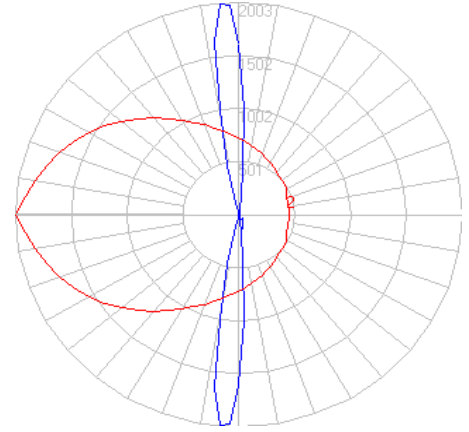


BEGA

File: 24127K4_BEGA_IES.ies

TEST: BE_24127K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24127K4
LAMP: 4.0W LED



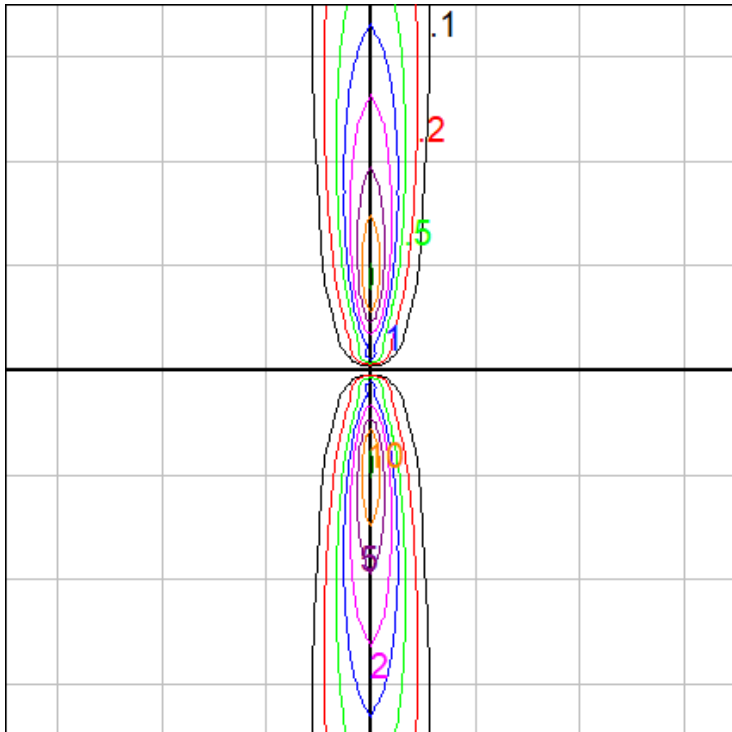
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	192
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	24
Total Luminaire Watts	8
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	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

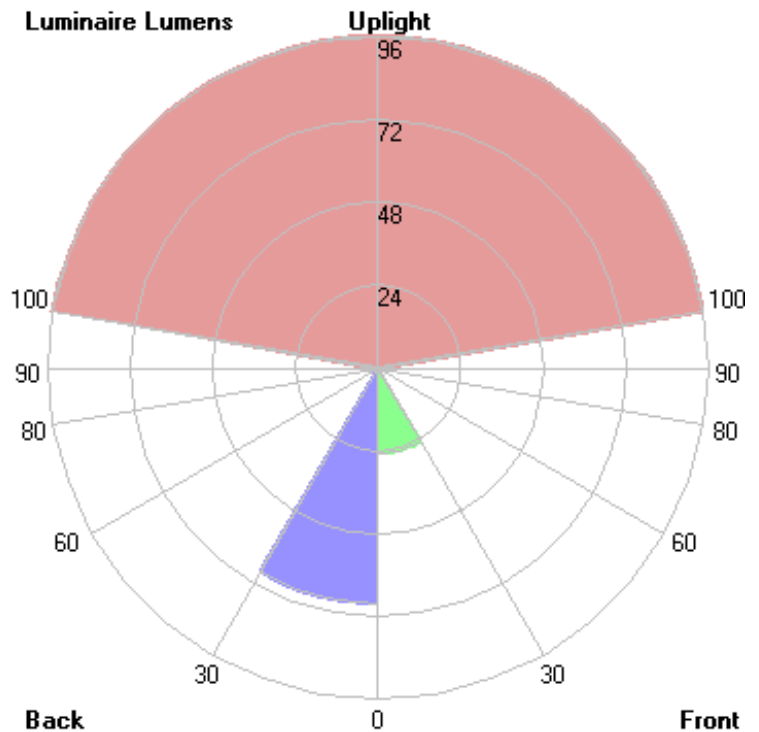
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	24.7	N.A.	12.9
FM (30-60)	1.3	N.A.	0.7
FH (60-80)	0.2	N.A.	0.1
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	68.2	N.A.	35.5
BM (30-60)	1.3	N.A.	0.7
BH (60-80)	0.2	N.A.	0.1
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	95.9	N.A.	50.0
Total	191.8	N.A.	100.0

