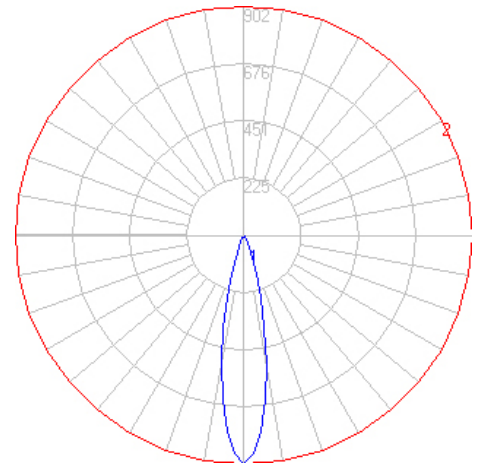


BEGA

File: 24724K4_BEGA_IES.ies

TEST: BE_24724K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 724K4
LAMP: 3.9W LED



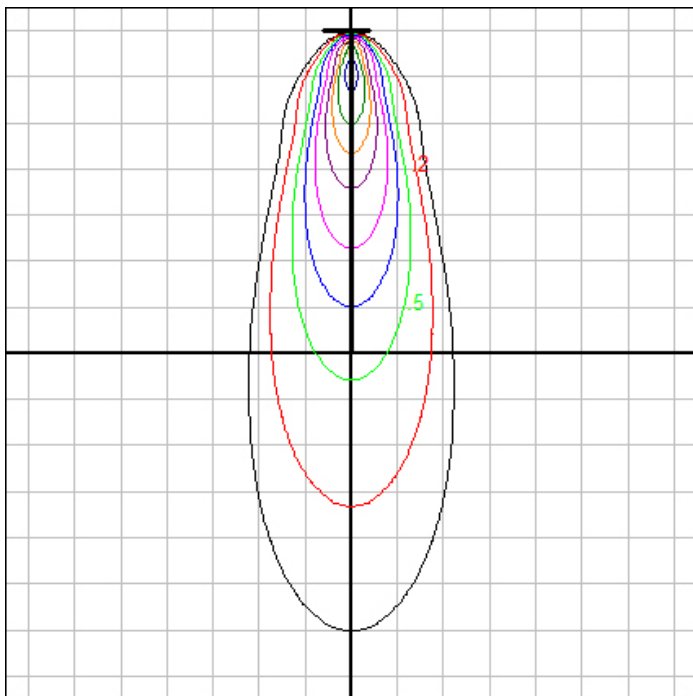
Characteristics

IES Classification	Type v
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	162
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	27
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.0
Max. Cd.	901.702 (0H,0V)
Max. Cd. (<90 Vert.)	901.702 (0H,0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

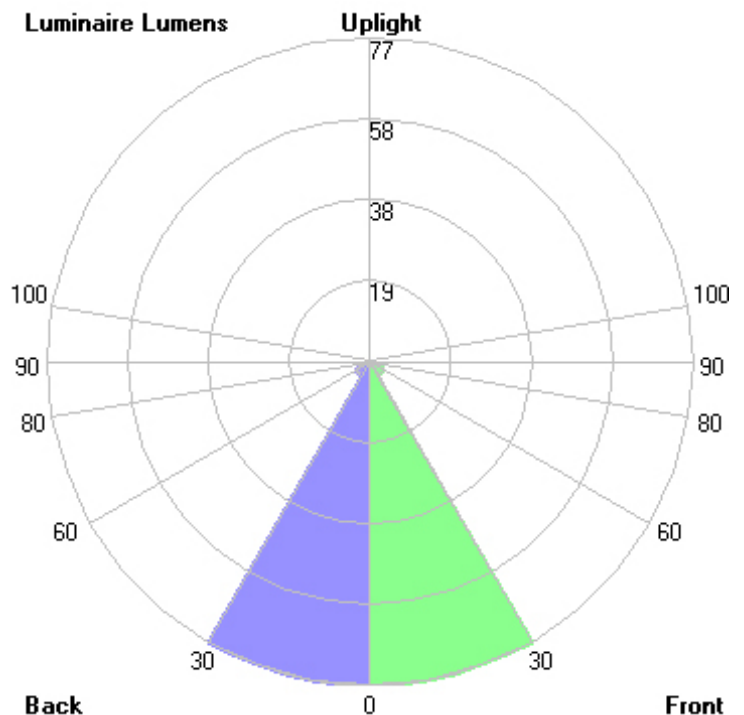
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	76.9	N.A.	47.6
FM (30-60)	3.8	N.A.	2.3
FH (60-80)	0.1	N.A.	0.1
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	76.9	N.A.	47.6
BM (30-60)	3.8	N.A.	2.3
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	161.6	N.A.	100.0

