

# IES ROAD REPORT



Laboratory results

Print date 12-06-2026

**PHOTOMETRIC FILENAME : JWLED fixture all four LEDs lit\_with lens**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] n/a serial: n/a  
[TESTLAB] Viso - Scaled  
[MANUFAC] JW LED Inc  
[ISSUEDATE] 6/12/2026  
[LUMINAIRE] JWLED fixture all four LEDs lit\_with lens  
[LUMCAT] N/A  
[\_SERIALNUMBER] n/a - n/a

## Measurement Conditions

Tested c-planes, qty	17
Tested gamma angles, qty	73

## Tested Light Source

Luminaire	JWLED fixture all four LEDs lit_with lens
Item No.	
Manufacturer	JW LED Inc

## Main Light Measurement Results

Luminaire lumens	27.47 klm
Downward Total Efficiency	97.1%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	147.7 lm/W
Total Luminaire Watts	186 W
Upward Waste Light Ratio	2.869%
Maximum Candela	12.53 kcd
Maximum Candela Angle	270H 3V
Maximum Candela (<90 Degrees Vertical)	277.7 cd
Maximum Candela Angle (<90 Degrees Vertical)	270H 90V
Maximum Candela At 90 Degrees Vertical	277.7 cd
Maximum Candela from 80 to <90 Degrees Vertical	999.5 cd
Correlated Color Temperature, CCT	5000 K
Color Rendering Index, CRI	85.0

## Distribution

IES Classification (type I,II,III,IV,V)	Type II
Longitudinal Classification (Short, Medium, Long)	Very Short
Cutoff Classification (deprecated)	Cutoff
BUG rating (IESNA TM-15-07)	B4 U4 G3

## IESNA TM-15-07 LUMINAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

### Forward Light

Low (0-30°)	4470	lm	16.3%
Medium (30-60°)	6430	lm	23.4%
High (60-80°)	2193	lm	8.0%
Very High (80-90°)	266	lm	1.0%

### Back Light

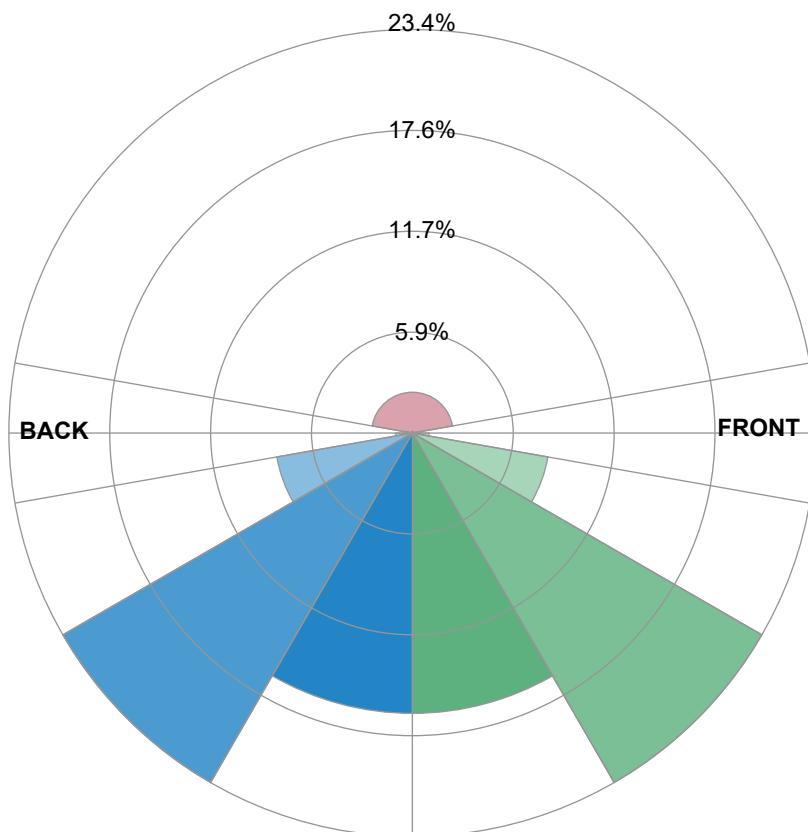
Low (0-30°)	4470	lm	16.3%
Medium (30-60°)	6430	lm	23.4%
High (60-80°)	2190	lm	8.0%
Very High (80-90°)	266	lm	1.0%

