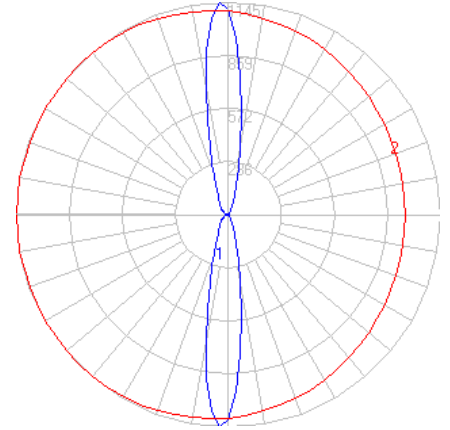


BEGA

File: 24719K4_BEGA_IES.ies

TEST: BE_24719K3
TEST LAB: BEGA
DATE: 11/02/2021
LUMINAIRE: 24 719K4
LAMP: 16W LED



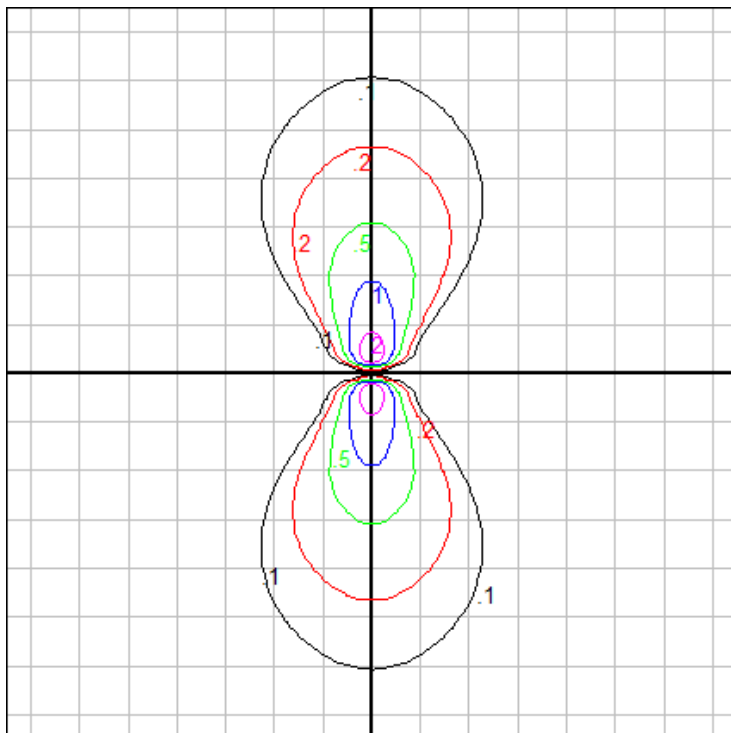
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	949
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	47
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1144.705 (180H, 177.5V)
Max. Cd. (<90 Vert.)	1144.705 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.406 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.014 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