BUG Rating B0-U0-G0



Isofootcandle grid on wall

Grid Spacing: 1 ft.



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

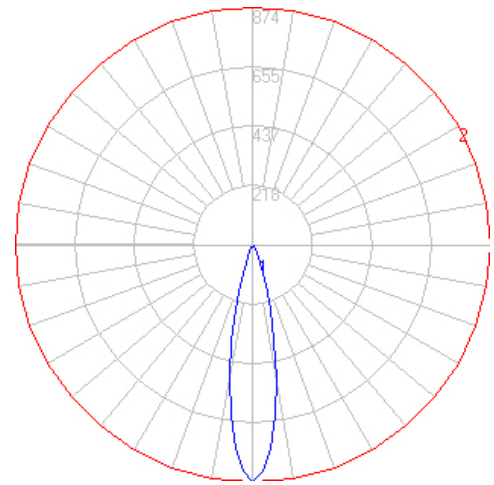
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BEGA

File: 24724K35_BEGA_IES.ies

TEST: BE_24724K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 724K35
LAMP: 3.9W LED



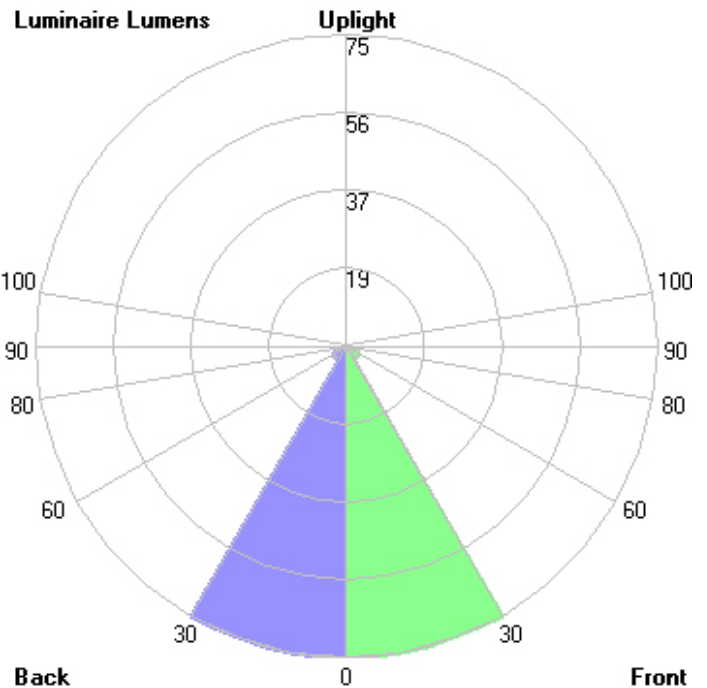
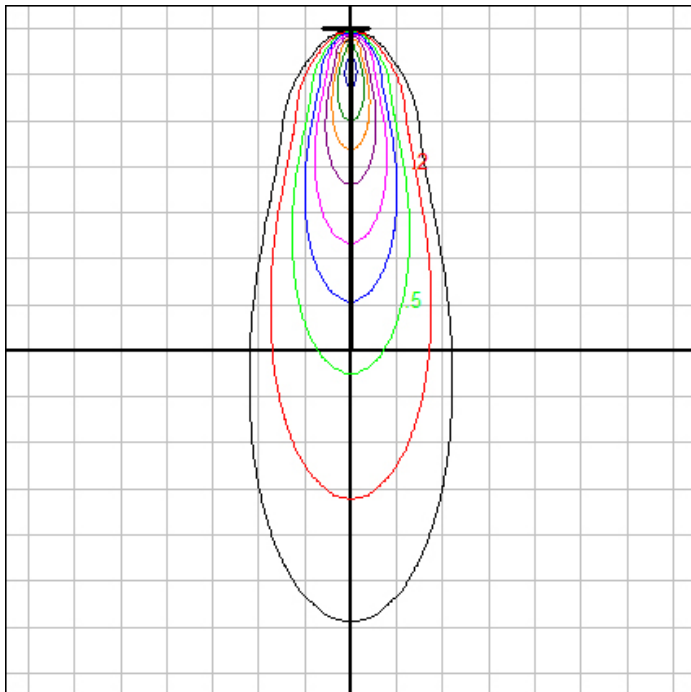
Characteristics