BUG Rating **B0-U3-G0**



Grid Spacing: 3 ft.	Isofootcandle grid on wall
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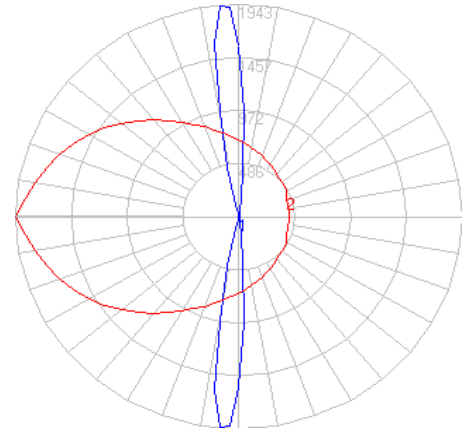


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24127K35_BEGA_IES.ies

TEST: BE_24127K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24127K35
LAMP: 4.0W LED



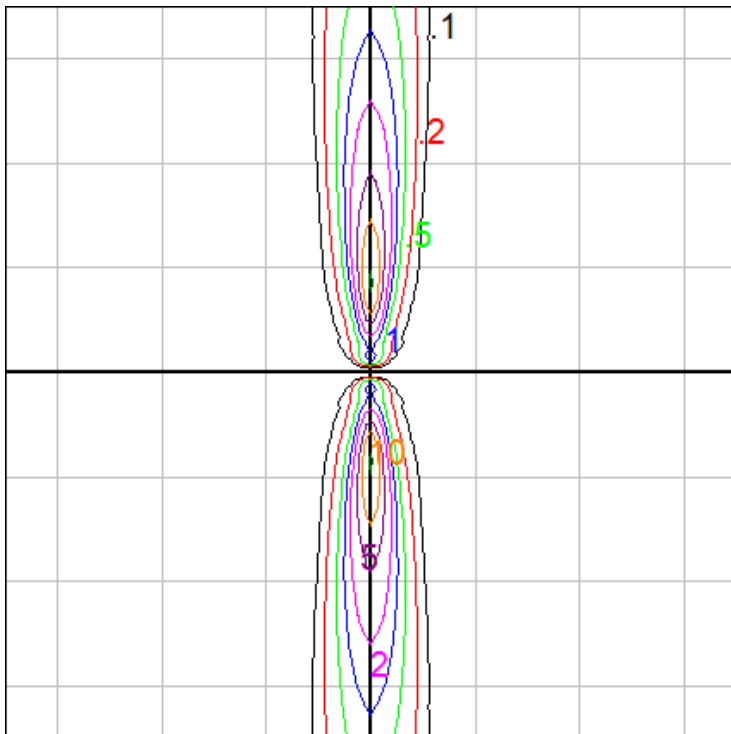
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	186
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	23
Total Luminaire Watts	8
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	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

