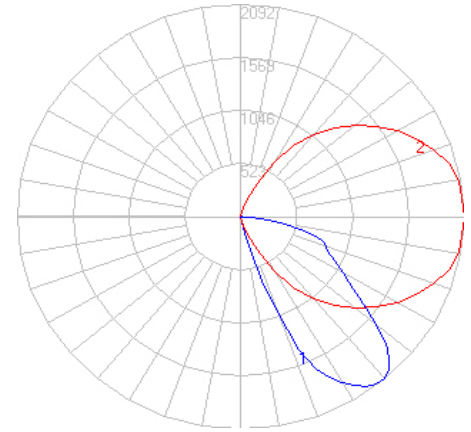
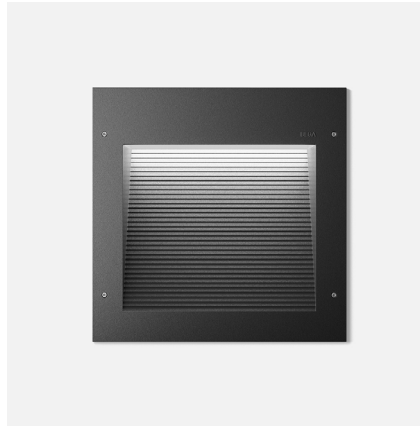


BEGA

File: 24573K4_BEGA_IES.ies

TEST: BE_24573K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 573K4
LAMP: 20W LED



Characteristics

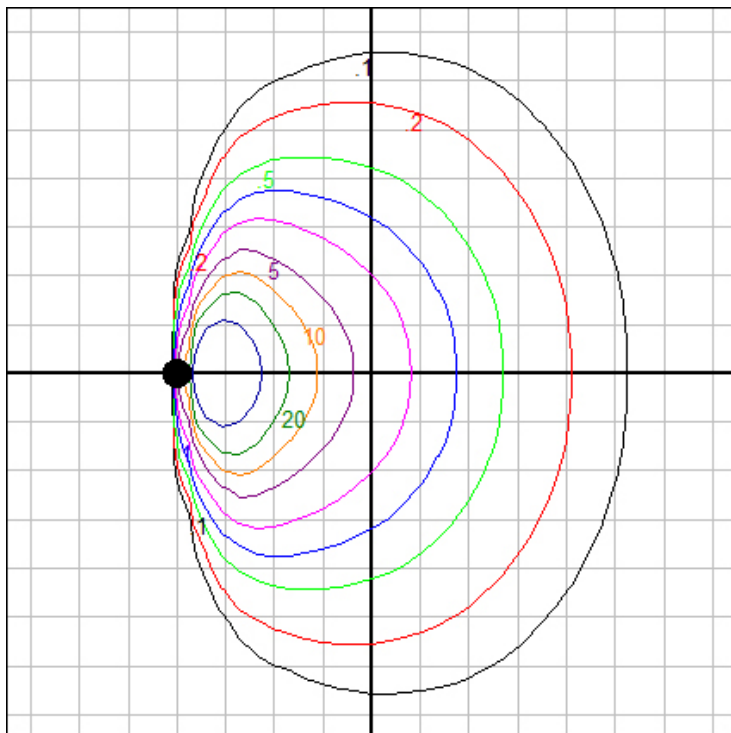
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1852
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	2091.8 (0H, 40V)
Max. Cd. (<90 Vert.)	2091.8 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	13.8 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	380.4 (20.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

