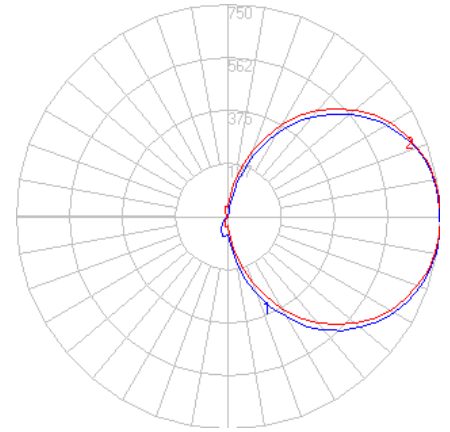


BEGA

File: 24395K4_BEGA_IES.ies

TEST: BE_24395K4
TEST LAB: BEGA
DATE: 09/19/2019
LUMINAIRE: 24 395K4
LAMP: 23.9W LED

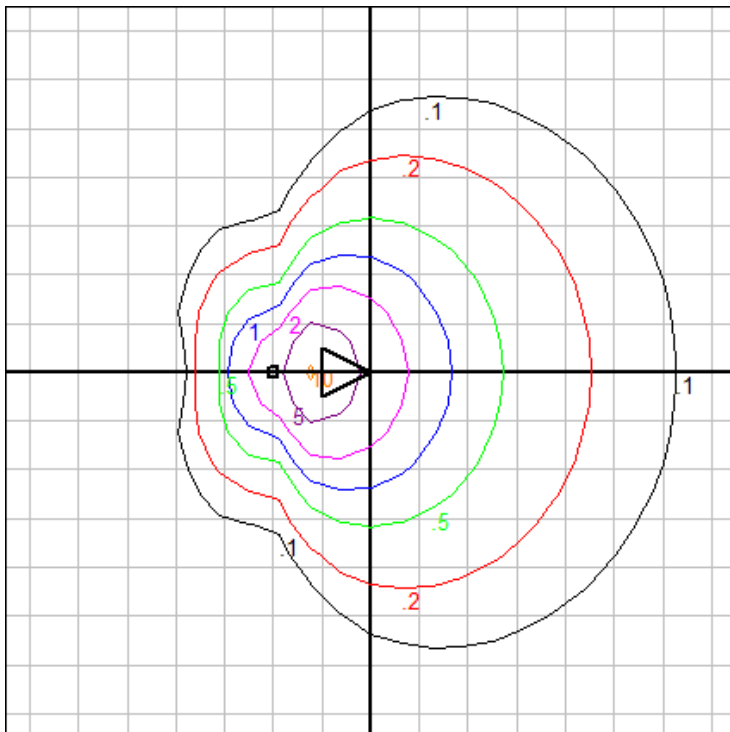


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2481
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	1.02 m (Diameter)
Luminous Height	1.02 m (Diameter)

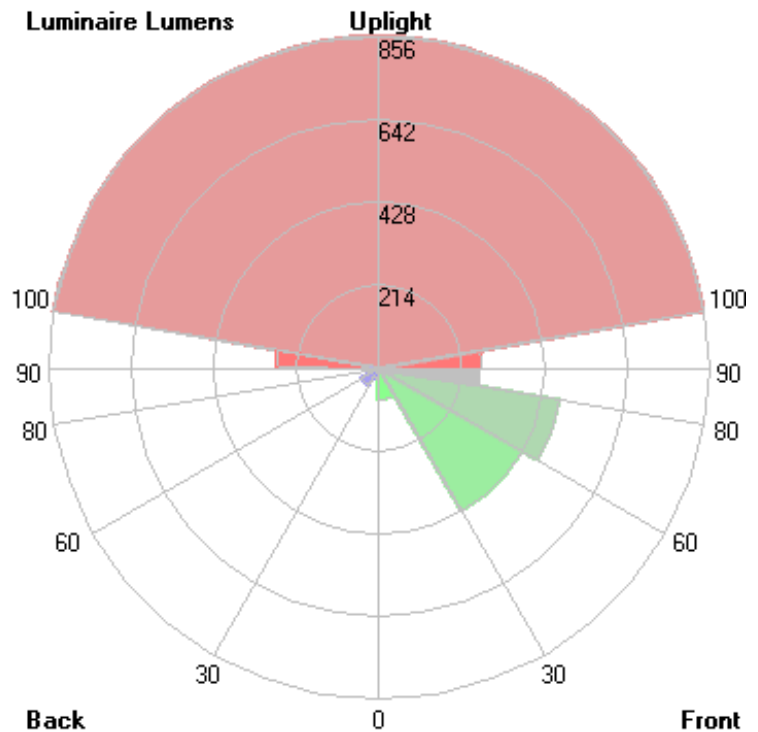
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	82.1	N.A.	3.3
FM (30-60)	426.5	N.A.	17.2
FH (60-80)	474.9	N.A.	19.1
FVH(80-90)	261.8	N.A.	10.6
BL (0-30)	27.5	N.A.	1.1
BM (30-60)	51.9	N.A.	2.1
BH (60-80)	25.8	N.A.	1.0
BVH(80-90)	9.5	N.A.	0.4
UL (90-100)	265.2	N.A.	10.7
UH (100-180)	856.1	N.A.	34.5
Total		2481.3	N.A. 100.0
BUG Rating B0-U4-G3			