### Uplight

Low (90-100°)	138	lm	0.5%
High (100-180°)	650	lm	2.4%

Total			
<b>Sum</b>	<b>27470</b>	<b>lm</b>	<b>100,0%</b>

### BUG RATING B4 U4 G3



# IES ROAD REPORT



Laboratory results

Print date 12-06-2026

Gamma / C	0	10	20	30	40	50	60	70	80
180,0	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
177,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
175,0	174.2 cd	174.6 cd	175 cd	174.6 cd	174 cd	173.8 cd	173.9 cd	174 cd	174.3 cd
172,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
170,0	171.7 cd	172.2 cd	172.7 cd	172.9 cd	172.9 cd	173.3 cd	174 cd	174.5 cd	174.5 cd
167,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
165,0	168.6 cd	168.9 cd	169.3 cd	170.6 cd	172.1 cd	173.7 cd	175.3 cd	176.8 cd	177.9 cd
162,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
160,0	164.6 cd	165.9 cd	167.2 cd	169.3 cd	171.8 cd	174 cd	176 cd	177.9 cd	179.6 cd
157,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
155,0	158.8 cd	161.1 cd	163.4 cd	166.5 cd	169.8 cd	172.3 cd	174 cd	175.7 cd	177.4 cd
152,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
150,0	152.6 cd	155.8 cd	159 cd	162.8 cd	166.7 cd	168.9 cd	169.5 cd	170.1 cd	170.7 cd
147,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
145,0	145.1 cd	149.2 cd	153.3 cd	156.8 cd	160 cd	161.7 cd	161.7 cd	161.6 cd	161.5 cd
142,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
140,0	138.5 cd	142.7 cd	147 cd	149.7 cd	151.8 cd	152.4 cd	151.3 cd	150.4 cd	149.8 cd
137,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
135,0	131.7 cd	136.1 cd	140.6 cd	142 cd	142.4 cd	141.7 cd	140 cd	138.4 cd	137.1 cd
132,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
130,0	126.6 cd	130.2 cd	133.7 cd	133.8 cd	132.8 cd	131 cd	128.5 cd	126.3 cd	125.4 cd
127,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
125,0	120.3 cd	123 cd	125.6 cd	124.6 cd	122.4 cd	120.2 cd	117.8 cd	115.7 cd	114.2 cd
122,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
120,0	113.4 cd	115.4 cd	117.4 cd	115.8 cd	112.9 cd	110 cd	107.1 cd	104.7 cd	104 cd
117,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
115,0	107.5 cd	108.2 cd	108.9 cd	106.5 cd	103.2 cd	100.3 cd	97.8 cd	95.72 cd	94.89 cd
112,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
110,0	101.4 cd	100.9 cd	100.4 cd	97.87 cd	94.69 cd	91.9 cd	89.47 cd	87.36 cd	86.17 cd
107,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
105,0	93.7 cd	93.03 cd	92.37 cd	89.65 cd	86.25 cd	83.41 cd	81.13 cd	79.28 cd	78.67 cd
102,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
100,0	86.24 cd	84.77 cd	83.31 cd	82.62 cd	82.2 cd	82.89 cd	84.68 cd	85.64 cd	84.12 cd
97,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
95,0	80.95 cd	83.87 cd	86.78 cd	95.79 cd	106.8 cd	118.7 cd	131.4 cd	142.4 cd	148.3 cd
92,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
90,0	141.7 cd	146 cd	150.4 cd	171.5 cd	198.3 cd	223 cd	245.6 cd	264.2 cd	270.9 cd
87,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
85,0	440.4 cd	419.6 cd	398.8 cd	405 cd	420.1 cd	443.4 cd	474.7 cd	501.7 cd	515.8 cd
82,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
80,0	999.5 cd	937.6 cd	875.8 cd	851.8 cd	840.4 cd	848.2 cd	875.3 cd	897.6 cd	905.2 cd
77,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
75,0	1726 cd	1604 cd	1481 cd	1427 cd	1396 cd	1406 cd	1455 cd	1499 cd	1527 cd
72,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
70,0	2590 cd	2377 cd	2164 cd	2057 cd	1985 cd	1995 cd	2086 cd	2165 cd	2206 cd
67,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
65,0	3592 cd	3257 cd	2922 cd	2726 cd	2575 cd	2552 cd	2656 cd	2750 cd	2818 cd
62,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
60,0	4726 cd	4246 cd	3767 cd	3444 cd	3174 cd	3080 cd	3162 cd	3240 cd	3305 cd
57,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
55,0	5944 cd	5328 cd	4712 cd	4239 cd	3813 cd	3613 cd	3638 cd	3670 cd	3724 cd
52,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
50,0	7170 cd	6463 cd	5757 cd	5129 cd	4528 cd	4194 cd	4127 cd	4085 cd	4116 cd
47,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
45,0	8330 cd	7609 cd	6887 cd	6130 cd	5360 cd	4882 cd	4695 cd	4553 cd	4547 cd
42,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
40,0	9359 cd	8707 cd	8055 cd	7233 cd	6354 cd	5752 cd	5425 cd	5165 cd	5105 cd
37,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
35,0	10.23 kcd	9708 cd	9187 cd	8393 cd	7509 cd	6841 cd	6388 cd	6018 cd	5899 cd
32,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
30,0	10.92 kcd	10.55 kcd	10.19 kcd	9528 cd	8768 cd	8131 cd	7616 cd	7188 cd	7020 cd
27,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
25,0	11.43 kcd	11.22 kcd	11 kcd	10.53 kcd	9989 cd	9485 cd	9022 cd	8631 cd	8457 cd
22,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
20,0	11.81 kcd	11.7 kcd	11.59 kcd	11.32 kcd	11.01 kcd	10.69 kcd	10.38 kcd	10.12 kcd	9992 cd
17,5	174.2 cd	174.6 cd	175 cd	174.6 cd	174 cd	173.8 cd	173.9 cd	174 cd	174.3 cd
15,0	12.08 kcd	12.03 kcd	11.99 kcd	11.87 kcd	11.72 kcd	11.58 kcd	11.43 kcd	11.31 kcd	11.27 kcd
12,5	120.3 cd	123 cd	125.6 cd	124.6 cd	122.4 cd	120.2 cd	117.8 cd	115.7 cd	114.2 cd
10,0	12.25 kcd	12.24 kcd	12.23 kcd	12.19 kcd	12.15 kcd	12.11 kcd	12.07 kcd	12.05 kcd	12.06 kcd
7,5	1726 cd	1604 cd	1481 cd	1427 cd	1396 cd	1406 cd	1455 cd	1499 cd	1527 cd
5,0	12.36 kcd	12.36 kcd	12.36 kcd	12.35 kcd	12.35 kcd	12.36 kcd	12.37 kcd	12.39 kcd	12.42 kcd
2,5	11.43 kcd	11.22 kcd	11 kcd	10.53 kcd	9989 cd	9485 cd	9022 cd	8631 cd	8457 cd
0,0	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd

# IES ROAD REPORT



Laboratory results

Print date 12-06-2026

Gamma / C	90	100	110	120	130	140	150	160	170
180,0	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
177,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
175,0	174.5 cd	174.3 cd	174 cd	173.9 cd	173.8 cd	174 cd	174.6 cd	175 cd	174.6 cd
172,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
170,0	174.5 cd	174.5 cd	174.5 cd	174 cd	173.3 cd	172.9 cd	172.9 cd	172.7 cd	172.2 cd
167,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
165,0	179 cd	177.9 cd	176.8 cd	175.3 cd	173.7 cd	172.1 cd	170.6 cd	169.3 cd	168.9 cd
162,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
160,0	181.2 cd	179.6 cd	177.9 cd	176 cd	174 cd	171.8 cd	169.3 cd	167.2 cd	165.9 cd
157,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
155,0	179 cd	177.4 cd	175.7 cd	174 cd	172.3 cd	169.8 cd	166.5 cd	163.4 cd	161.1 cd
152,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
150,0	171.3 cd	170.7 cd	170.1 cd	169.5 cd	168.9 cd	166.7 cd	162.8 cd	159 cd	155.8 cd
147,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
145,0	161.4 cd	161.5 cd	161.6 cd	161.7 cd	161.7 cd	160 cd	156.8 cd	153.3 cd	149.2 cd
142,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
140,0	149.3 cd	149.8 cd	150.4 cd	151.3 cd	152.4 cd	151.8 cd	149.7 cd	147 cd	142.7 cd
137,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
135,0	135.8 cd	137.1 cd	138.4 cd	140 cd	141.7 cd	142.4 cd	142 cd	140.6 cd	136.1 cd
132,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
130,0	124.5 cd	125.4 cd	126.3 cd	128.5 cd	131 cd	132.8 cd	133.8 cd	133.7 cd	130.2 cd
127,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
125,0	112.6 cd	114.2 cd	115.7 cd	117.8 cd	120.2 cd	122.4 cd	124.6 cd	125.6 cd	123 cd
122,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
120,0	103.3 cd	104 cd	104.7 cd	107.1 cd	110 cd	112.9 cd	115.8 cd	117.4 cd	115.4 cd
117,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
115,0	94.06 cd	94.89 cd	95.72 cd	97.8 cd	100.3 cd	103.2 cd	106.5 cd	108.9 cd	108.2 cd
112,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
110,0	84.98 cd	86.17 cd	87.36 cd	89.47 cd	91.9 cd	94.69 cd	97.87 cd	100.4 cd	100.9 cd
107,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
105,0	78.07 cd	78.67 cd	79.28 cd	81.13 cd	83.41 cd	86.25 cd	89.65 cd	92.37 cd	93.03 cd
102,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
100,0	82.6 cd	84.12 cd	85.64 cd	84.68 cd	82.89 cd	82.2 cd	82.62 cd	83.31 cd	84.77 cd
97,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
95,0	154.2 cd	148.3 cd	142.4 cd	131.4 cd	118.7 cd	106.8 cd	95.79 cd	86.78 cd	83.87 cd
92,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
90,0	277.7 cd	270.9 cd	264.2 cd	245.6 cd	223 cd	198.3 cd	171.5 cd	150.4 cd	146 cd
87,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
85,0	529.8 cd	515.8 cd	501.7 cd	474.7 cd	443.4 cd	420.1 cd	405 cd	398.8 cd	419.6 cd
82,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
80,0	912.8 cd	905.2 cd	897.6 cd	875.3 cd	848.2 cd	840.4 cd	851.8 cd	875.8 cd	937.6 cd
77,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
75,0	1554 cd	1527 cd	1499 cd	1455 cd	1406 cd	1396 cd	1427 cd	1481 cd	1604 cd
72,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
70,0	2248 cd	2206 cd	2165 cd	2086 cd	1995 cd	1985 cd	2057 cd	2164 cd	2377 cd
67,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
65,0	2885 cd	2818 cd	2750 cd	2656 cd	2552 cd	2575 cd	2726 cd	2922 cd	3257 cd
62,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
60,0	3370 cd	3305 cd	3240 cd	3162 cd	3080 cd	3174 cd	3444 cd	3767 cd	4246 cd
57,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
55,0	3778 cd	3724 cd	3670 cd	3638 cd	3613 cd	3813 cd	4239 cd	4712 cd	5328 cd
52,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
50,0	4147 cd	4116 cd	4085 cd	4127 cd	4194 cd	4528 cd	5129 cd	5757 cd	6463 cd
47,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
45,0	4540 cd	4547 cd	4553 cd	4695 cd	4882 cd	5360 cd	6130 cd	6887 cd	7609 cd
42,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
40,0	5045 cd	5105 cd	5165 cd	5425 cd	5752 cd	6354 cd	7233 cd	8055 cd	8707 cd
37,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
35,0	5780 cd	5899 cd	6018 cd	6388 cd	6841 cd	7509 cd	8393 cd	9187 cd	9708 cd
32,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
30,0	6852 cd	7020 cd	7188 cd	7616 cd	8131 cd	8768 cd	9528 cd	10.19 kcd	10.55 kcd
27,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
25,0	8284 cd	8457 cd	8631 cd	9022 cd	9485 cd	9989 cd	10.53 kcd	11 kcd	11.22 kcd
22,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
20,0	9868 cd	9992 cd	10.12 kcd	10.38 kcd	10.69 kcd	11.01 kcd	11.32 kcd	11.59 kcd	11.7 kcd
17,5	174.5 cd	174.3 cd	174 cd	173.9 cd	173.8 cd	174 cd	174.6 cd	175 cd	174.6 cd
15,0	11.23 kcd	11.27 kcd	11.31 kcd	11.43 kcd	11.58 kcd	11.72 kcd	11.87 kcd	11.99 kcd	12.03 kcd
12,5	112.6 cd	114.2 cd	115.7 cd	117.8 cd	120.2 cd	122.4 cd	124.6 cd	125.6 cd	123 cd
10,0	12.08 kcd	12.06 kcd	12.05 kcd	12.07 kcd	12.11 kcd	12.15 kcd	12.19 kcd	12.23 kcd	12.24 kcd
7,5	1554 cd	1527 cd	1499 cd	1455 cd	1406 cd	1396 cd	1427 cd	1481 cd	1604 cd
5,0	12.46 kcd	12.42 kcd	12.39 kcd	12.37 kcd	12.36 kcd	12.35 kcd	12.35 kcd	12.36 kcd	12.36 kcd
2,5	8284 cd	8457 cd	8631 cd	9022 cd	9485 cd	9989 cd	10.53 kcd	11 kcd	11.22 kcd
0,0	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd

# IES ROAD REPORT



Laboratory results

Print date 12-06-2026

Gamma / C	180	190	200	210	220	230	240	250	260
180,0	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
177,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
175,0	174.2 cd	174.6 cd	175 cd	174.6 cd	174 cd	173.8 cd	173.9 cd	174 cd	174.3 cd
172,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
170,0	171.7 cd	172.2 cd	172.7 cd	172.9 cd	172.9 cd	173.3 cd	174 cd	174.5 cd	174.5 cd
167,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
165,0	168.6 cd	168.9 cd	169.3 cd	170.6 cd	172.1 cd	173.7 cd	175.3 cd	176.8 cd	177.9 cd
162,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
160,0	164.6 cd	165.9 cd	167.2 cd	169.3 cd	171.8 cd	174 cd	176 cd	177.9 cd	179.6 cd
157,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
155,0	158.8 cd	161.1 cd	163.4 cd	166.5 cd	169.8 cd	172.3 cd	174 cd	175.7 cd	177.4 cd
152,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
150,0	152.6 cd	155.8 cd	159 cd	162.8 cd	166.7 cd	168.9 cd	169.5 cd	170.1 cd	170.7 cd
147,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
145,0	145.1 cd	149.2 cd	153.3 cd	156.8 cd	160 cd	161.7 cd	161.7 cd	161.6 cd	161.5 cd
142,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
140,0	138.5 cd	142.7 cd	147 cd	149.7 cd	151.8 cd	152.4 cd	151.3 cd	150.4 cd	149.8 cd
137,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
135,0	131.7 cd	136.1 cd	140.6 cd	142 cd	142.4 cd	141.7 cd	140 cd	138.4 cd	137.1 cd
132,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
130,0	126.6 cd	130.2 cd	133.7 cd	133.8 cd	132.8 cd	131 cd	128.5 cd	126.3 cd	125.4 cd
127,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
125,0	120.3 cd	123 cd	125.6 cd	124.6 cd	122.4 cd	120.2 cd	117.8 cd	115.7 cd	114.2 cd
122,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
120,0	113.4 cd	115.4 cd	117.4 cd	115.8 cd	112.9 cd	110 cd	107.1 cd	104.7 cd	104 cd
117,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
115,0	107.5 cd	108.2 cd	108.9 cd	106.5 cd	103.2 cd	100.3 cd	97.8 cd	95.72 cd	94.89 cd
112,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
110,0	101.4 cd	100.9 cd	100.4 cd	97.87 cd	94.69 cd	91.9 cd	89.47 cd	87.36 cd	86.17 cd
107,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
105,0	93.7 cd	93.03 cd	92.37 cd	89.65 cd	86.25 cd	83.41 cd	81.13 cd	79.28 cd	78.67 cd
102,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
100,0	86.24 cd	84.77 cd	83.31 cd	82.62 cd	82.2 cd	82.89 cd	84.68 cd	85.64 cd	84.12 cd
97,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
95,0	80.95 cd	83.87 cd	86.78 cd	95.79 cd	106.8 cd	118.7 cd	131.4 cd	142.4 cd	148.3 cd
92,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
90,0	141.7 cd	146 cd	150.4 cd	171.5 cd	198.3 cd	223 cd	245.6 cd	264.2 cd	270.9 cd
87,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
85,0	440.4 cd	419.6 cd	398.8 cd	405 cd	420.1 cd	443.4 cd	474.7 cd	501.7 cd	515.8 cd
82,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
80,0	999.5 cd	937.6 cd	875.8 cd	851.8 cd	840.4 cd	848.2 cd	875.3 cd	897.6 cd	905.2 cd
77,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
75,0	1726 cd	1604 cd	1481 cd	1427 cd	1396 cd	1406 cd	1455 cd	1499 cd	1527 cd
72,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
70,0	2590 cd	2377 cd	2164 cd	2057 cd	1985 cd	1995 cd	2086 cd	2165 cd	2206 cd
67,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
65,0	3592 cd	3257 cd	2922 cd	2726 cd	2575 cd	2552 cd	2656 cd	2750 cd	2818 cd
62,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
60,0	4726 cd	4246 cd	3767 cd	3444 cd	3174 cd	3080 cd	3162 cd	3240 cd	3305 cd
57,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
55,0	5944 cd	5328 cd	4712 cd	4239 cd	3813 cd	3613 cd	3638 cd	3670 cd	3724 cd
52,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
50,0	7170 cd	6463 cd	5757 cd	5129 cd	4528 cd	4194 cd	4127 cd	4085 cd	4116 cd
47,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
45,0	8330 cd	7609 cd	6887 cd	6130 cd	5360 cd	4882 cd	4695 cd	4553 cd	4547 cd
42,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
40,0	9359 cd	8707 cd	8055 cd	7233 cd	6354 cd	5752 cd	5425 cd	5165 cd	5105 cd
37,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
35,0	10.23 kcd	9708 cd	9187 cd	8393 cd	7509 cd	6841 cd	6388 cd	6018 cd	5899 cd
32,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
30,0	10.92 kcd	10.55 kcd	10.19 kcd	9528 cd	8768 cd	8131 cd	7616 cd	7188 cd	7020 cd
27,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
25,0	11.43 kcd	11.22 kcd	11 kcd	10.53 kcd	9989 cd	9485 cd	9022 cd	8631 cd	8457 cd
22,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
20,0	11.81 kcd	11.7 kcd	11.59 kcd	11.32 kcd	11.01 kcd	10.69 kcd	10.38 kcd	10.12 kcd	9992 cd
17,5	174.2 cd	174.6 cd	175 cd	174.6 cd	174 cd	173.8 cd	173.9 cd	174 cd	174.3 cd
15,0	12.08 kcd	12.03 kcd	11.99 kcd	11.87 kcd	11.72 kcd	11.58 kcd	11.43 kcd	11.31 kcd	11.27 kcd
12,5	120.3 cd	123 cd	125.6 cd	124.6 cd	122.4 cd	120.2 cd	117.8 cd	115.7 cd	114.2 cd
10,0	12.25 kcd	12.24 kcd	12.23 kcd	12.19 kcd	12.15 kcd	12.11 kcd	12.07 kcd	12.05 kcd	12.06 kcd
7,5	1726 cd	1604 cd	1481 cd	1427 cd	1396 cd	1406 cd	1455 cd	1499 cd	1527 cd
5,0	12.36 kcd	12.36 kcd	12.36 kcd	12.35 kcd	12.35 kcd	12.36 kcd	12.37 kcd	12.39 kcd	12.42 kcd
2,5	11.43 kcd	11.22 kcd	11 kcd	10.53 kcd	9989 cd	9485 cd	9022 cd	8631 cd	8457 cd
0,0	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd

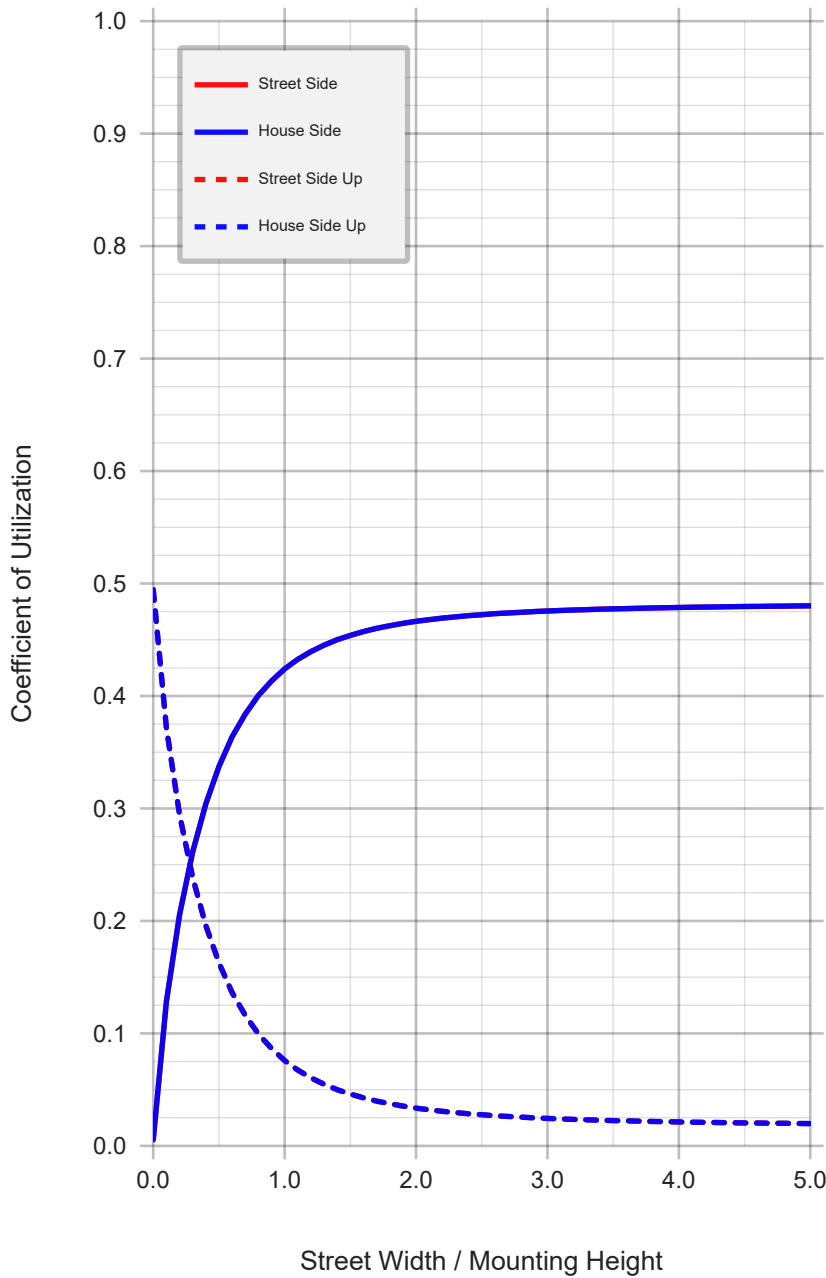
# IES ROAD REPORT



Laboratory results

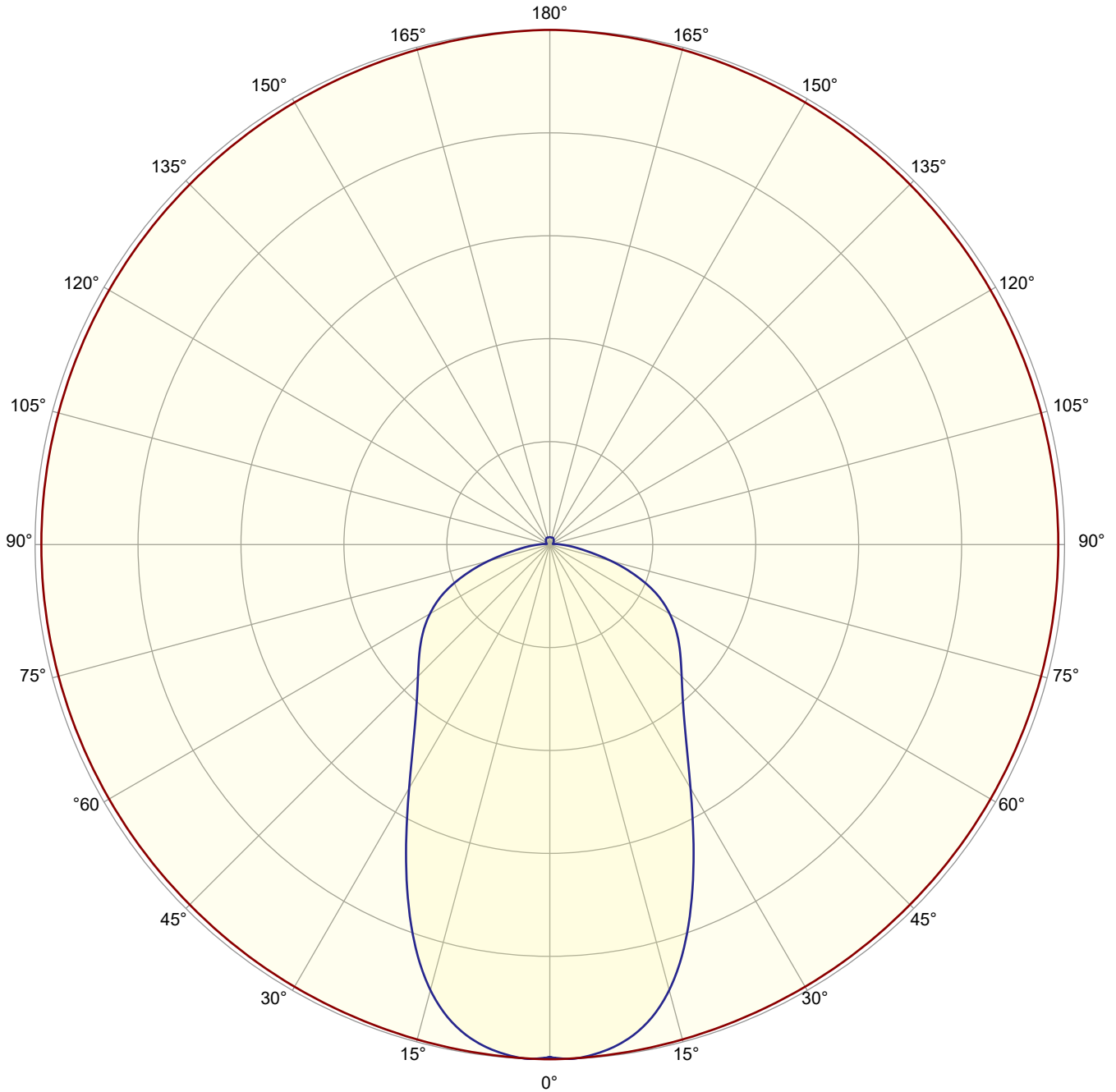
Print date 12-06-2026

Gamma / C	270	280	290	300	310	320	330	340	350
180,0	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
177,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
175,0	174.5 cd	174.3 cd	174 cd	173.9 cd	173.8 cd	174 cd	174.6 cd	175 cd	174.6 cd
172,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
170,0	174.5 cd	174.5 cd	174.5 cd	174 cd	173.3 cd	172.9 cd	172.9 cd	172.7 cd	172.2 cd
167,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
165,0	179 cd	177.9 cd	176.8 cd	175.3 cd	173.7 cd	172.1 cd	170.6 cd	169.3 cd	168.9 cd
162,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
160,0	181.2 cd	179.6 cd	177.9 cd	176 cd	174 cd	171.8 cd	169.3 cd	167.2 cd	165.9 cd
157,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
155,0	179 cd	177.4 cd	175.7 cd	174 cd	172.3 cd	169.8 cd	166.5 cd	163.4 cd	161.1 cd
152,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
150,0	171.3 cd	170.7 cd	170.1 cd	169.5 cd	168.9 cd	166.7 cd	162.8 cd	159 cd	155.8 cd
147,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
145,0	161.4 cd	161.5 cd	161.6 cd	161.7 cd	161.7 cd	160 cd	156.8 cd	153.3 cd	149.2 cd
142,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
140,0	149.3 cd	149.8 cd	150.4 cd	151.3 cd	152.4 cd	151.8 cd	149.7 cd	147 cd	142.7 cd
137,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
135,0	135.8 cd	137.1 cd	138.4 cd	140 cd	141.7 cd	142.4 cd	142 cd	140.6 cd	136.1 cd
132,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
130,0	124.5 cd	125.4 cd	126.3 cd	128.5 cd	131 cd	132.8 cd	133.8 cd	133.7 cd	130.2 cd
127,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
125,0	112.6 cd	114.2 cd	115.7 cd	117.8 cd	120.2 cd	122.4 cd	124.6 cd	125.6 cd	123 cd
122,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