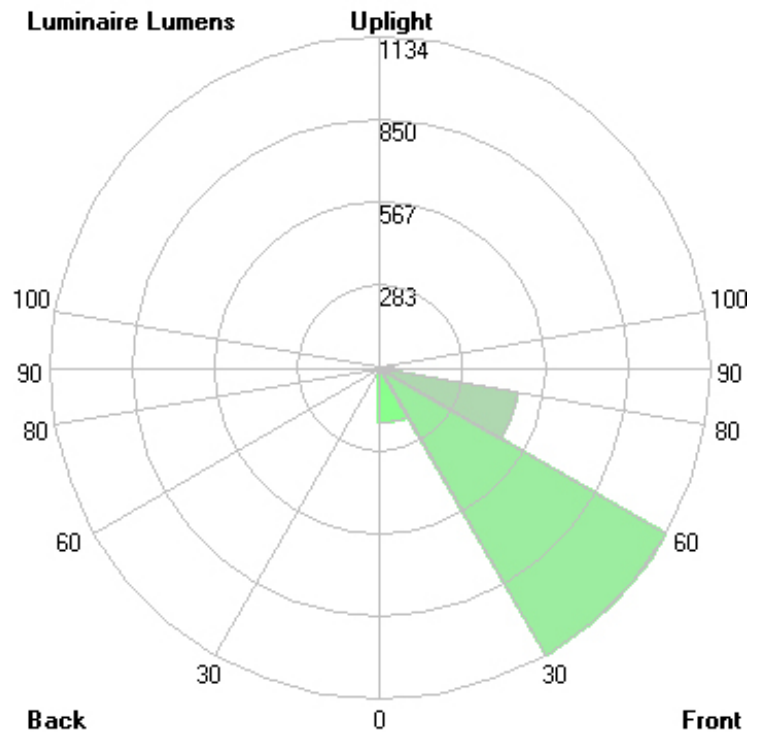
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	188.7	N.A.	10.2
FM (30-60)	1133.5	N.A.	61.2
FH (60-80)	479.9	N.A.	25.9
FVH (80-90)	45.5	N.A.	2.5
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	2.3	N.A.	0.1
UH (100-180)	1.6	N.A.	0.1
Total	1851.6	N.A.	100.0

BUG Rating B0-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 2 ft.

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

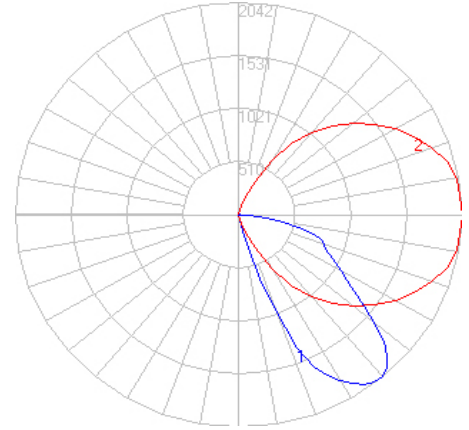
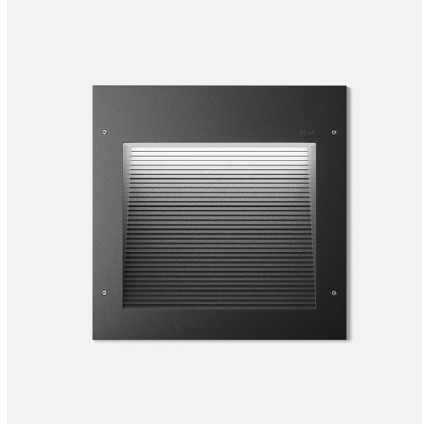
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BEGA

File: 24573K35_BEGA_IES.ies

TEST: BE_24573K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 573K35
LAMP: 20W LED