Mounting Height: 5 ft.

Grid Spacing: 4 ft.



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

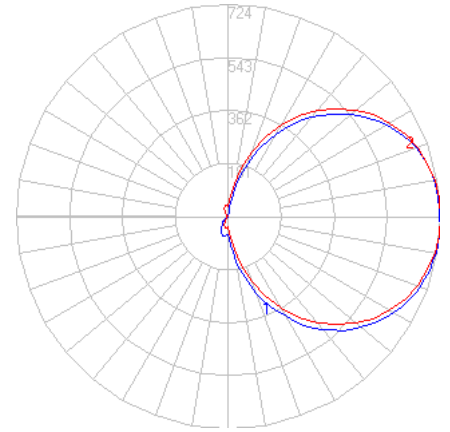
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BEGA

File: 24395K35_BEGA_IES.ies

TEST: BE_24395K4
TEST LAB: BEGA
DATE: 09/19/2019
LUMINAIRE: 24 395K35
LAMP: 23.9W LED



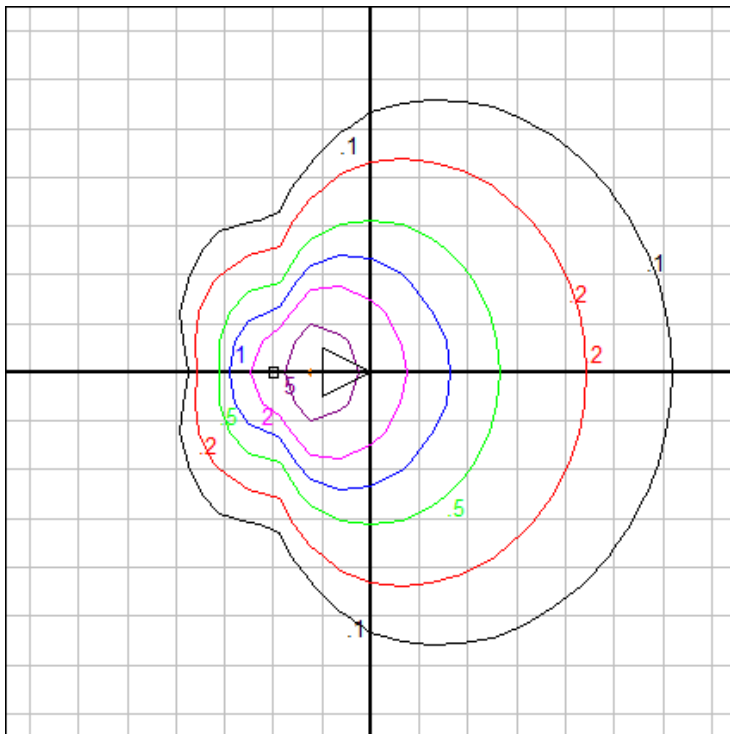
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2394
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	General Diffuse
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 ft
Luminous Width (90-270)	1.02 ft (Diameter)
Luminous Height	0.00 ft

Lum. Classification System (LCS)