IES Classification	Type v
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	156
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	26
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	873.466 (0H,0V)
Max. Cd. (<90 Vert.)	873.466 (0H,0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	47.5	N.A.	47.6
FM (30-60)	3.6	N.A.	2.3
FH (60-80)	0.1	N.A.	0.1
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	74.5	N.A.	47.6
BM (30-60)	3.6	N.A.	2.3
BH (60-80)	0.1	N.A.	0.1
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	156.4	N.A.	100.0

BUG Rating B0-U0-G0



Isofootcandle grid on wall

Grid Spacing: 1 ft.

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

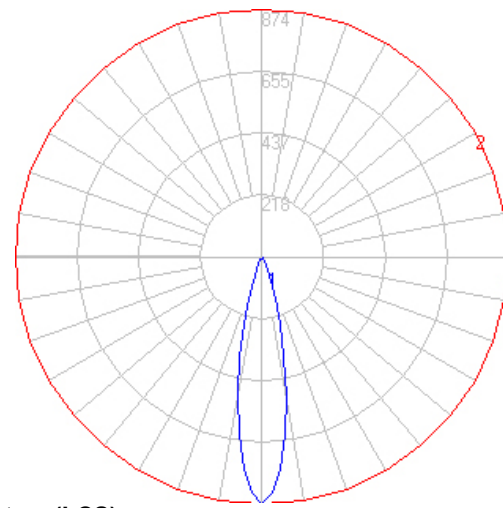
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BEGA

File: 24724K3_BEGA_IES.ies

TEST: BE_24724K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 724K3
LAMP: 3.9W LED