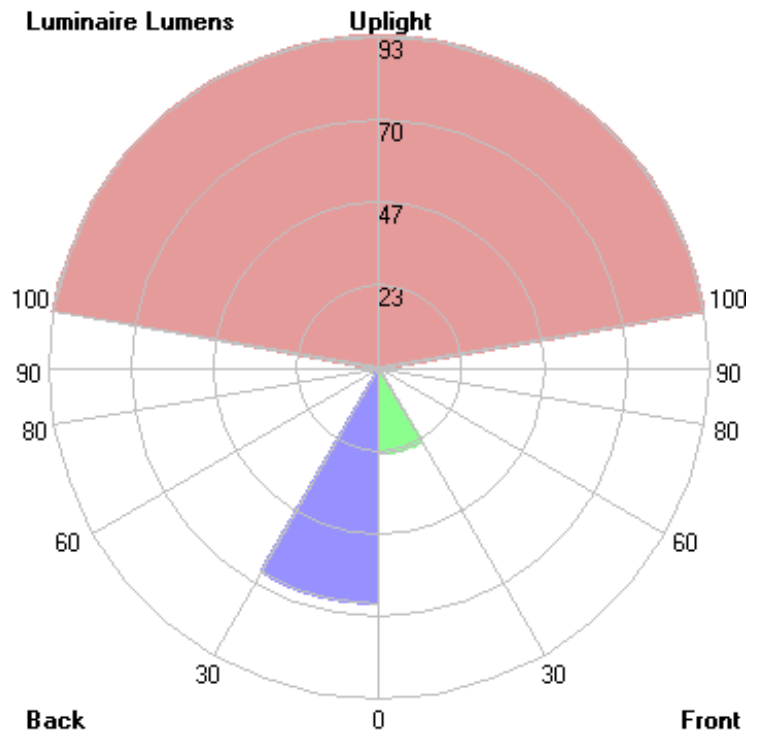
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	24.0	N.A.	12.9
FM (30-60)	1.3	N.A.	0.7
FH (60-80)	0.2	N.A.	0.1
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	66.1	N.A.	35.5
BM (30-60)	1.3	N.A.	0.7
BH (60-80)	0.2	N.A.	0.1
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	93.0	N.A.	50.0
Total	186.1	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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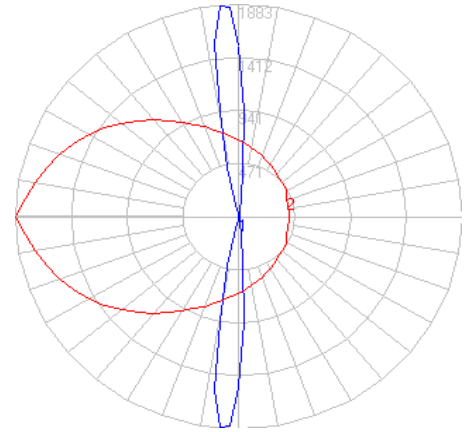
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BEGA

File: 24127K3_BEGA_IES.ies

TEST: BE_24127K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24127K3
LAMP: 4.0W LED



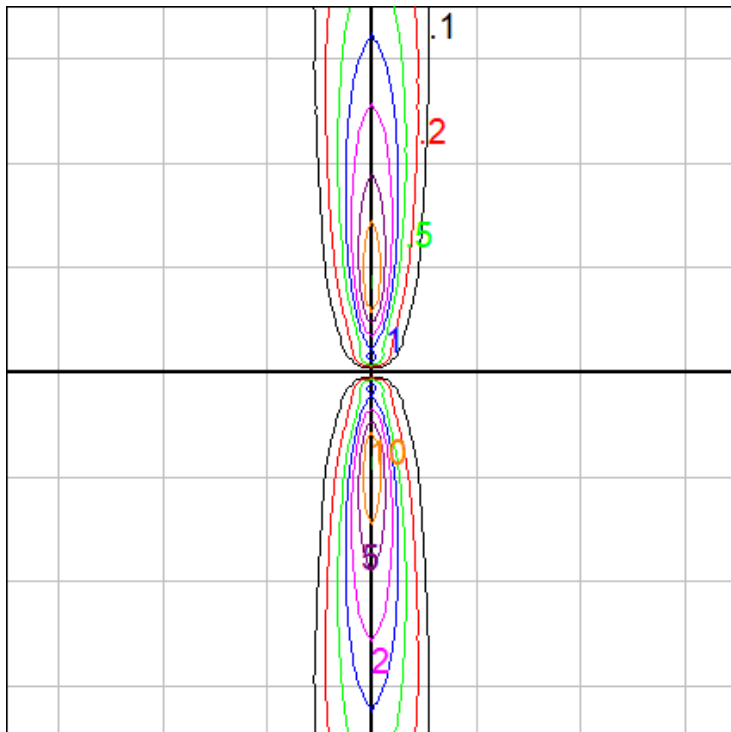
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	180
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	23
Total Luminaire Watts	8
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	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

