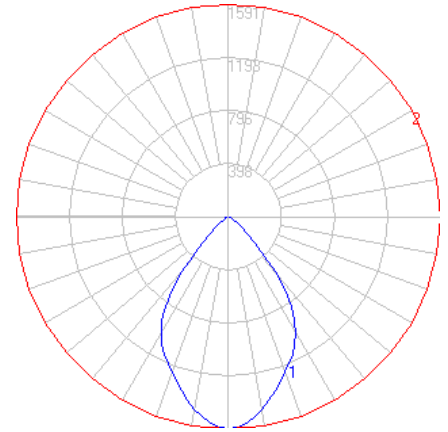


BEGA

File: 24738K4_BEGA_IES.ies

TEST: BE_24738K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 738K4
LAMP: 17.7W LED

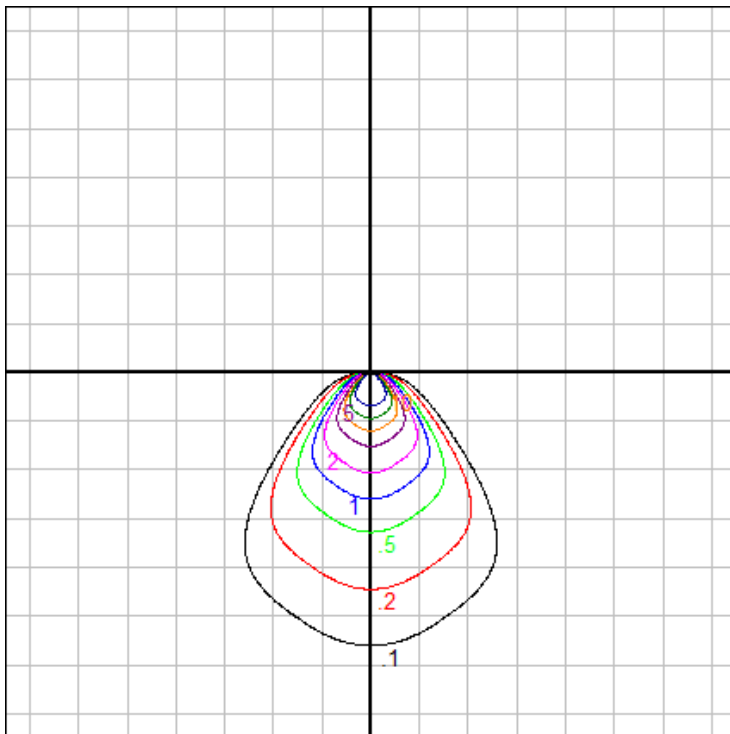


Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1852
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1591.272 (0H, 0V)
Max. Cd. (<90 Vert.)	1591.272 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.696 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

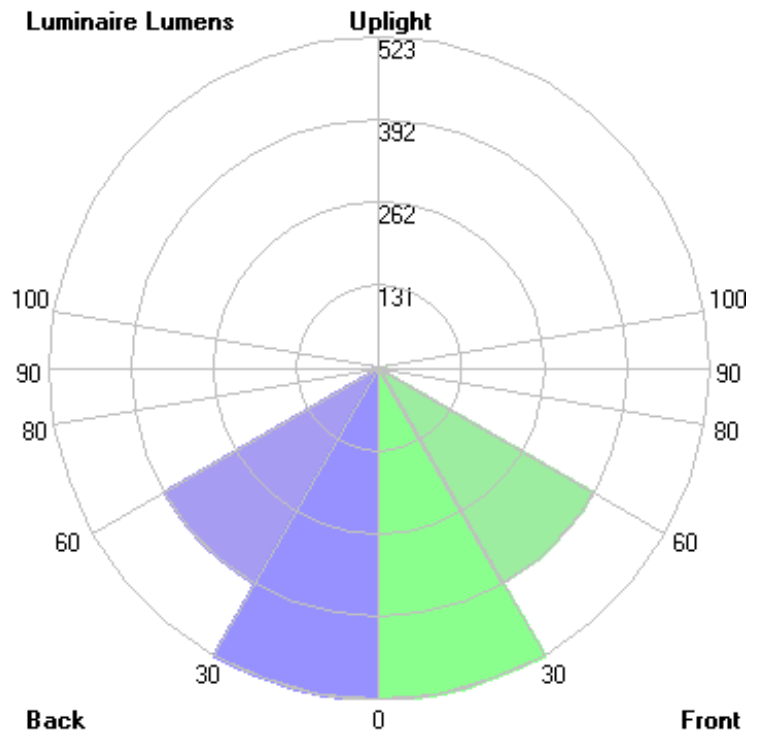
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	523.1	N.A.	28.2
FM (30-60)	392.0	N.A.	21.2
FH (60-80)	10.7	N.A.	0.6
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	523.1	N.A.	28.2
BM (30-60)	392.0	N.A.	21.2
BH (60-80)	10.7	N.A.	0.6
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0	N.A.	0.0
Total	1852.2	N.A.	100.0
BUG Rating	B2-U0-G0		