120,0	103.3 cd	104 cd	104.7 cd	107.1 cd	110 cd	112.9 cd	115.8 cd	117.4 cd	115.4 cd
117,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
115,0	94.06 cd	94.89 cd	95.72 cd	97.8 cd	100.3 cd	103.2 cd	106.5 cd	108.9 cd	108.2 cd
112,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
110,0	84.98 cd	86.17 cd	87.36 cd	89.47 cd	91.9 cd	94.69 cd	97.87 cd	100.4 cd	100.9 cd
107,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
105,0	78.07 cd	78.67 cd	79.28 cd	81.13 cd	83.41 cd	86.25 cd	89.65 cd	92.37 cd	93.03 cd
102,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
100,0	82.6 cd	84.12 cd	85.64 cd	84.68 cd	82.89 cd	82.2 cd	82.62 cd	83.31 cd	84.77 cd
97,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
95,0	154.2 cd	148.3 cd	142.4 cd	131.4 cd	118.7 cd	106.8 cd	95.79 cd	86.78 cd	83.87 cd
92,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
90,0	277.7 cd	270.9 cd	264.2 cd	245.6 cd	223 cd	198.3 cd	171.5 cd	150.4 cd	146 cd
87,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
85,0	529.8 cd	515.8 cd	501.7 cd	474.7 cd	443.4 cd	420.1 cd	405 cd	398.8 cd	419.6 cd
82,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
80,0	912.8 cd	905.2 cd	897.6 cd	875.3 cd	848.2 cd	840.4 cd	851.8 cd	875.8 cd	937.6 cd
77,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
75,0	1554 cd	1527 cd	1499 cd	1455 cd	1406 cd	1396 cd	1427 cd	1481 cd	1604 cd
72,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
70,0	2248 cd	2206 cd	2165 cd	2086 cd	1995 cd	1985 cd	2057 cd	2164 cd	2377 cd
67,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
65,0	2885 cd	2818 cd	2750 cd	2656 cd	2552 cd	2575 cd	2726 cd	2922 cd	3257 cd
62,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
60,0	3370 cd	3305 cd	3240 cd	3162 cd	3080 cd	3174 cd	3444 cd	3767 cd	4246 cd
57,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
55,0	3778 cd	3724 cd	3670 cd	3638 cd	3613 cd	3813 cd	4239 cd	4712 cd	5328 cd