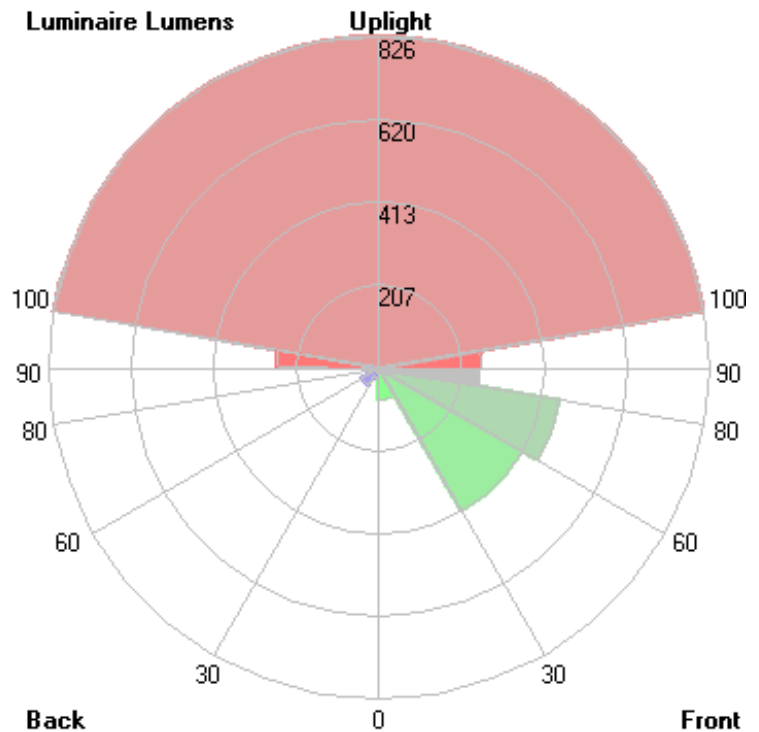
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	79.2	N.A.	3.3
FM (30-60)	411.6	N.A.	17.2
FH (60-80)	458.3	N.A.	19.1
FVH(80-90)	252.6	N.A.	10.5
BL (0-30)	26.6	N.A.	1.1
BM (30-60)	50.1	N.A.	2.1
BH (60-80)	24.9	N.A.	1.0
BVH(80-90)	9.1	N.A.	0.4
UL (90-100)	256.0	N.A.	10.7
UH (100-180)	826.1	N.A.	34.5
Total		2394.5	N.A. 100.0

BUG Rating B0-U4-G3



Mounting Height: 5 ft.

Grid Spacing: 4 ft.



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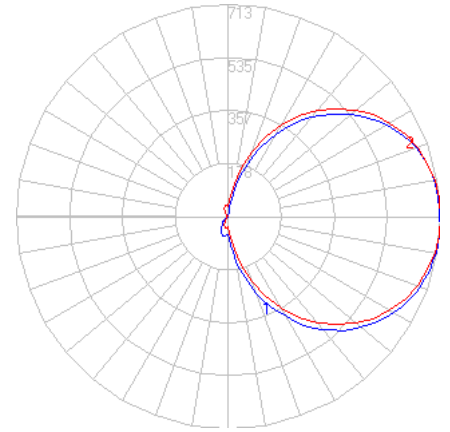
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BEGA

File: 24395K3_BEGA_IES.ies

TEST: BE_24395K4
TEST LAB: BEGA
DATE: 09/19/2019
LUMINAIRE: 24 395K3
LAMP: 23.9W LED



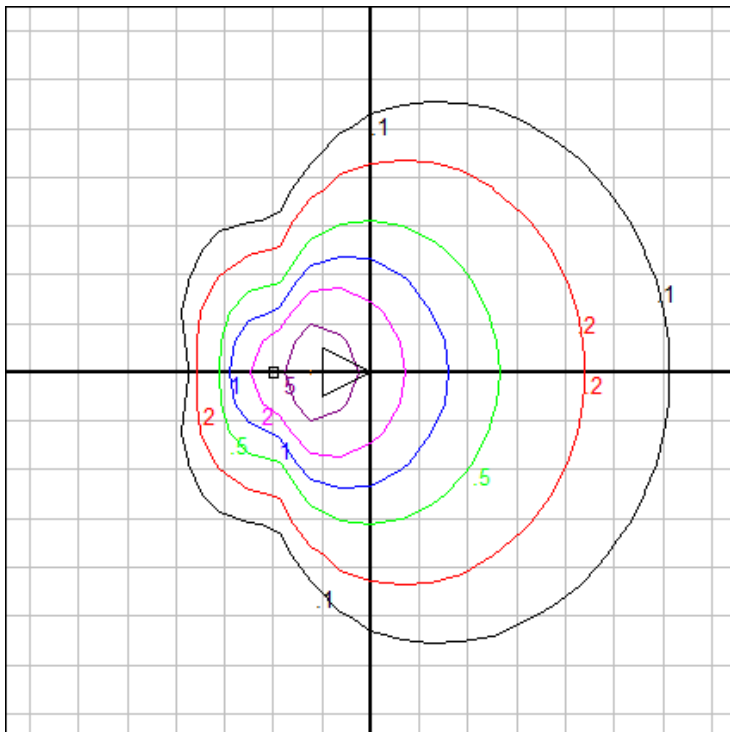
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2360
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	General Diffuse
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 ft
Luminous Width (90-270)	1.02 ft (Diameter)
Luminous Height	0.00 ft