Isofootcandle grid on wall

Grid Spacing: 3 ft.



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

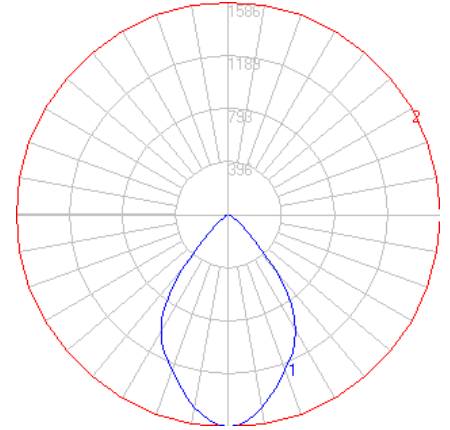
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BEGA

File: 24738K35_BEGA_IES.ies

TEST: BE_24738K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 738K35
LAMP: 17.7W LED



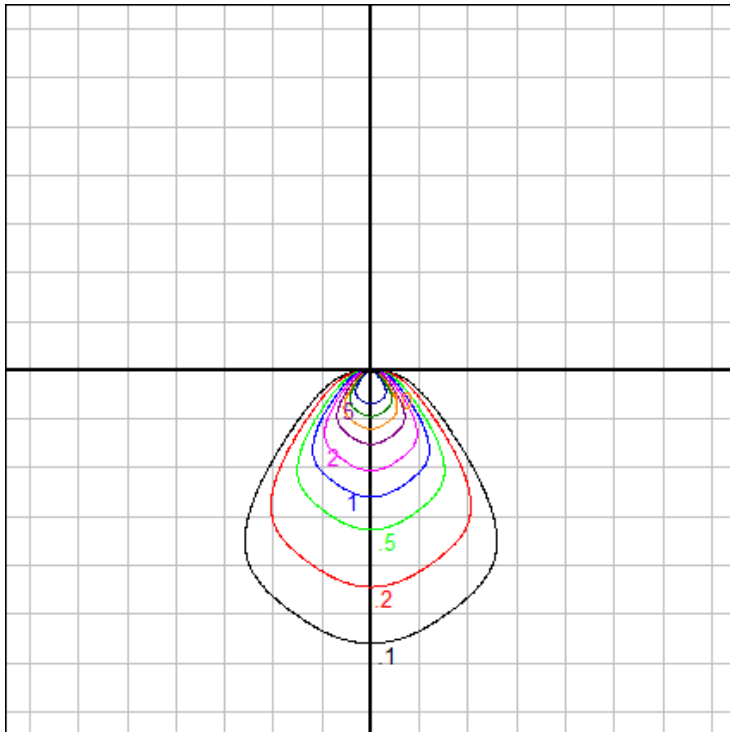
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1846
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1585.643 (0H, 0V)
Max. Cd. (<90 Vert.)	1585.643 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.69 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	521.3	N.A.	28.2
FM (30-60)	390.7	N.A.	21.2
FH (60-80)	10.6	N.A.	0.6
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	521.3	N.A.	28.2
BM (30-60)	390.7	N.A.	21.2
BH (60-80)	10.6	N.A.	0.6
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0	N.A.	0.0
Total	1845.8	N.A.	100.0

