	48.5	42.9	37.5	32.5	27.3	23.4	19.4	15.7	11.9
60	69.0	67.5	65.5	63.0	60.2	57.1	53.4	49.4	45.3	41.1	36.9	32.8	28.9	25.2	21.6	18.3	15.3	11.9
65	53.9	52.7	51.3	49.6	47.7	45.5	43.0	40.3	37.5	34.5	31.5	28.5	25.6	22.7	20.0	17.4	14.9	12.0
70	38.8	37.9	37.0	36.1	35.1	34.0	32.7	31.3	29.7	28.0	26.1	24.2	22.3	20.3	18.4	16.4	14.5	12.1
75	26.9	26.3	25.9	25.5	25.1	24.6	24.2	23.7	23.0	22.2	21.3	20.3	19.2	18.0	16.7	15.4	14.0	12.1
80	15.0	14.8	14.8	14.9	15.1	15.3	15.7	16.1	16.4	16.5	16.5	16.4	16.1	15.6	15.0	14.4	13.6	12.1
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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