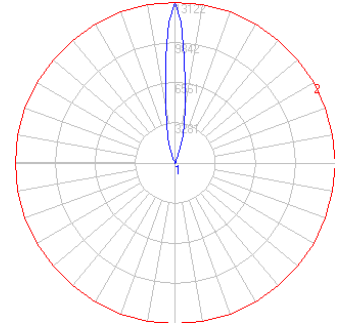


BEGA

Photometric Filename: 77852-0deg.IES

TEST: NA
 TEST LAB: BEGA
 DATE: 08/13/2015
 LUMINAIRE: 77 852
 LAMP: 29W LED

All results in accordance with IESNA LM-63-95

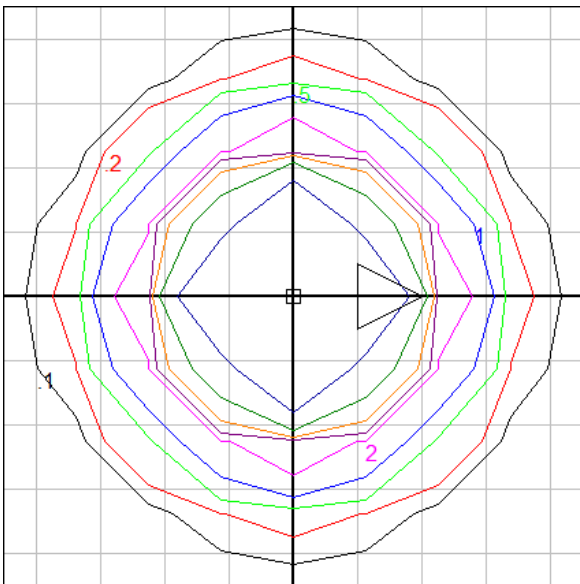


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1534
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	34
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.25 m (Diameter)
Luminous Height	0.00 m

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.01
80-90	0.12
90-100	0.22
100-110	0.22
110-120	0.27
120-130	0.32
130-140	2.82
140-150	19.25
150-160	142.80
160-170	660.72
170-180	707.31



Mounting Height = 4 ft. Grid Spacing = 1 ft.

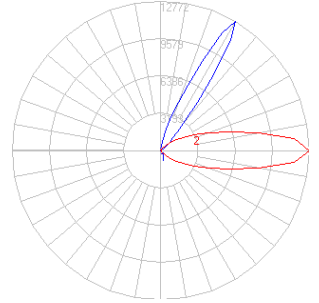
In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 77852-30deg.IES

TEST: NA
 TEST LAB: BEGA
 DATE: 08/13/2015
 LUMINAIRE: 77 852
 LAMP: 29W LED

All results in accordance with IESNA LM-63-95

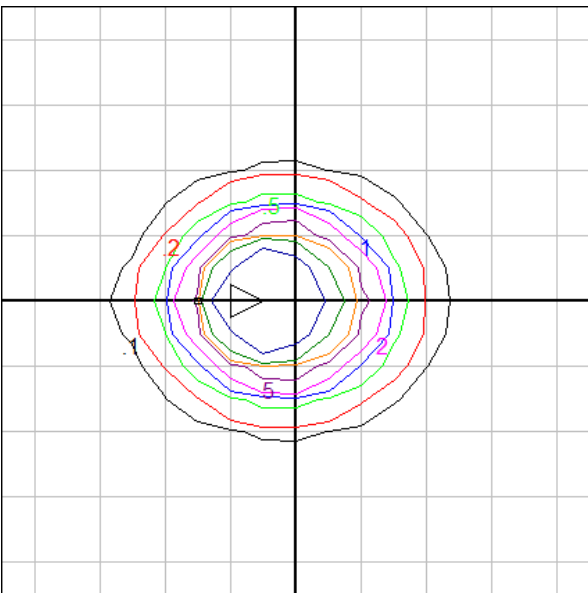


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1348
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	40
Total Luminaire Watts	34
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.25 m (Diameter)
Luminous Height	0.00 m

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.03
80-90	0.12
90-100	0.20
100-110	0.63
110-120	1.90
120-130	16.86
130-140	150.65
140-150	524.09
150-160	497.97
160-170	141.70
170-180	14.13



Mounting Height = 4 ft. Grid Spacing = 2 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.