BUG Rating B2-U0-G0

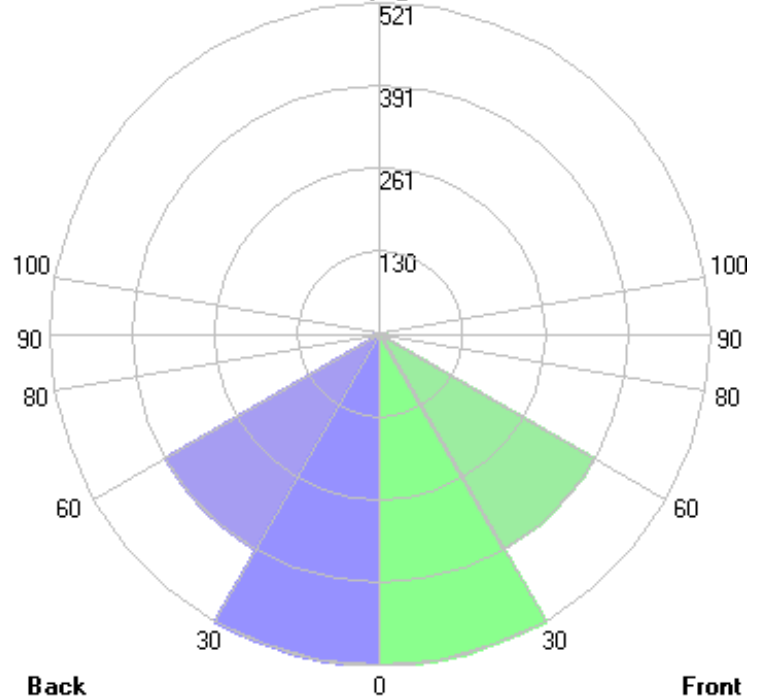


Isofootcandle grid on wall

Grid Spacing: 3 ft.

Luminaire Lumens

Uplight



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

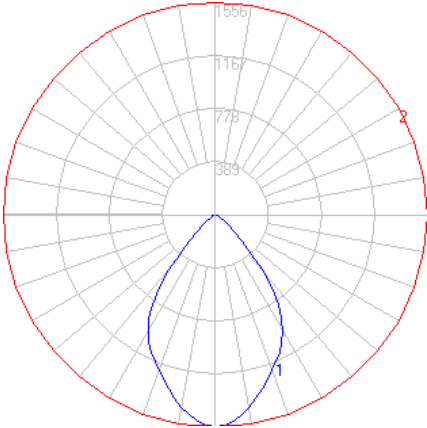
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BEGA

File: 24738K3_BEGA_IES.ies

TEST: BE_24738K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 738K3
LAMP: 17.7W LED



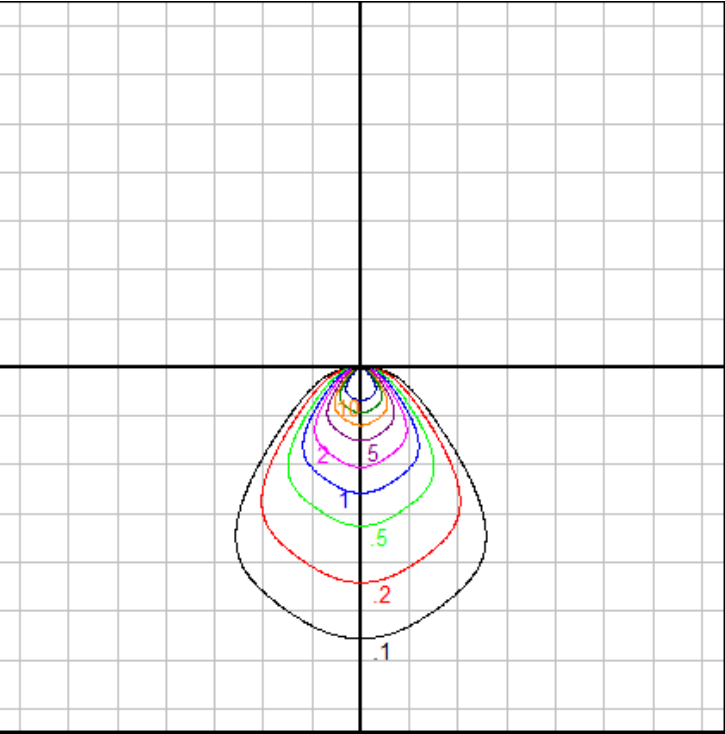
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1811
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1555.618 (0H, 0V)
Max. Cd. (<90 Vert.)	1555.618 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.658 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