Characteristics

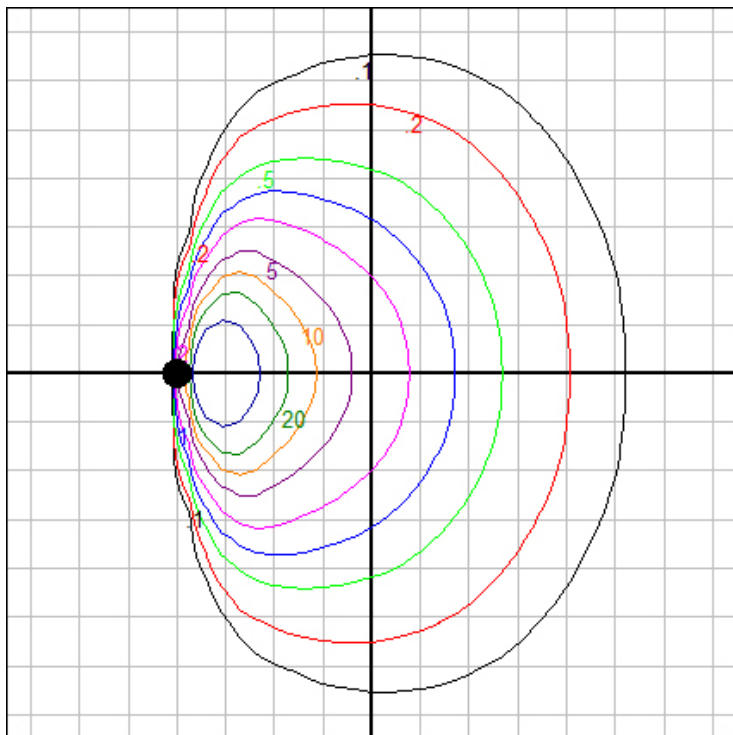
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1807
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	67
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	2041.597 (0H, 40V)
Max. Cd. (<90 Vert.)	2041.597 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	13.469 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	371.27 (20.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	184.2	N.A.	10.2
FM (30-60)	1106.3	N.A.	61.2
FH (60-80)	468.4	N.A.	25.9
FVH (80-90)	44.4	N.A.	2.5
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	2.3	N.A.	0.1
UH (100-180)	1.6	N.A.	0.1
Total	1807.2	N.A.	100.0

BUG Rating B0-U0*-G1

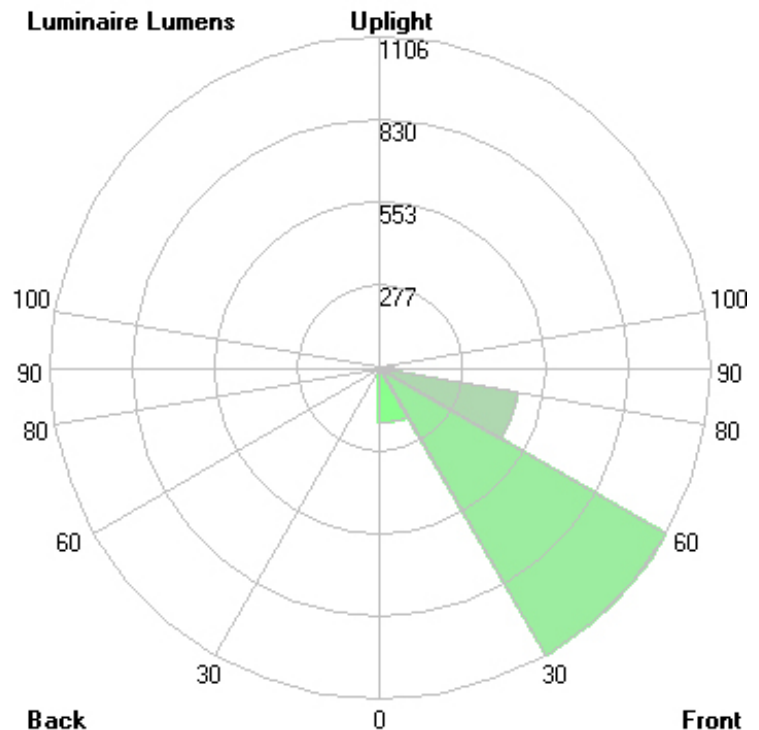
*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Mounting Height: 2.7 ft.

Grid Spacing: 2 ft.

Luminaire Lumens



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

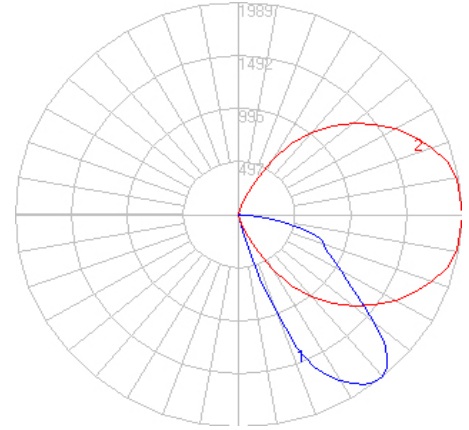
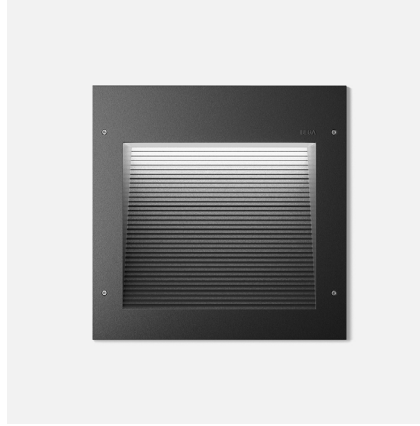
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BEGA

