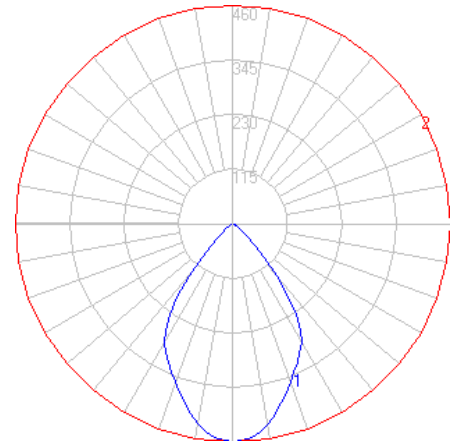


BEGA

File: 24727K4_BEGA_IES.ies

TEST: BE_24727K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 727K4
LAMP: 3.9W LED



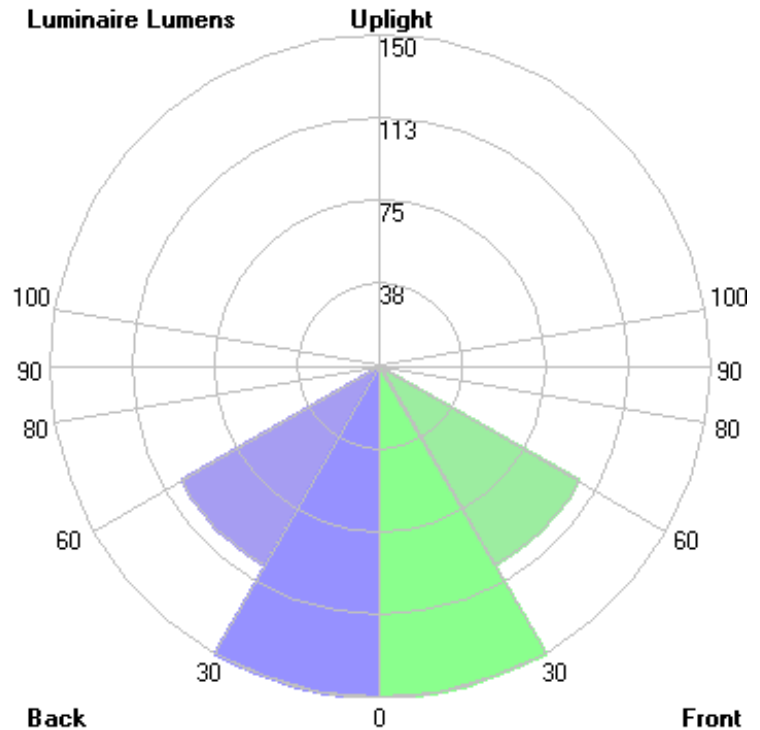
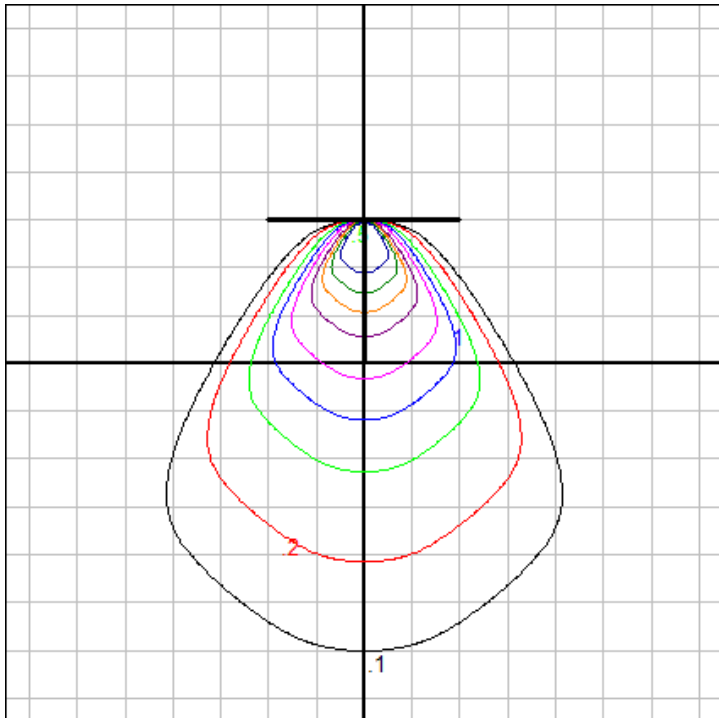
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	516
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	459.7 (0H, 0V)
Max. Cd. (<90 Vert.)	459.7 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.4 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	150.5	N.A.	29.2
FM (30-60)	104.7	N.A.	20.3
FH (60-80)	2.6	N.A.	0.5
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	150.5	N.A.	29.2
BM (30-60)	104.7	N.A.	20.3
BH (60-80)	2.6	N.A.	0.5
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	515.8	N.A.	100.0