Lum. Classification System (LCS)

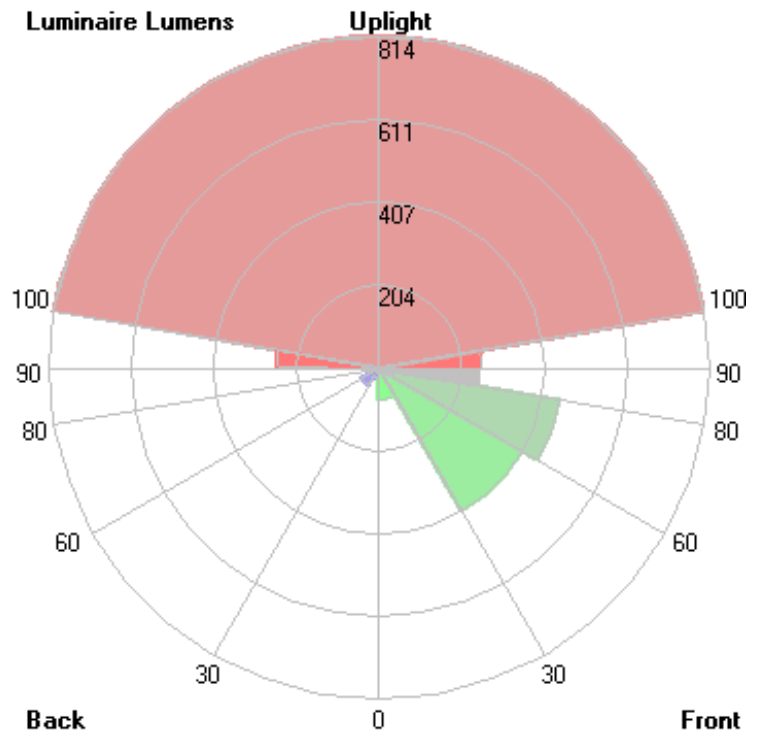
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	78.1	N.A.	3.3
FM (30-60)	405.6	N.A.	17.2
FH (60-80)	451.6	N.A.	19.1
FVH(80-90)	249.0	N.A.	10.6
BL (0-30)	26.2	N.A.	1.1
BM (30-60)	49.4	N.A.	2.1
BH (60-80)	24.5	N.A.	1.0
BVH(80-90)	9.0	N.A.	0.4
UL (90-100)	252.2	N.A.	10.7
UH (100-180)	814.1	N.A.	34.5
Total		2359.7	N.A. 100.0

BUG Rating B0-U4-G3



Mounting Height: 5 ft.

Grid Spacing: 4 ft.



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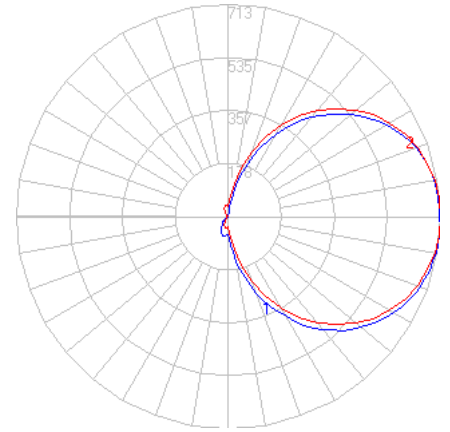
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File: 24395K27_BEGA_IES.ies

