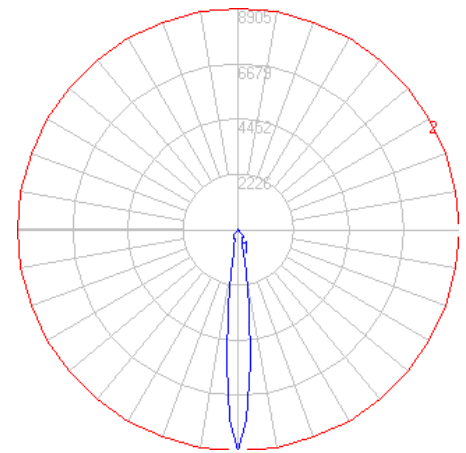


BEGA

Photometric Filename: 66981K4.ies

TEST: BE_66981
TEST LAB: BEGA
DATE: 8/21/2017
LUMINAIRE: 66 981K3
LAMP: 10W LED

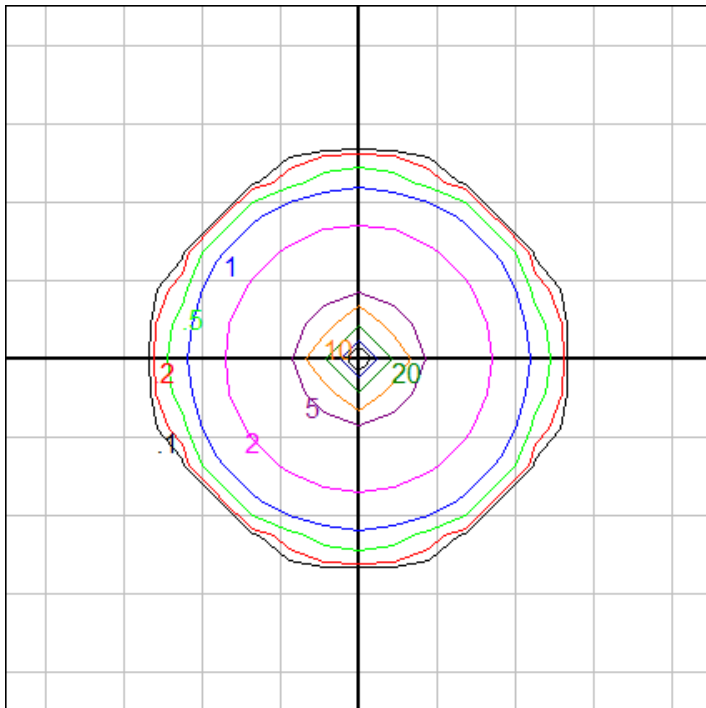


Characteristics

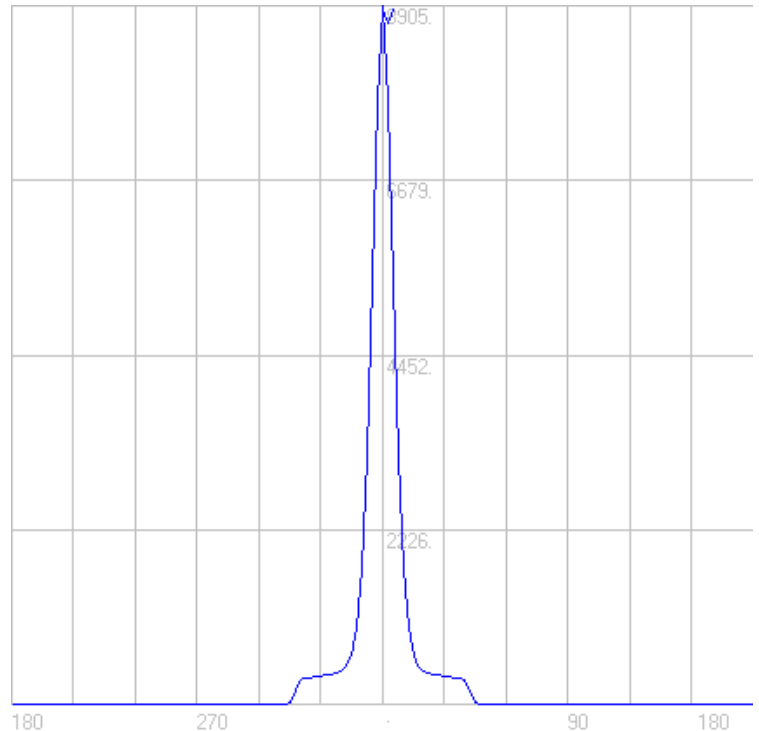
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1078
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	12.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.22
Spacing Criterion (90-270)	0.22
Spacing Criterion (Diagonal)	0.24
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.40 ft (Diameter)
Luminous Height	0.00 ft

Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	8904.877
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	12.1
Vertical Beam Angle (50%)	12.1
Horizontal Field Angle (10%)	26.3
Vertical Field Angle (10%)	26.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	215
Beam Efficiency	N.A.
Field Lumens	478
Field Efficiency	N.A.
Spill Lumens	595
Luminaire Lumens	1073
Total Efficiency	N.A.
Total Luminaire Watts	12.2
Ballast Factor	1.00



Mounting Height = 10 ft. Grid Spacing = 5 ft.



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

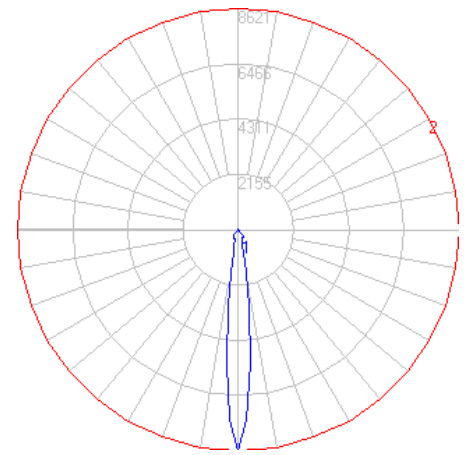
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Photometric Filename: 66981K35.IES

TEST: BE_66981
TEST LAB: BEGA
DATE: 8/21/2017
LUMINAIRE: 66 981K3
LAMP: 10W LED

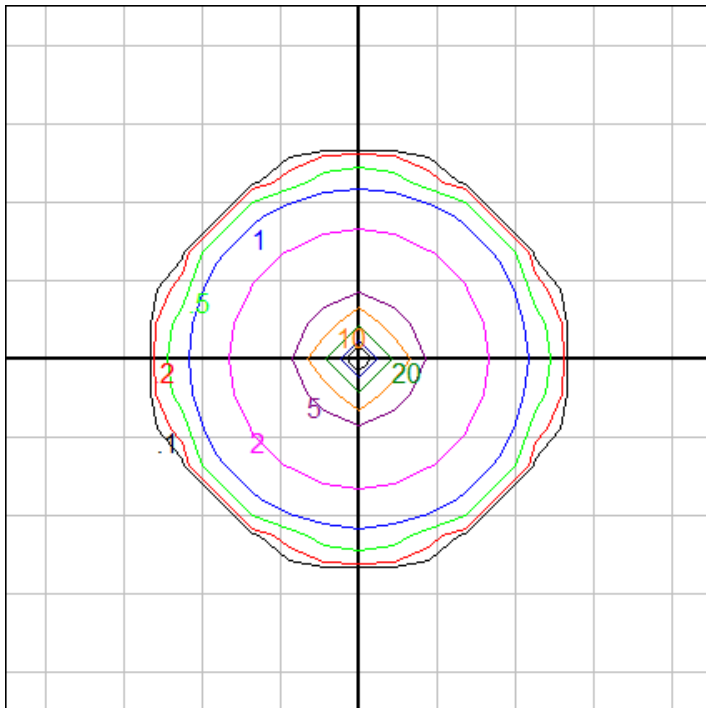


Characteristics

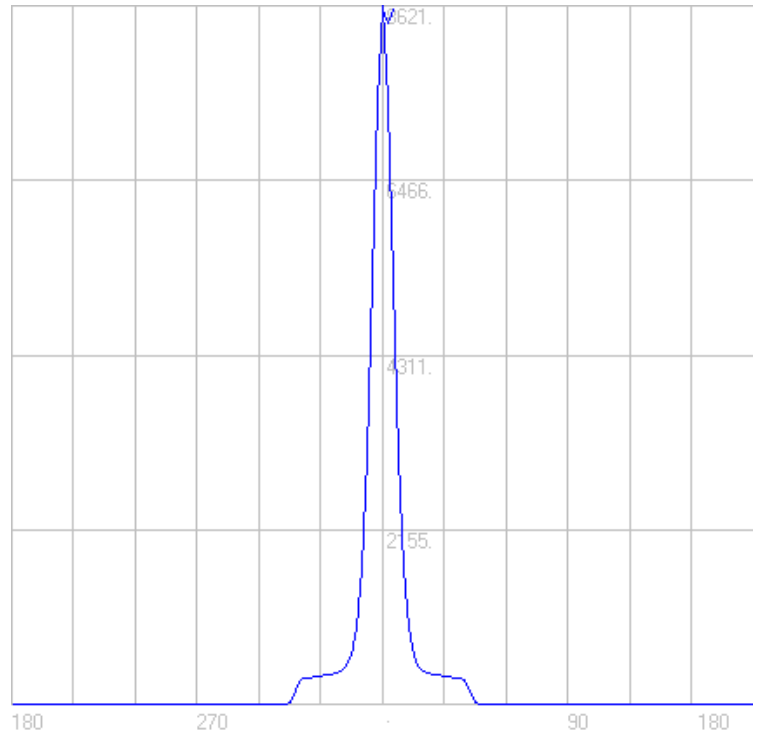
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1044