BUG Rating B1-U0-G0



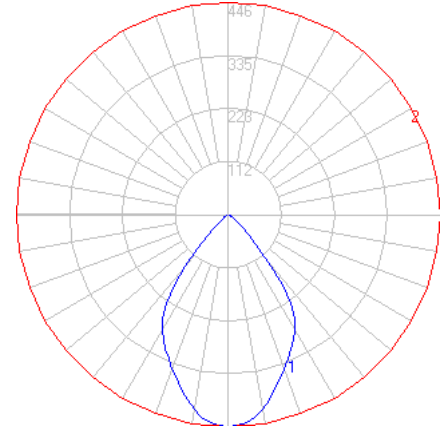
BEGA

File: 24727K35_BEGA_IES.ies

TEST: BE_24727K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 727K35
LAMP: 3.9W LED

Characteristics

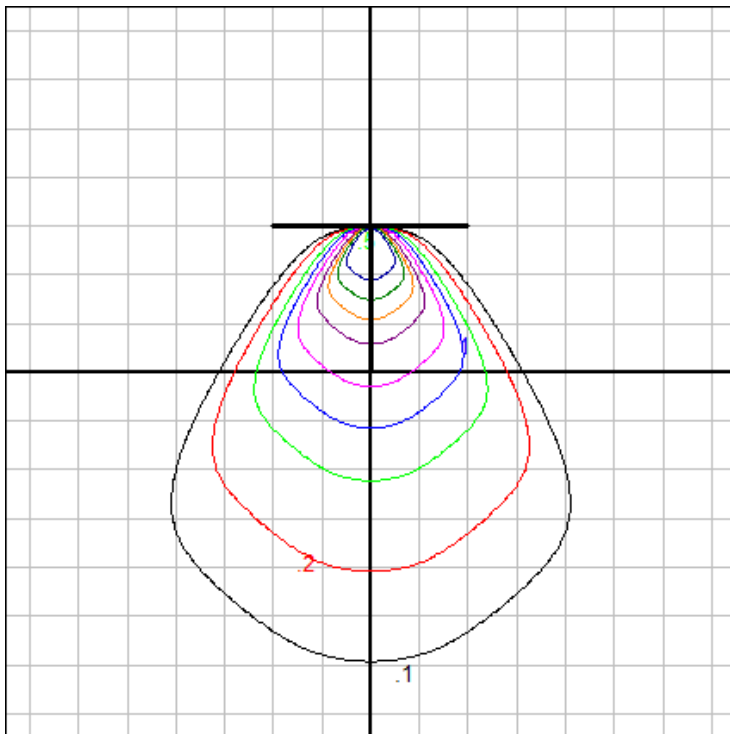
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	501
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	446.369 (0H, 0V)
Max. Cd. (<90 Vert.)	446.369 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.388 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



Lum. Classification System (LCS)