File: 24573K3_BEGA_IES.ies

TEST: BE_24573K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 573K3
LAMP: 20W LED



Characteristics

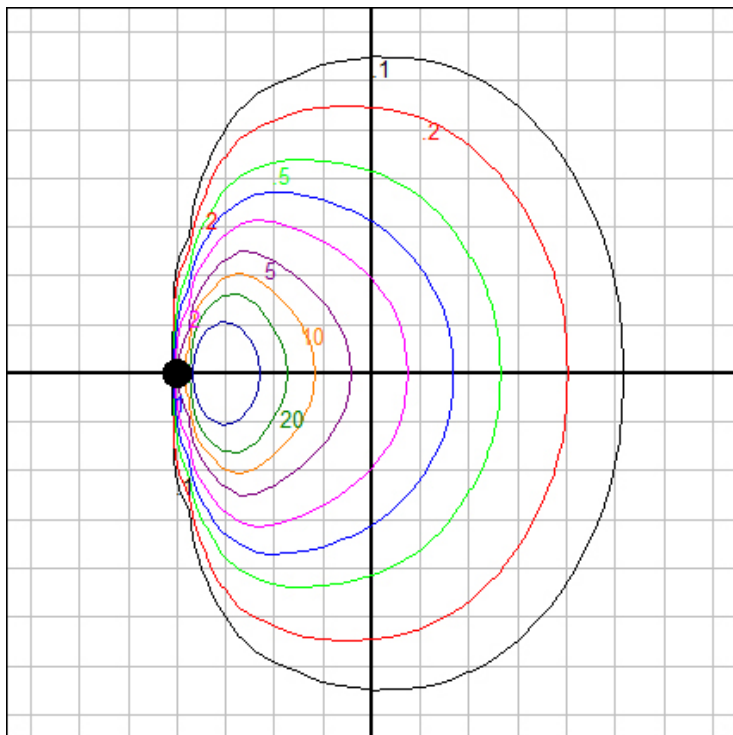
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1761
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1989.302 (0H, 40V)
Max. Cd. (<90 Vert.)	1989.302 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	13.124 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	361.76 (20.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	179.5	N.A.	10.2
FM (30-60)	1078.0	N.A.	61.2
FH (60-80)	456.4	N.A.	25.9
FVH (80-90)	43.2	N.A.	1.8
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	2.2	N.A.	0.1
UH (100-180)	1.5	N.A.	0.1
Total	1760.8	N.A.	100.0

BUG Rating B0-U0*-G1

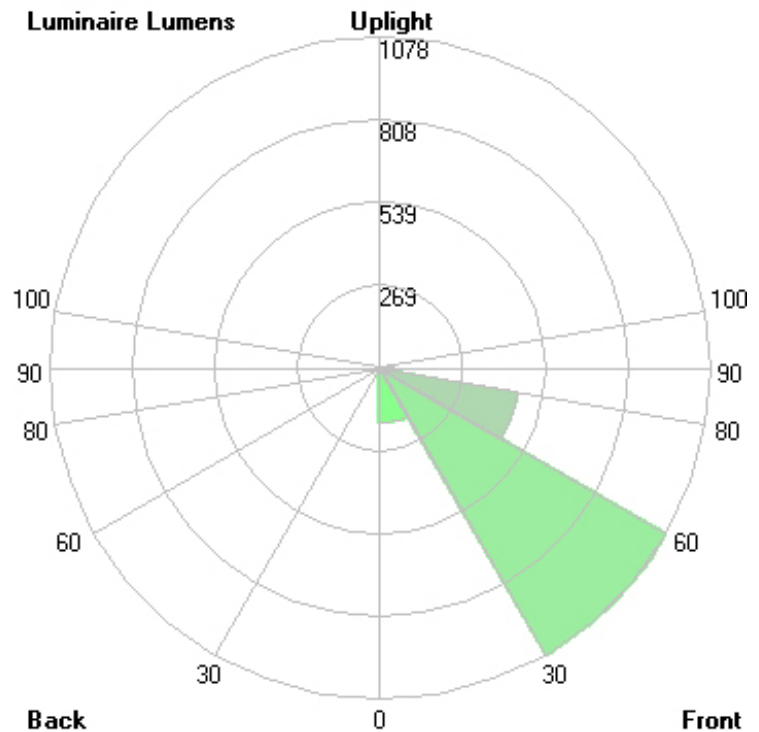
*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Mounting Height: 2.7 ft.