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	12.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.22
Spacing Criterion (90-270)	0.22
Spacing Criterion (Diagonal)	0.24
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.40 ft (Diameter)
Luminous Height	0.00 ft

Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	8621.389
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	12.1
Vertical Beam Angle (50%)	12.1
Horizontal Field Angle (10%)	26.3
Vertical Field Angle (10%)	26.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	208
Beam Efficiency	N.A.
Field Lumens	462
Field Efficiency	N.A.
Spill Lumens	576
Luminaire Lumens	1039
Total Efficiency	N.A.
Total Luminaire Watts	12.2
Ballast Factor	1.00



Mounting Height = 10 ft. Grid Spacing = 5 ft.



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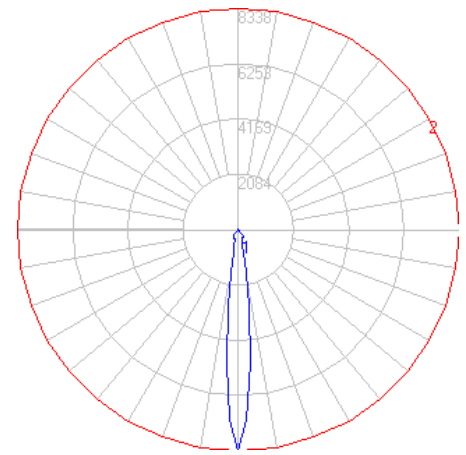
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Photometric Filename: 66981K3.IES