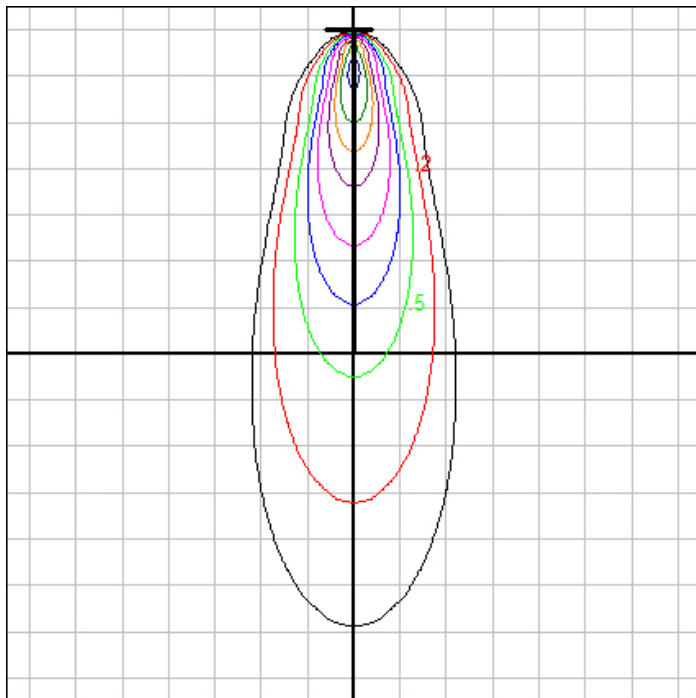
Characteristics

IES Classification	Type v
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	151
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	25
Total Luminaire Watts	5
Ballast Factor	1.00
Upward Waste Light Ratio	0.0
Max. Cd.	845.365 (0H,0V)
Max. Cd. (<90 Vert.)	845.365 (0H,0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	47.5	N.A.	47.6
FM (30-60)	3.6	N.A.	2.3
FH (60-80)	0.1	N.A.	0.1
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	74.5	N.A.	47.6
BM (30-60)	3.6	N.A.	2.3
BH (60-80)	0.1	N.A.	0.1
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	151.4	N.A.	100.0

BUG Rating B0-U0-G0

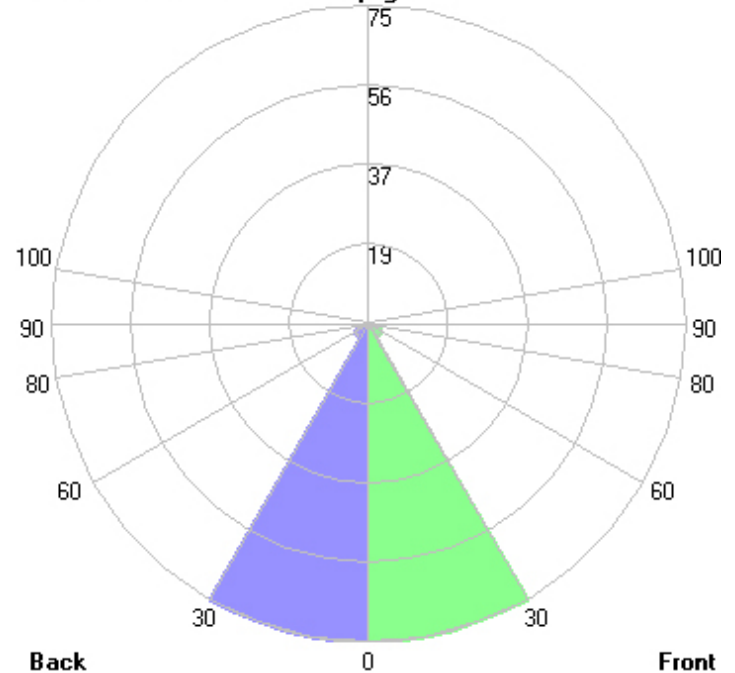


Isofootcandle grid on wall

Grid Spacing: 1 ft.

Luminaire Lumens

Uplight



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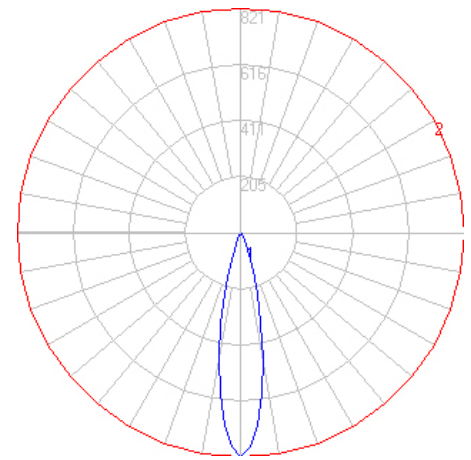
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BEGA

File: 24724K27_BEGA_IES.ies

TEST: BE_24724K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 724K27
LAMP: 3.9W LED