TEST: BE_24395K4
TEST LAB: BEGA
DATE: 09/19/2019
LUMINAIRE: 24 395K27
LAMP: 23.9W LED

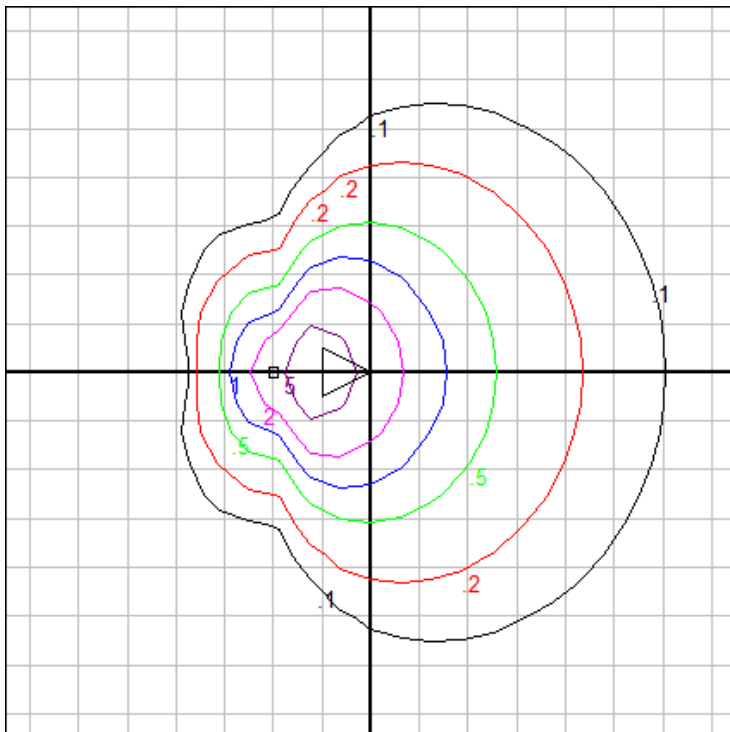


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2293
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	General Diffuse
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 ft
Luminous Width (90-270)	1.02 ft (Diameter)
Luminous Height	0.00 ft

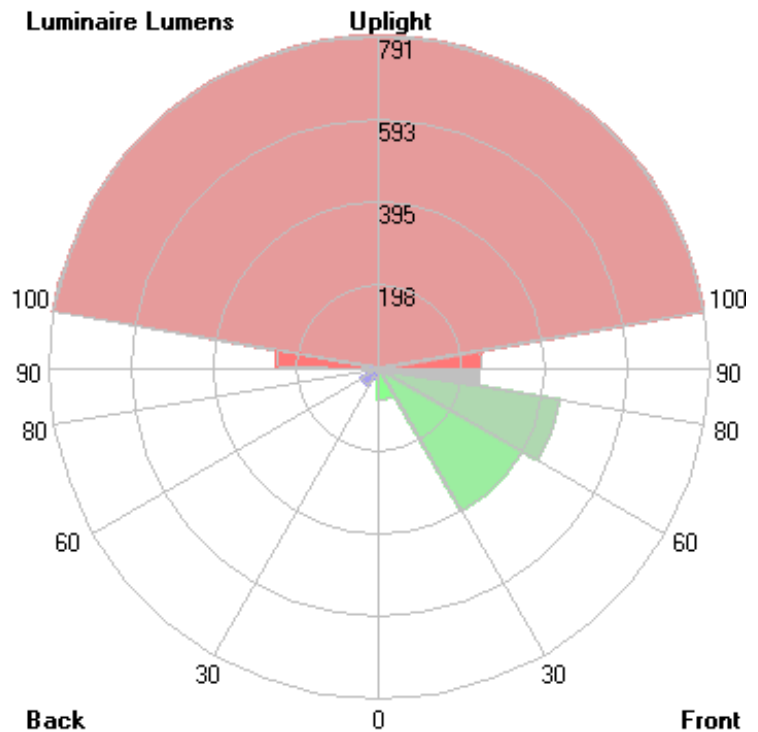
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	75.9	N.A.	3.3
FM (30-60)	394.1	N.A.	17.2
FH (60-80)	438.8	N.A.	19.1
FVH(80-90)	241.9	N.A.	10.6
BL (0-30)	25.4	N.A.	1.1
BM (30-60)	48.0	N.A.	2.1
BH (60-80)	23.8	N.A.	1.0
BVH(80-90)	8.7	N.A.	0.4
UL (90-100)	245.1	N.A.	10.7
UH (100-180)	791.0	N.A.	34.5
Total		2292.7	N.A. 100.0
BUG Rating B0-U4-G3			



Mounting Height: 5 ft.

Grid Spacing: 4 ft.



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