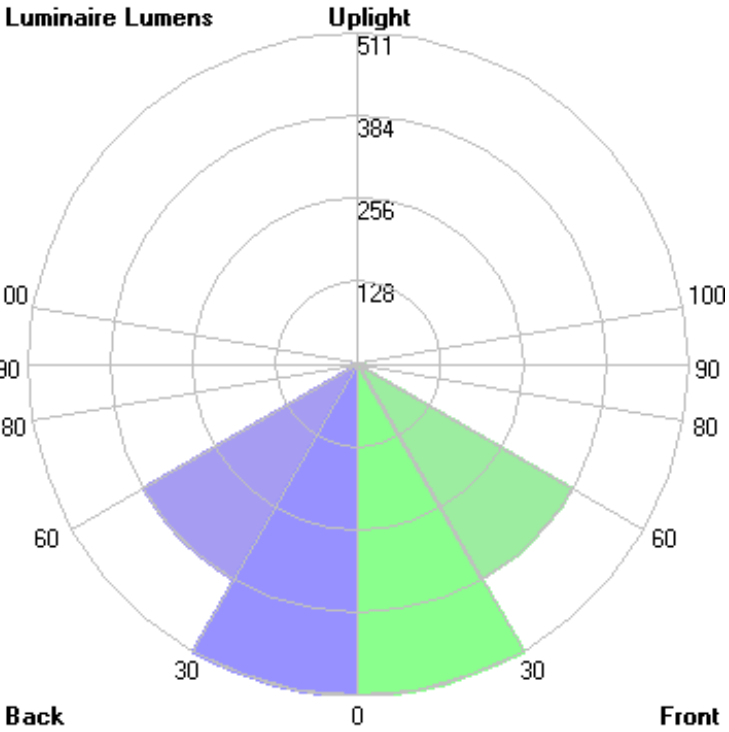
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	511.4	N.A.	28.2
FM (30-60)	383.3	N.A.	21.2
FH (60-80)	10.4	N.A.	0.6
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	511.4	N.A.	28.2
BM (30-60)	383.3	N.A.	21.2
BH (60-80)	10.4	N.A.	0.6
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0	N.A.	0.0
Total	1810.8	N.A.	100.0

BUG Rating B2-U0-G0



Isofootcandle grid on wall Grid Spacing: 3 ft.