52,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
50,0	4147 cd	4116 cd	4085 cd	4127 cd	4194 cd	4528 cd	5129 cd	5757 cd	6463 cd
47,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
45,0	4540 cd	4547 cd	4553 cd	4695 cd	4882 cd	5360 cd	6130 cd	6887 cd	7609 cd
42,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
40,0	5045 cd	5105 cd	5165 cd	5425 cd	5752 cd	6354 cd	7233 cd	8055 cd	8707 cd
37,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
35,0	5780 cd	5899 cd	6018 cd	6388 cd	6841 cd	7509 cd	8393 cd	9187 cd	9708 cd
32,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
30,0	6852 cd	7020 cd	7188 cd	7616 cd	8131 cd	8768 cd	9528 cd	10.19 kcd	10.55 kcd
27,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
25,0	8284 cd	8457 cd	8631 cd	9022 cd	9485 cd	9989 cd	10.53 kcd	11 kcd	11.22 kcd
22,5	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd	173.6 cd
20,0	9868 cd	9992 cd	10.12 kcd	10.38 kcd	10.69 kcd	11.01 kcd	11.32 kcd	11.59 kcd	11.7 kcd
17,5	174.5 cd	174.3 cd	174 cd	173.9 cd	173.8 cd	174 cd	174.6 cd	175 cd	174.6 cd
15,0	11.23 kcd	11.27 kcd	11.31 kcd	11.43 kcd	11.58 kcd	11.72 kcd	11.87 kcd	11.99 kcd	12.03 kcd
12,5	112.6 cd	114.2 cd	115.7 cd	117.8 cd	120.2 cd	122.4 cd	124.6 cd	125.6 cd	123 cd
10,0	12.08 kcd	12.06 kcd	12.05 kcd	12.07 kcd	12.11 kcd	12.15 kcd	12.19 kcd	12.23 kcd	12.24 kcd
7,5	1554 cd	1527 cd	1499 cd	1455 cd	1406 cd	1396 cd	1427 cd	1481 cd	1604 cd
5,0	12.46 kcd	12.42 kcd	12.39 kcd	12.37 kcd	12.36 kcd	12.35 kcd	12.35 kcd	12.36 kcd	12.36 kcd
2,5	8284 cd	8457 cd	8631 cd	9022 cd	9485 cd	9989 cd	10.53 kcd	11 kcd	11.22 kcd
0,0	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd	12.44 kcd



	<b>Flux</b>	<b>Percent of lamp</b>
Downward Street Side	13.36 k lm	48.6 %
Downward House Side	13.36 k lm	48.6 %
Downward Total	26.71 k lm	97.2 %
Upward Total	788.2 lm	2.9 %
Total Flux	27.47 k lm	100.0 %