Grid Spacing: 2 ft.

Luminaire Lumens



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

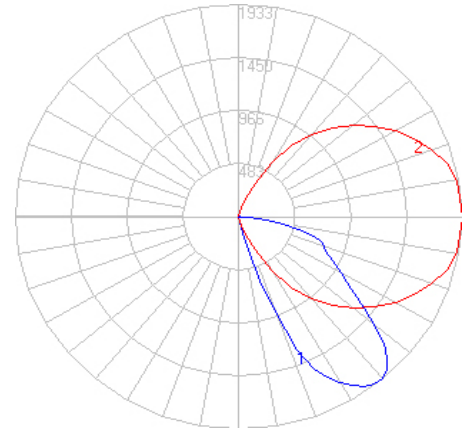
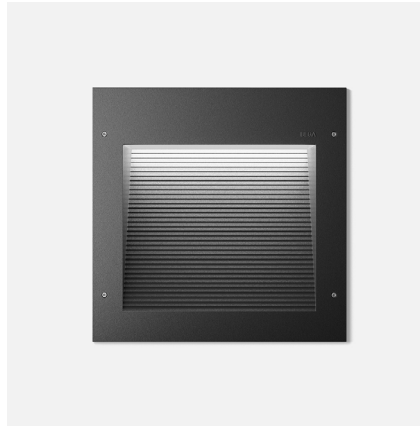
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File: 24573K27_BEGA_IES.ies

TEST: BE_24573K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 573K27
LAMP: 20W LED



Characteristics

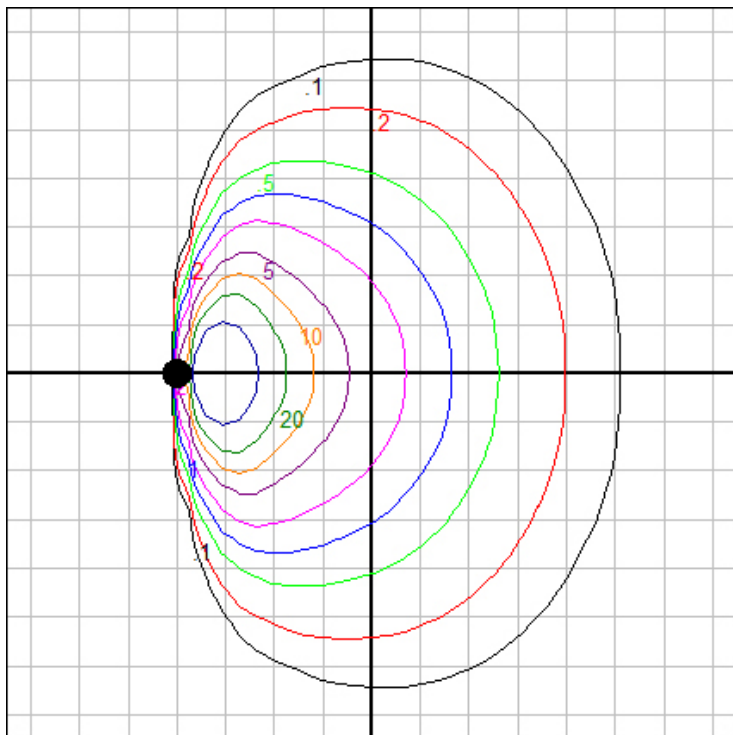
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1711
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1932.823 (0H, 40V)
Max. Cd. (<90 Vert.)	1932.823 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	12.751 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	351.49 (20.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