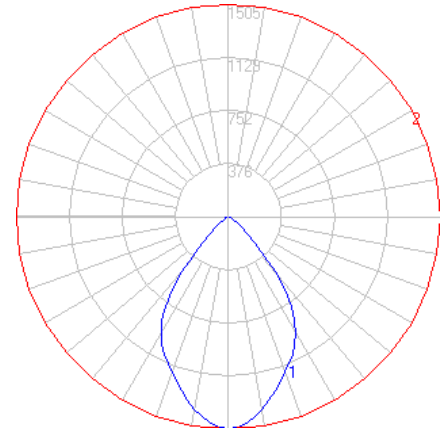
BEGA

File: 24738K27_BEGA_IES.ies

TEST: BE_24738K4
TEST LAB: BEGA
DATE: 03/25/2022
LUMINAIRE: 24 738K27
LAMP: 17.7W LED

Characteristics

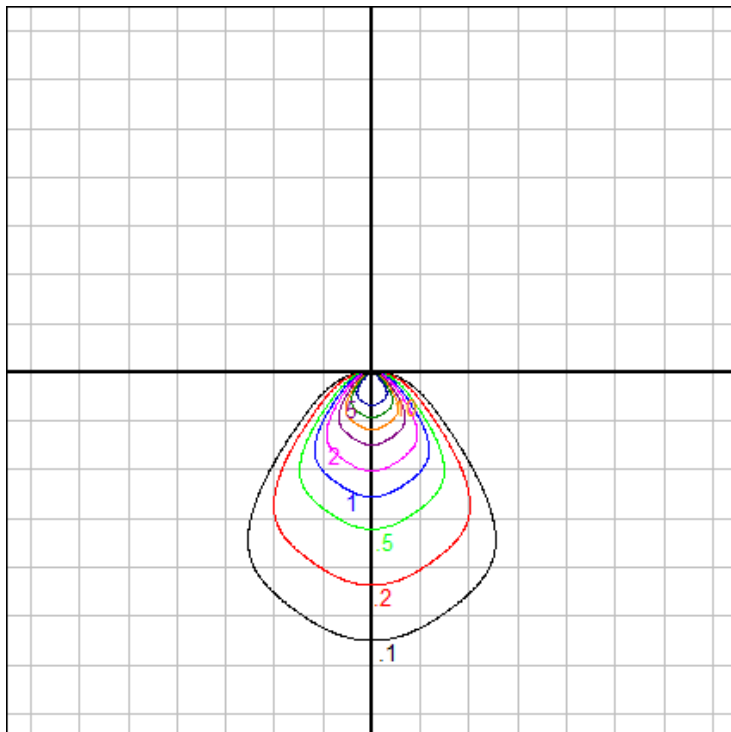
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1752
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1504.953 (0H, 0V)
Max. Cd. (<90 Vert.)	1504.953 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.604 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



Lum. Classification System (LCS)

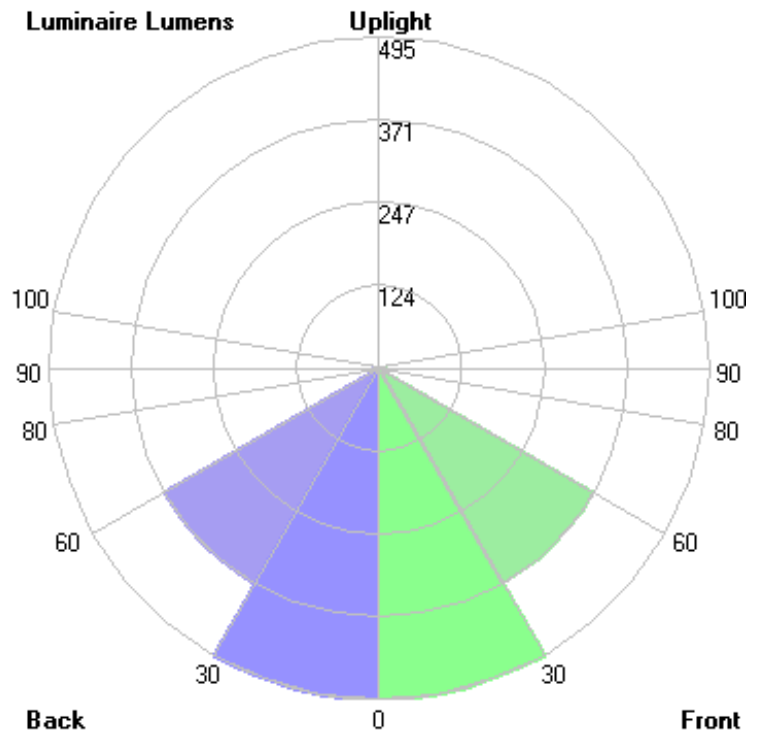
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	494.7	N.A.	28.2
FM (30-60)	370.8	N.A.	21.2
FH (60-80)	10.1	N.A.	0.6
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	494.7	N.A.	28.2
BM (30-60)	370.8	N.A.	21.2
BH (60-80)	10.1	N.A.	0.6
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0	N.A.	0.0
Total	1751.8	N.A.	100.0

BUG Rating B1-U0-G0



Isofootcandle grid on wall

Grid Spacing: 3 ft.



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