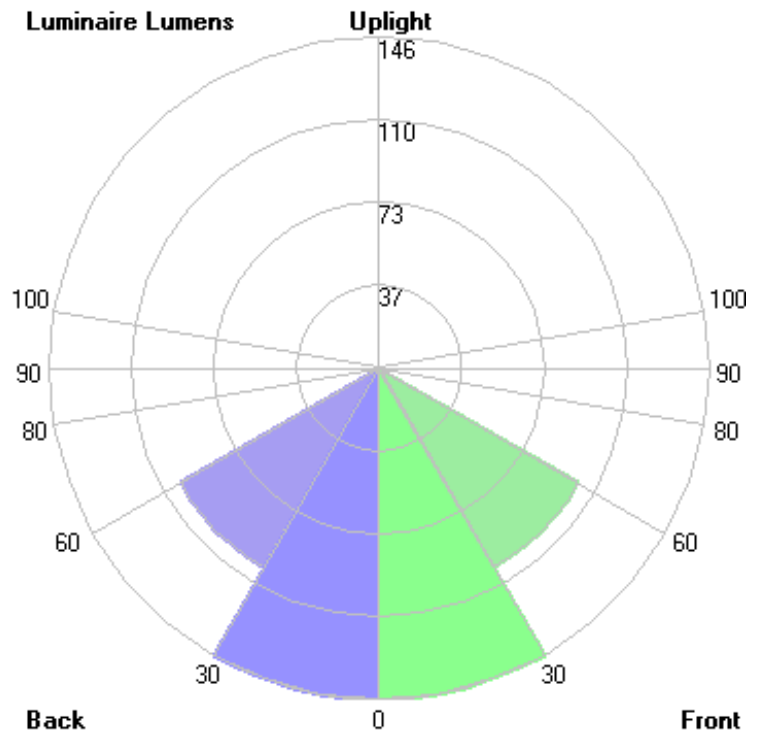
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	146.1	N.A.	29.2
FM (30-60)	101.6	N.A.	20.3
FH (60-80)	2.5	N.A.	0.5
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	146.1	N.A.	29.2
BM (30-60)	101.6	N.A.	20.3
BH (60-80)	2.5	N.A.	0.5
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	500.6	N.A.	100.0

BUG Rating B1-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.

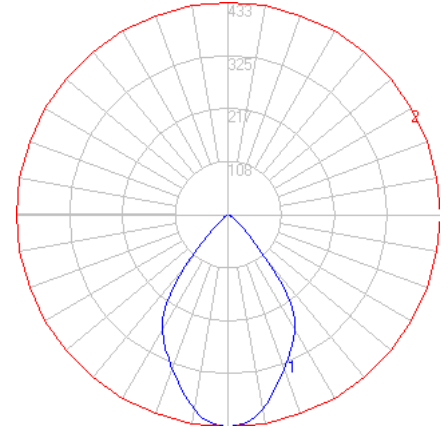
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BEGA

File: 24727K3_BEGA_IES.ies

TEST: BE_24727K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 727K3
LAMP: 3.9W LED



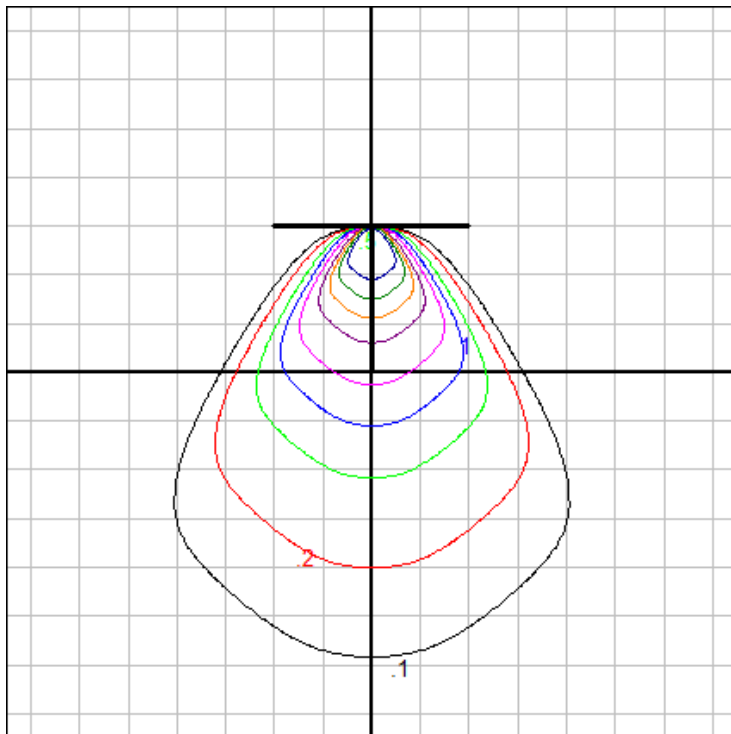
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	486
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	433.037 (0H, 0V)
Max. Cd. (<90 Vert.)	433.037 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.377 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