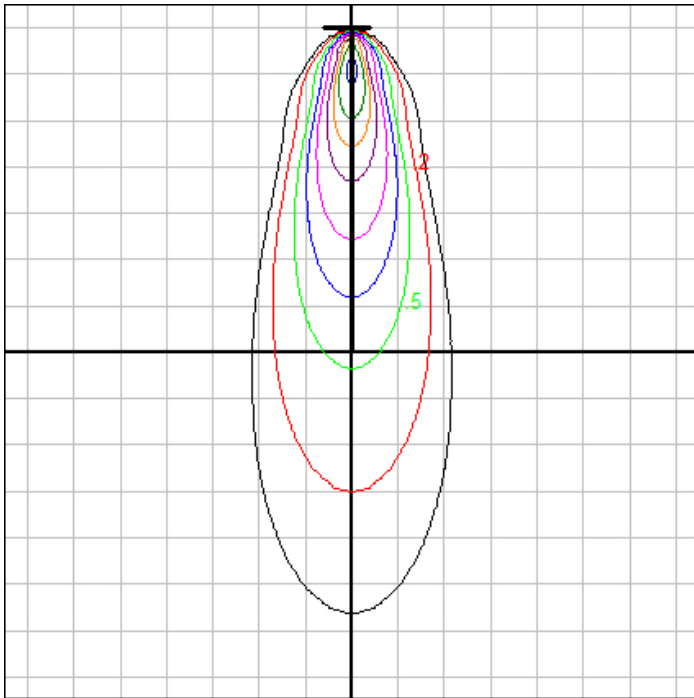
Characteristics

IES Classification	Type v
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	147
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	25
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	821.212 (0H,0V)
Max. Cd. (<90 Vert.)	821.212 (0H,0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

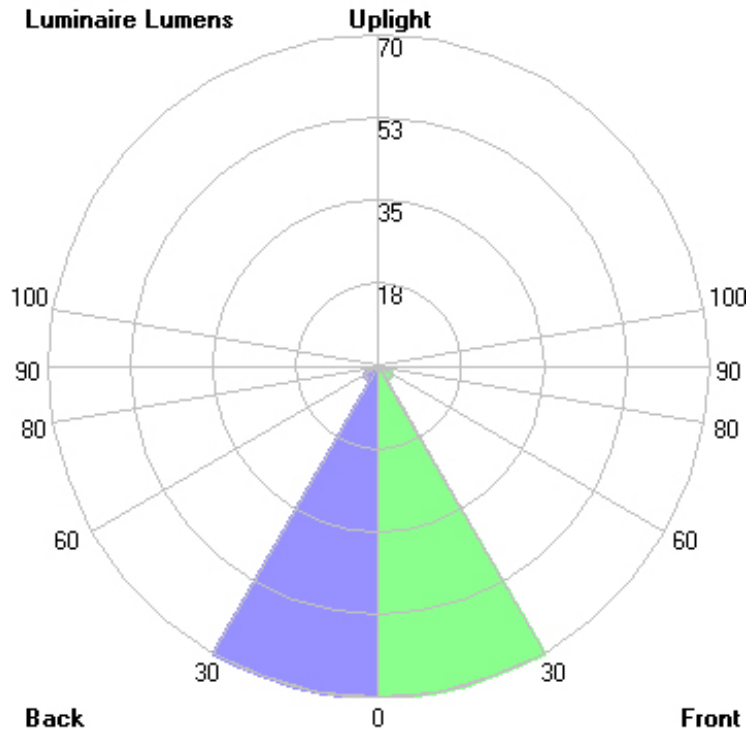
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	70.0	N.A.	47.6
FM (30-60)	3.4	N.A.	2.3
FH (60-80)	0.1	N.A.	0.1
FVH (80-90)	0.0	N.A.	0.0
BL (0-30)	70.0	N.A.	47.6
BM (30-60)	3.4	N.A.	0.1
BH (60-80)	0.1	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	147.0	N.A.	100.0

BUG Rating B0-U0-G0



Isofootcandle grid on wall

Grid Spacing: 1 ft.



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