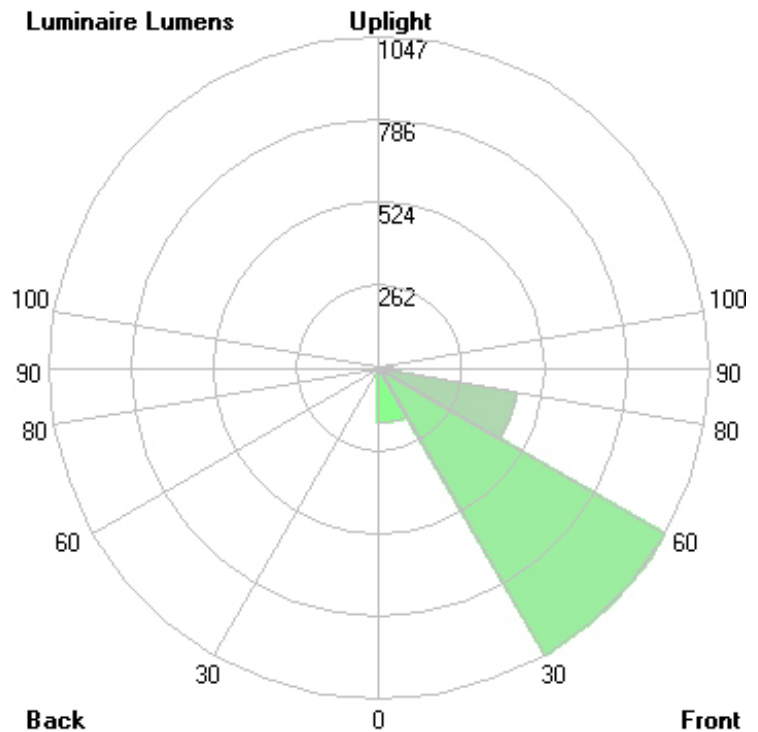
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	174.4	N.A.	10.2
FM (30-60)	1047.4	N.A.	61.2
FH (60-80)	443.4	N.A.	25.9
FVH (80-90)	42.0	N.A.	2.5
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	2.2	N.A.	0.1
UH (100-180)	1.5	N.A.	0.1
Total	1710.9	N.A.	100.0

BUG Rating B0-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 2 ft.

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

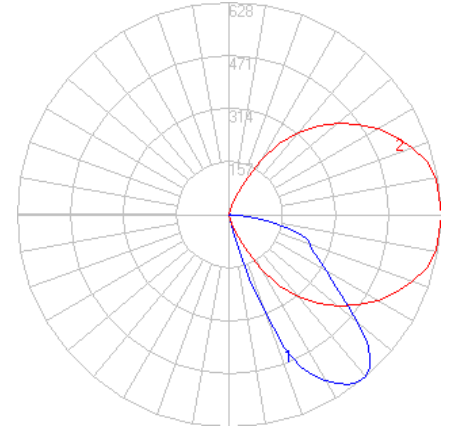
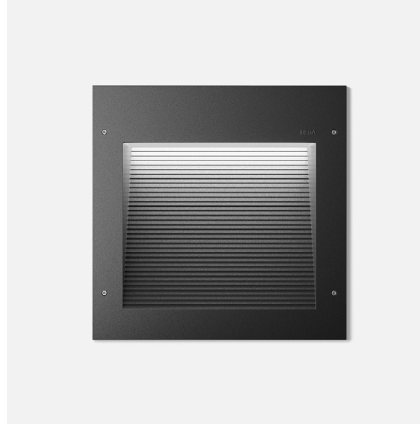
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BEGA

File: 24573K4_EMPK_BEGA_IES.ies

TEST: BE_24573K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 573K4 EMPK (30% output)
LAMP: 7.0W LED