TEST: BE_66981
TEST LAB: BEGA
DATE: 8/21/2017
LUMINAIRE: 66 981K3
LAMP: 10W LED

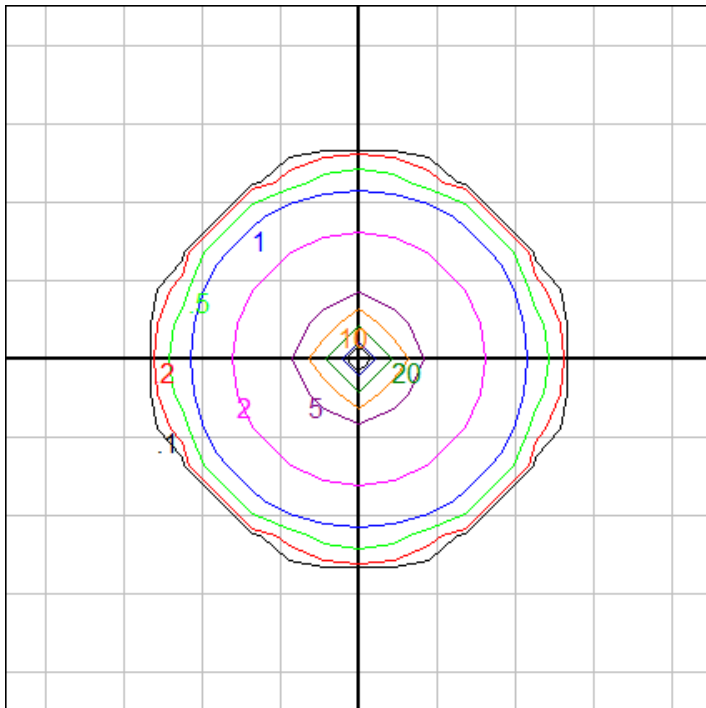


Characteristics

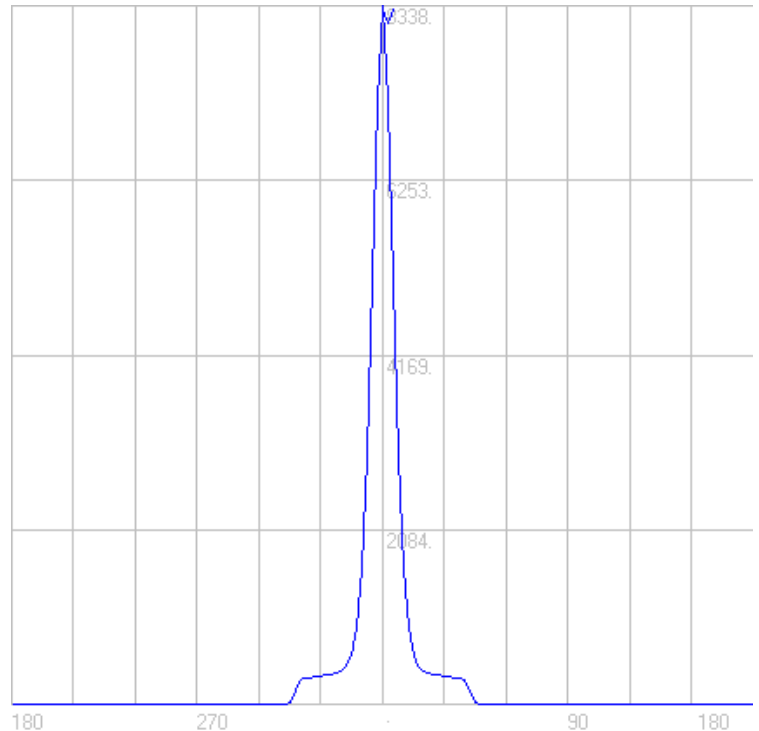
Characteristics	
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1009
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	12.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.22
Spacing Criterion (90-270)	0.22
Spacing Criterion (Diagonal)	0.24
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.40 ft (Diameter)
Luminous Height	0.00 ft

Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	8337.9
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	12.1
Vertical Beam Angle (50%)	12.1
Horizontal Field Angle (10%)	26.3
Vertical Field Angle (10%)	26.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	201
Beam Efficiency	N.A.
Field Lumens	447
Field Efficiency	N.A.
Spill Lumens	557
Luminaire Lumens	1005
Total Efficiency	N.A.
Total Luminaire Watts	12.2
Ballast Factor	1.00



Mounting Height = 10 ft. Grid Spacing = 5 ft.



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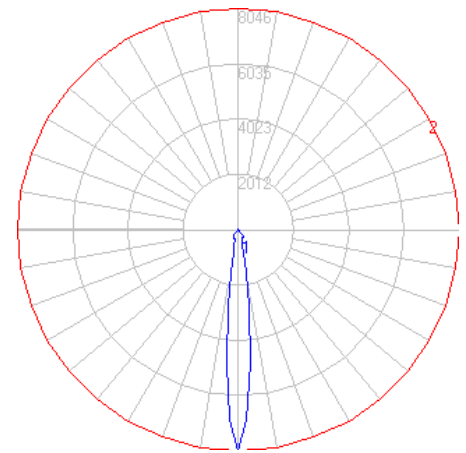
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Photometric Filename: 66981K27.IES