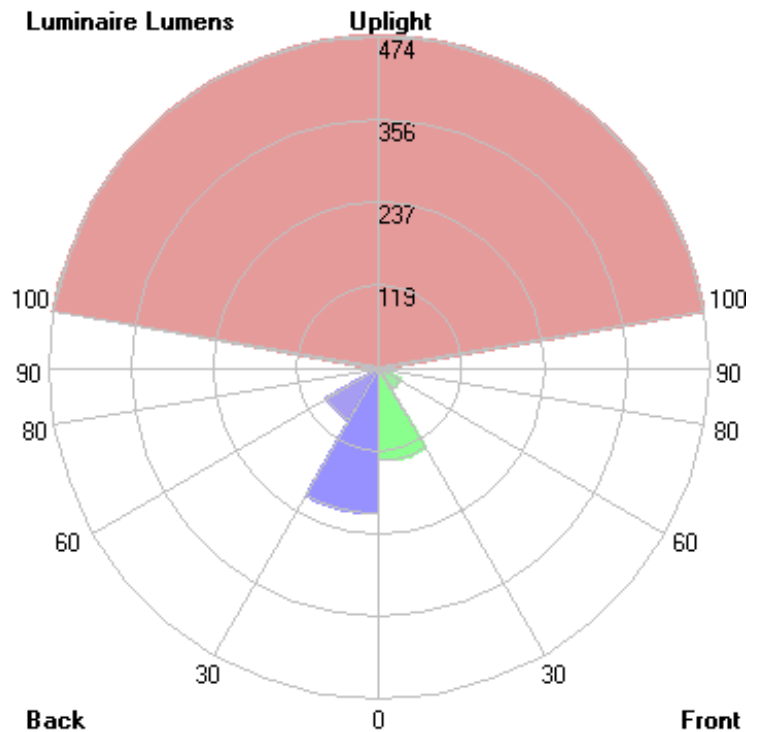
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	132.4	N.A.	14.0
FM (30-60)	34.9	N.A.	3.7
FH (60-80)	2.3	N.A.	0.2
FVH (80-90)	0.1	N.A.	0.0
BL (0-30)	209.2	N.A.	22.0
BM (30-60)	96.5	N.A.	9.1
BH (60-80)	8.8	N.A.	0.9
BVH (80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	474.1	N.A.	50.0
Total	948.6	N.A.	100.0

BUG Rating B1-U3-G0



Grid Spacing = 5 ft.
Isofootcandle grid on wall



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

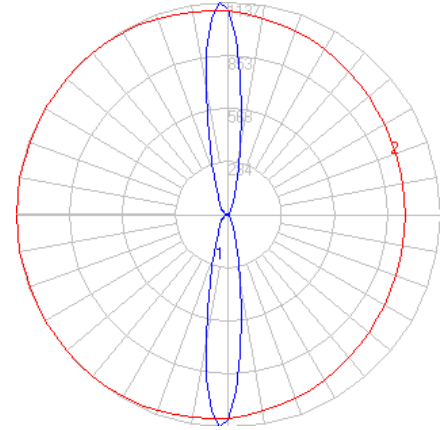
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BEGA

File: 24719K35_BEGA_IES.ies

TEST: BE_24719K3
TEST LAB: BEGA
DATE: 11/02/2021
LUMINAIRE: 24 719K35
LAMP: 16W LED



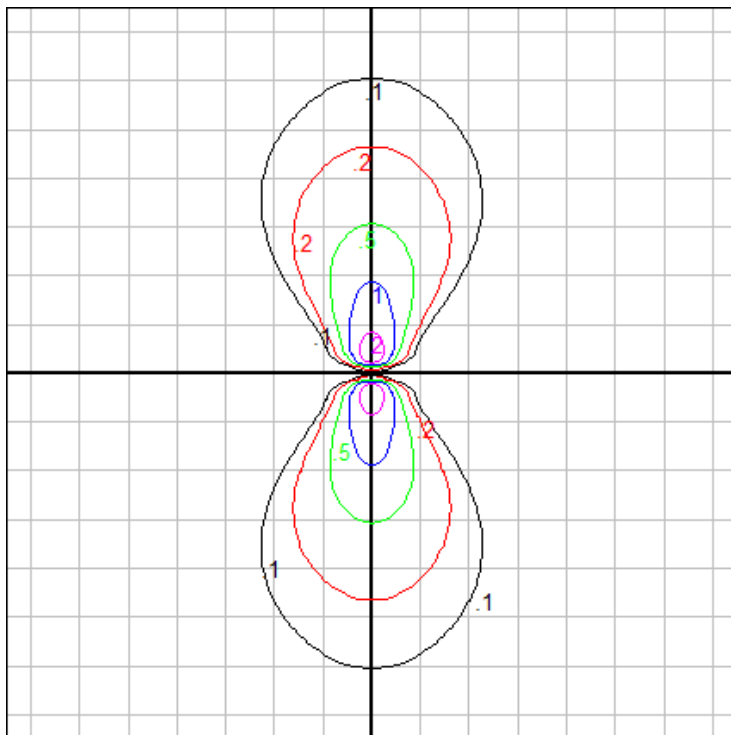
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	942
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	47
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1136.802 (180H, 177.5V)
Max. Cd. (<90 Vert.)	1136.802 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.403 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.007 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