Characteristics

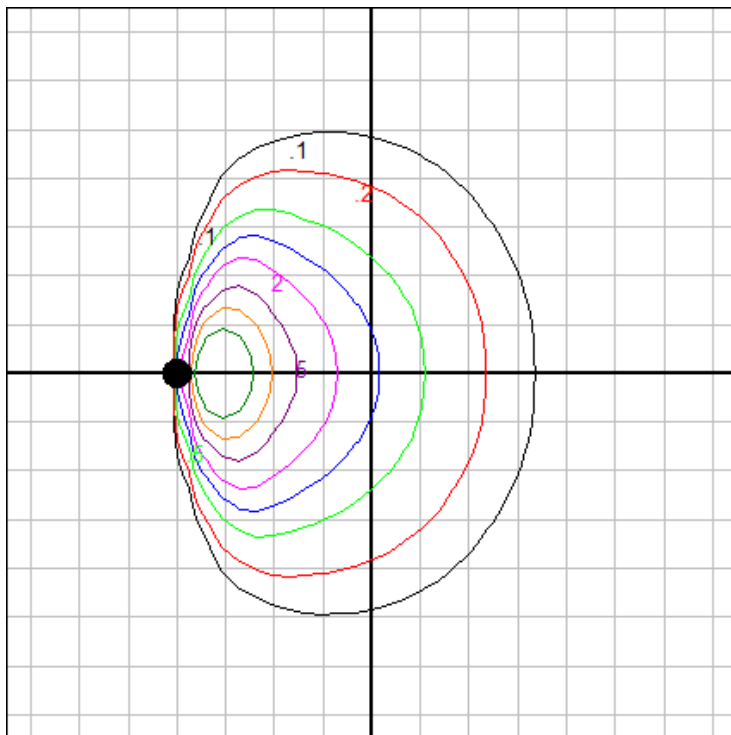
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	555
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	56
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	627.54 (0H, 40V)
Max. Cd. (<90 Vert.)	627.54 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	4.14 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	114.12 (20.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	56.6	N.A.	10.2
FM (30-60)	340.1	N.A.	61.2
FH (60-80)	144.0	N.A.	25.9
FVH (80-90)	13.6	N.A.	2.5
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	0.7	N.A.	0.1
UH (100-180)	0.5	N.A.	0.1
Total	555.5	N.A.	100.0

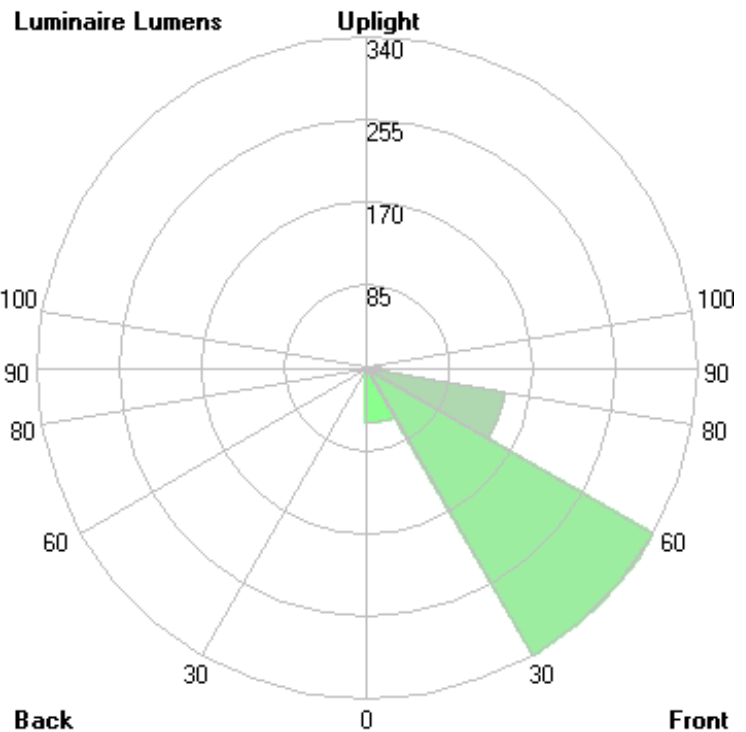
BUG Rating B0-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Mounting Height: 2.7 ft.

Grid Spacing: 2 ft.



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