TEST: BE_66981
TEST LAB: BEGA
DATE: 8/21/2017
LUMINAIRE: 66 981K3
LAMP: 10W LED

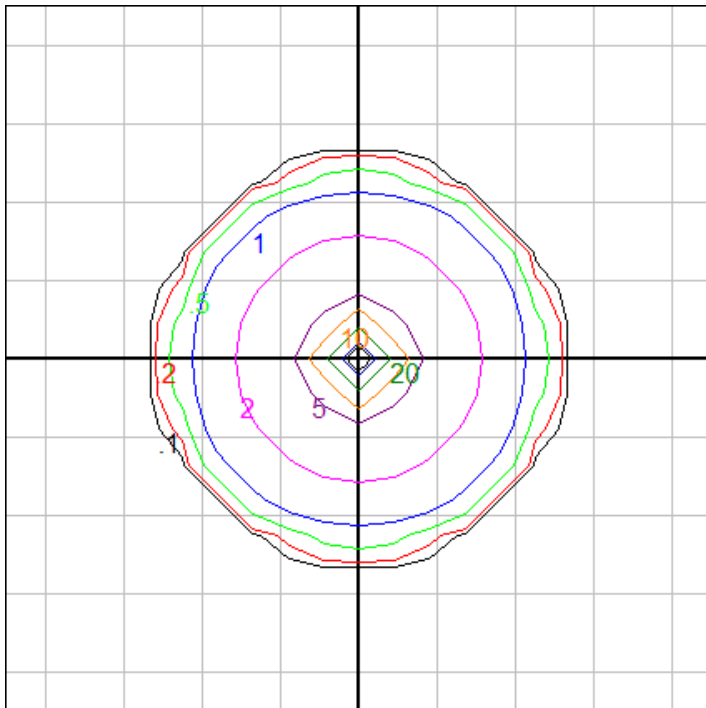


Characteristics

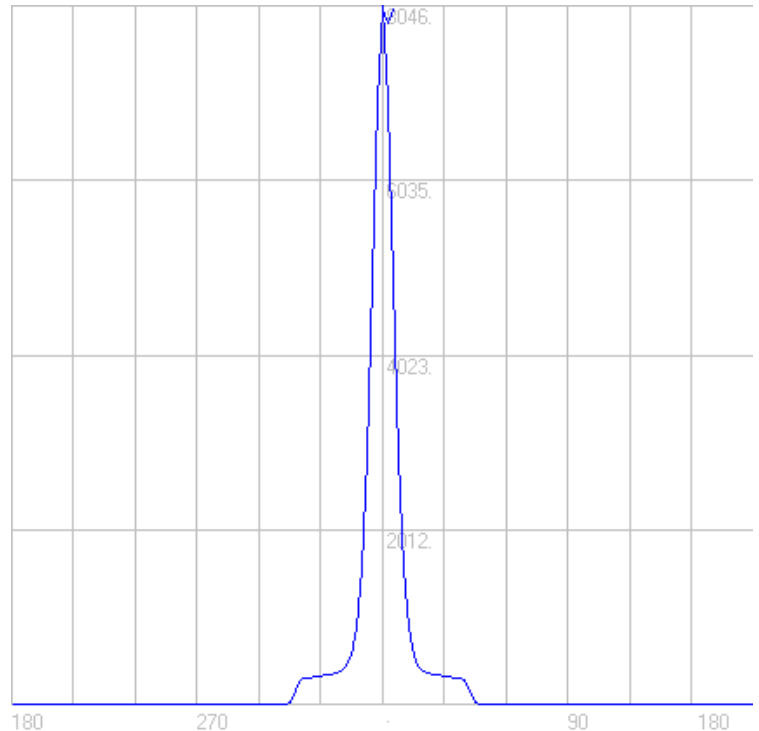
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	974
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	12.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.22
Spacing Criterion (90-270)	0.22
Spacing Criterion (Diagonal)	0.24
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.40 ft (Diameter)
Luminous Height	0.00 ft

Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	8046.073
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	12.1
Vertical Beam Angle (50%)	12.1
Horizontal Field Angle (10%)	26.3
Vertical Field Angle (10%)	26.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	194
Beam Efficiency	N.A.
Field Lumens	431
Field Efficiency	N.A.
Spill Lumens	538
Luminaire Lumens	969
Total Efficiency	N.A.
Total Luminaire Watts	12.2
Ballast Factor	1.00



Mounting Height = 10 ft. Grid Spacing = 5 ft.



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