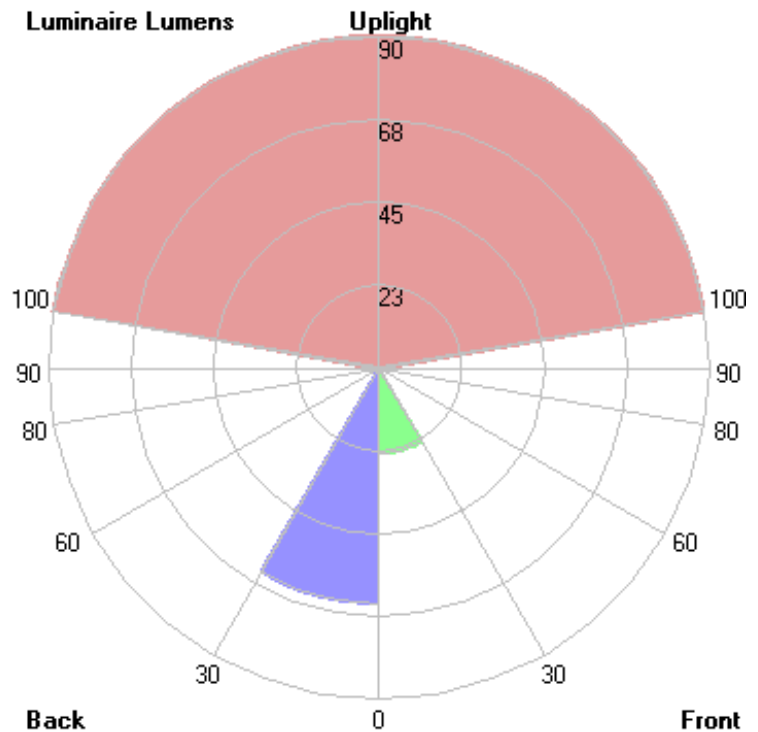
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	23.2	N.A.	12.9
FM (30-60)	1.2	N.A.	0.7
FH (60-80)	0.2	N.A.	0.1
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	64.1	N.A.	35.5
BM (30-60)	1.3	N.A.	0.7
BH (60-80)	0.2	N.A.	0.1
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	90.1	N.A.	50.0
Total	180.3	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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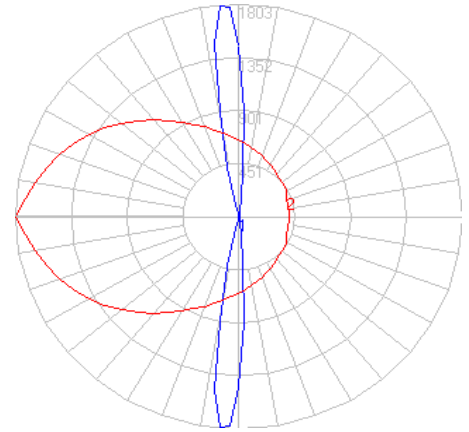
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BEGA

File: 24127K27_BEGA_IES.ies

TEST: BE_24127K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24127K27
LAMP: 4.0W LED