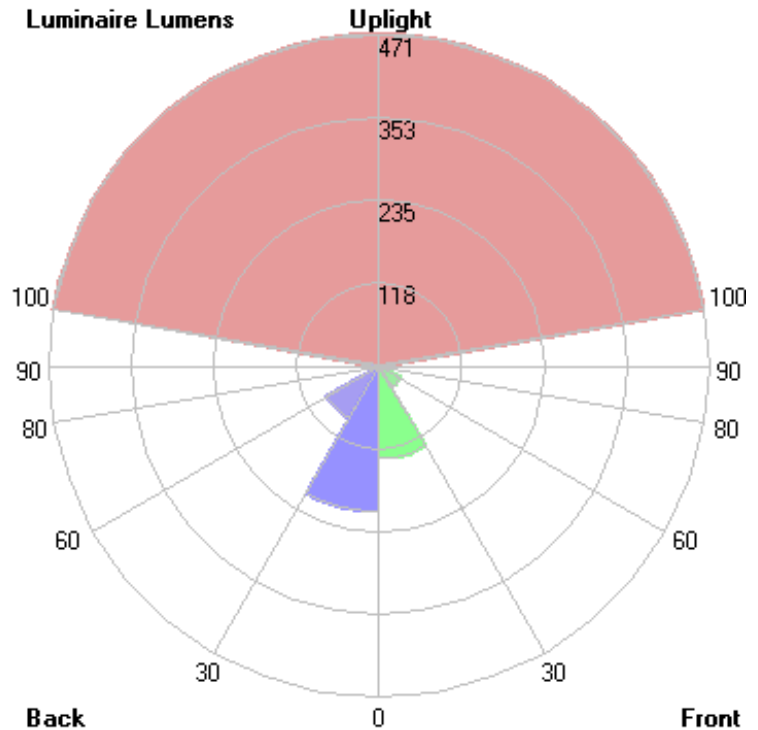
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	131.5	N.A.	14.0
FM (30-60)	34.7	N.A.	3.7
FH (60-80)	2.3	N.A.	0.2
FVH (80-90)	0.1	N.A.	0.0
BL (0-30)	207.7	N.A.	22.0
BM (30-60)	85.9	N.A.	9.1
BH (60-80)	8.7	N.A.	0.9
BVH (80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	470.8	N.A.	50.0
Total	942.0	N.A.	100.0

BUG Rating B1-U3-G0



Grid Spacing = 5 ft.
Isofootcandle grid on wall



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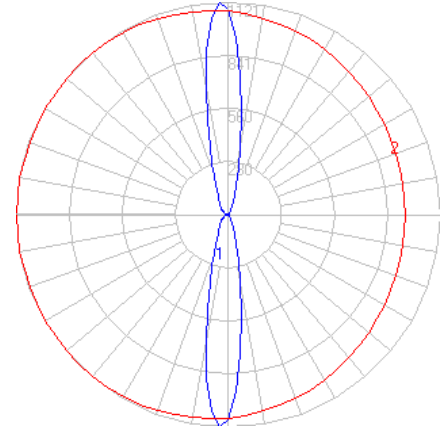
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File: 24719K27_BEGA_IES.ies