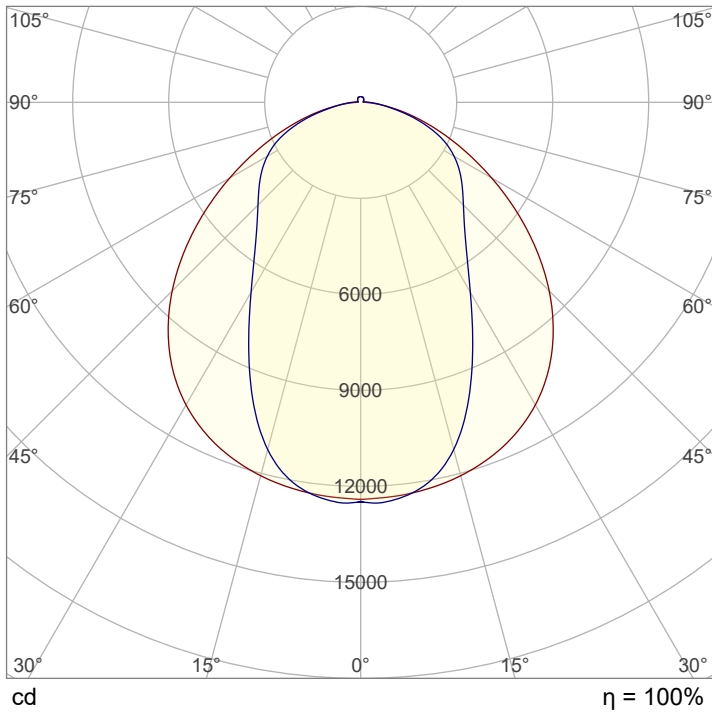
## POLAR GRAPH - PEAK VALUES



Maximum intensity = 12.53 kcd. Located at horizontal, vertical angles 270H 3V

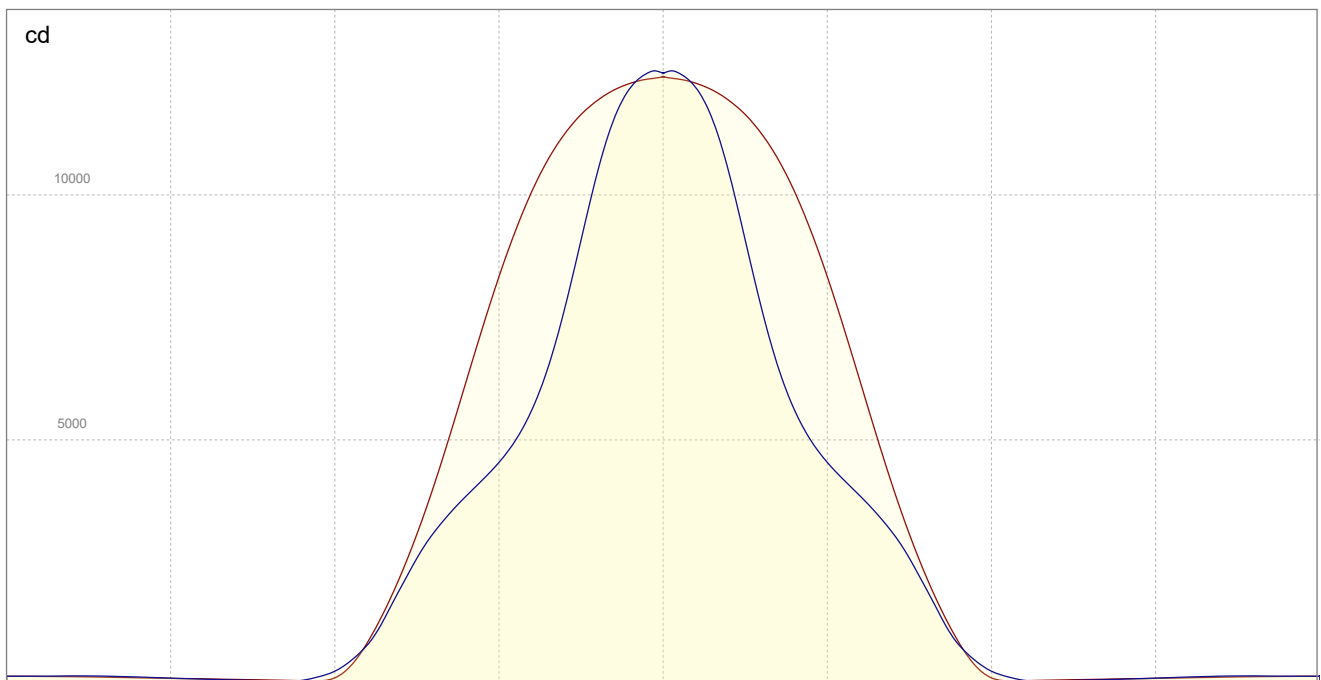
- Peak plane: C90 - C270 (through max. intensity candela)
- Horizontal cone through vertical angle 3V

## POLAR GRAPH - MAIN PLANES



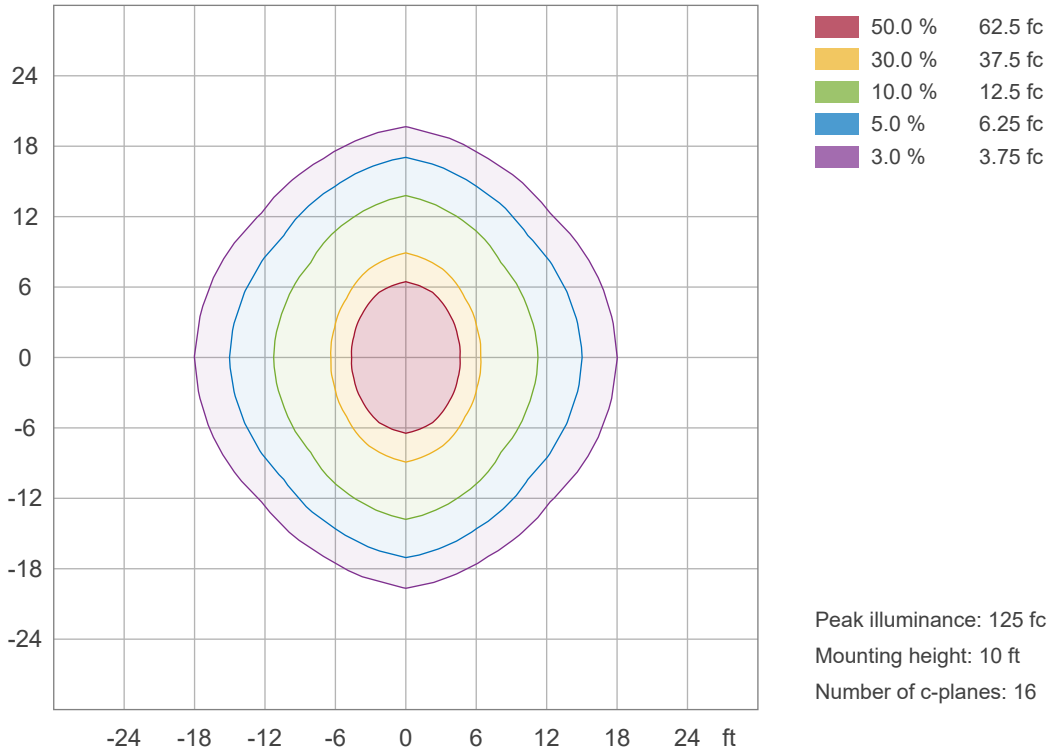
- C0 - C180
- C90 - C270

## LINEAR INTENSITY DISTRIBUTION DIAGRAM



- C0 - C180
- C90 - C270
- Peak plane: C90 - C270

## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



## ISOLUX LINES OF HORIZONTAL ILLUMINANCE