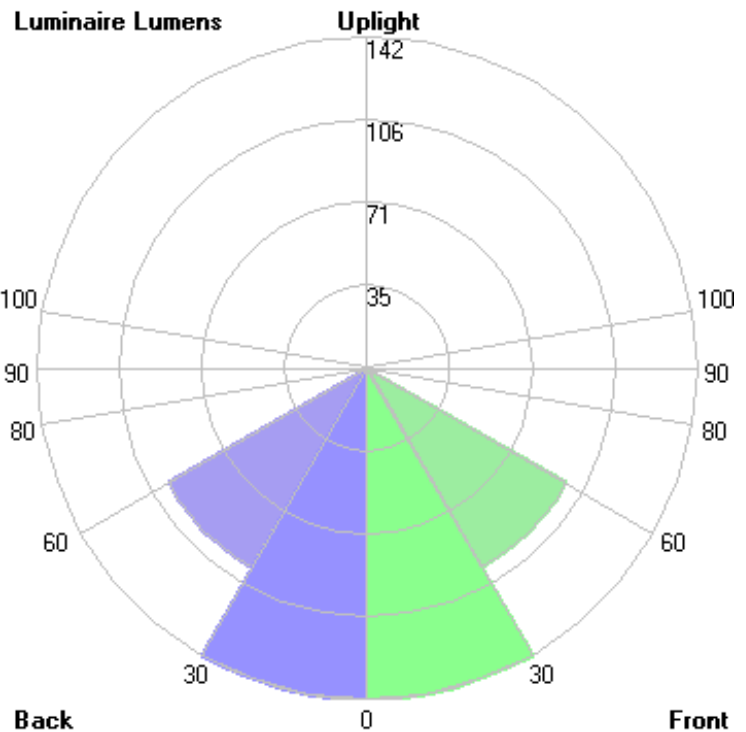
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	141.7	N.A.	29.2
FM (30-60)	98.6	N.A.	20.3
FH (60-80)	2.4	N.A.	0.5
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	141.7	N.A.	29.2
BM (30-60)	98.6	N.A.	20.3
BH (60-80)	2.4	N.A.	0.5
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	485.6	N.A.	100.0

BUG Rating B1-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.

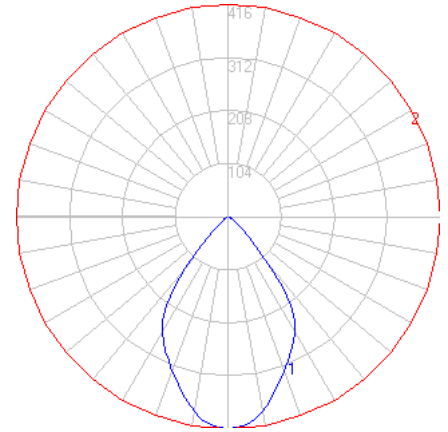
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BEGA

File: 24727K27_BEGA_IES.ies

TEST: BE_24727K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 727K27
LAMP: 3.6W LED