TEST: BE_24719K3
TEST LAB: BEGA
DATE: 11/02/2021
LUMINAIRE: 24 719K27
LAMP: 16W LED



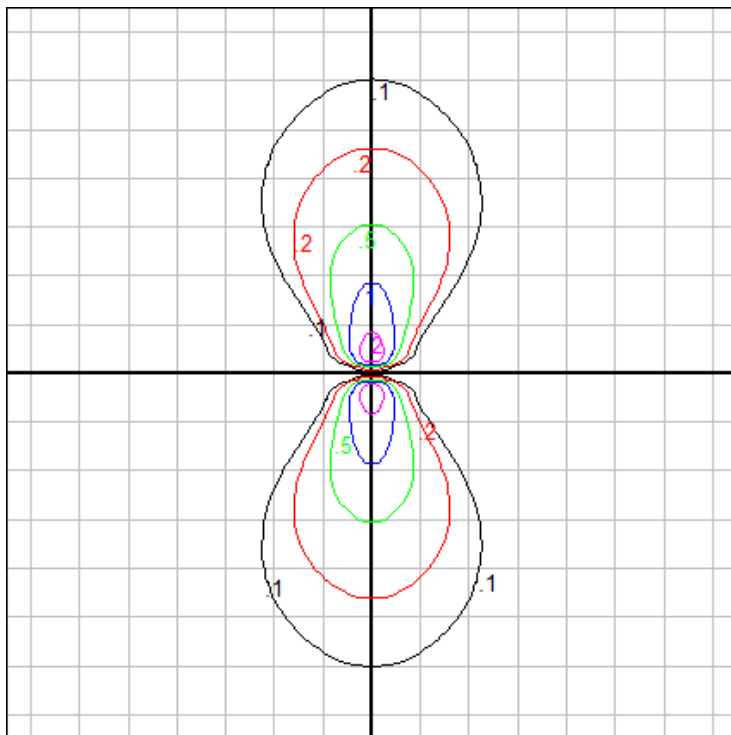
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	929
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1120.998 (180H, 177.5V)
Max. Cd. (<90 Vert.)	1120.998 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.397 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.993 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

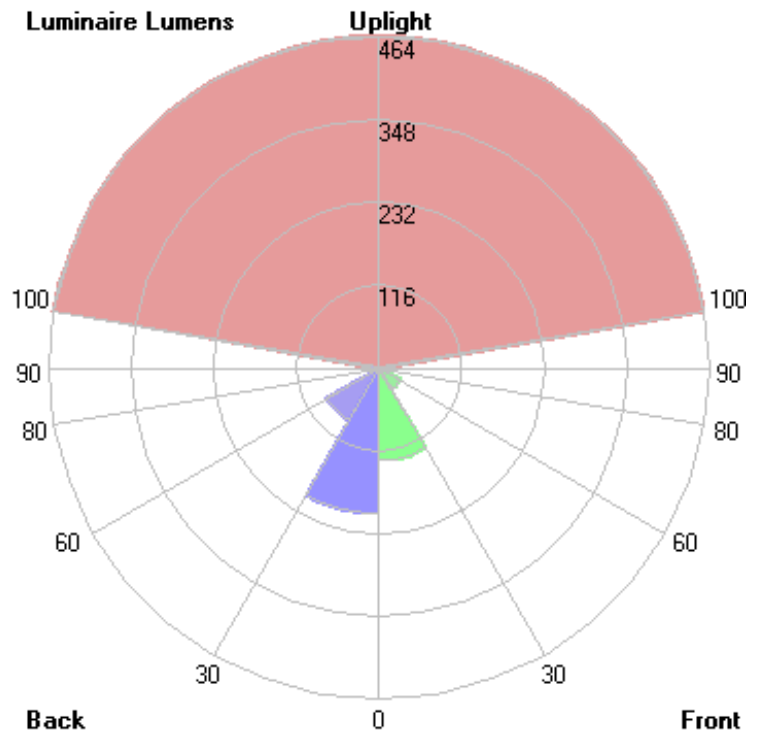
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	129.7	N.A.	14.0
FM (30-60)	34.2	N.A.	3.7
FH (60-80)	2.3	N.A.	0.2
FVH (80-90)	0.1	N.A.	0.0
BL (0-30)	204.8	N.A.	22.0
BM (30-60)	84.7	N.A.	9.1
BH (60-80)	8.6	N.A.	0.9
BVH (80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	464.3	N.A.	50.0
Total	929.0	N.A.	100.0

BUG Rating B1-U3-G0



Grid Spacing = 5 ft.

Isofootcandle grid on wall



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