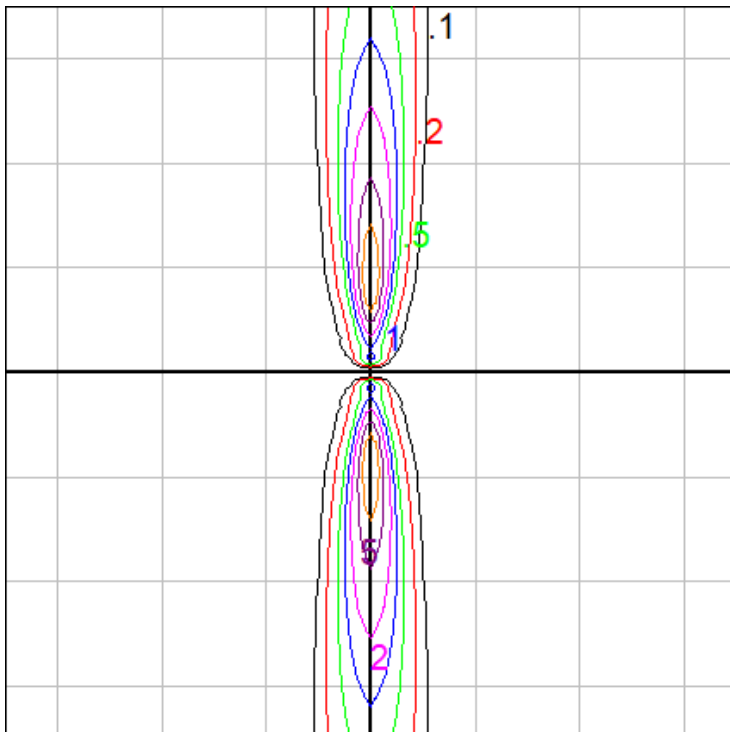
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	173
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	22
Total Luminaire Watts	8
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	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

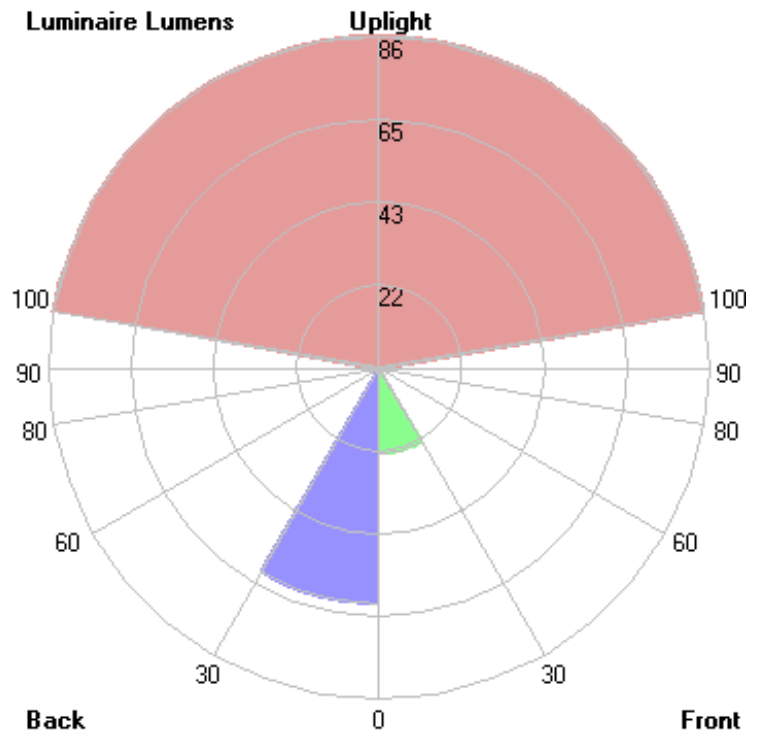
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	22.3	N.A.	12.9
FM (30-60)	1.2	N.A.	0.7
FH (60-80)	0.2	N.A.	0.1
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	61.4	N.A.	35.5
BM (30-60)	1.2	N.A.	0.7
BH (60-80)	0.2	N.A.	0.1
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	86.3	N.A.	49.9
Total	172.8	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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