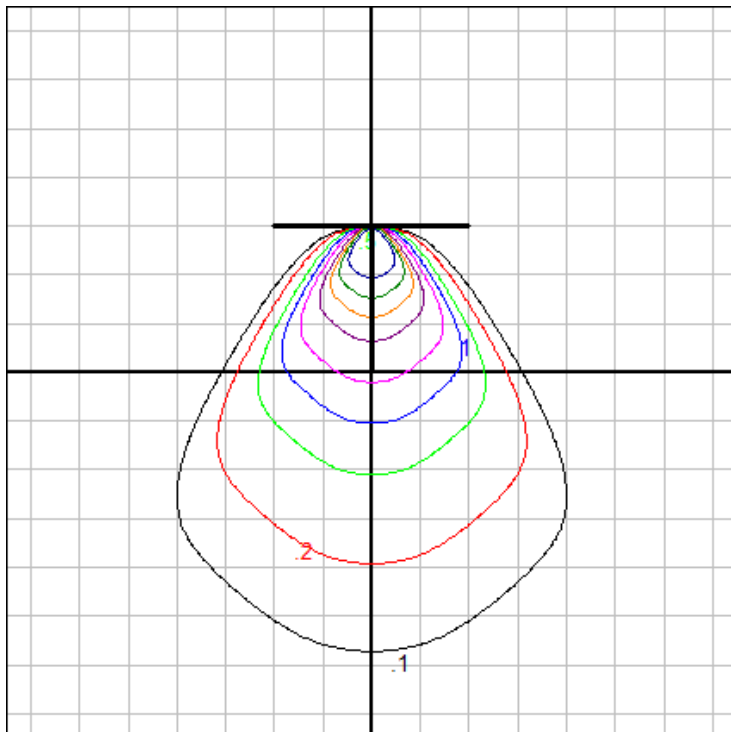
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	467
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	416.028 (0H, 0V)
Max. Cd. (<90 Vert.)	416.028 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.362 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

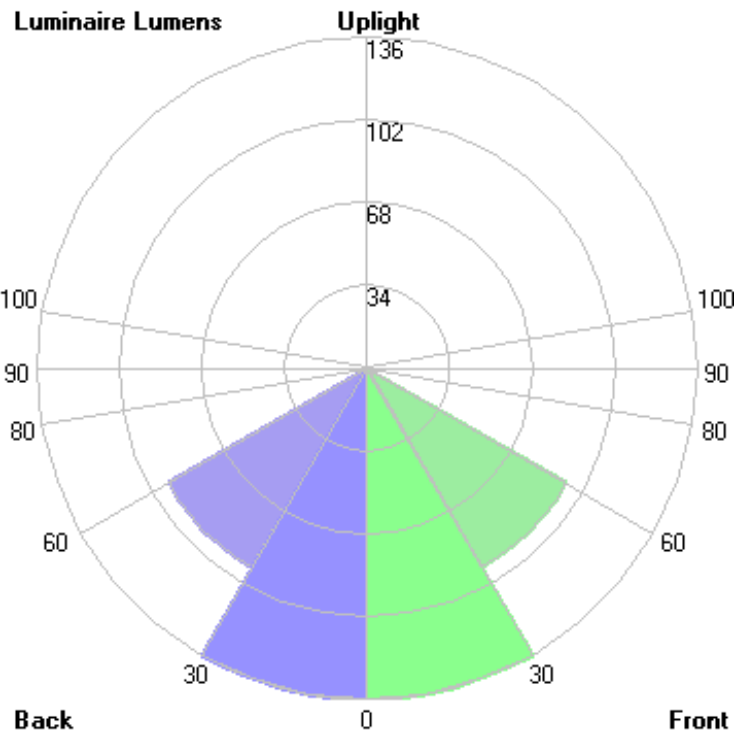
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	136.2	N.A.	29.2
FM (30-60)	94.7	N.A.	20.3
FH (60-80)	2.3	N.A.	0.5
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	136.2	N.A.	29.2
BM (30-60)	94.7	N.A.	20.3
BH (60-80)	2.3	N.A.	0.5
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	466.6	N.A.	100.0

BUG Rating B1-U0-G0



Isofootcandle grid on wall

Grid Spacing: 1.0 ft.



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