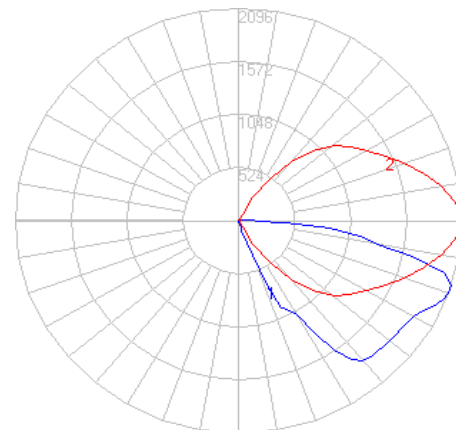
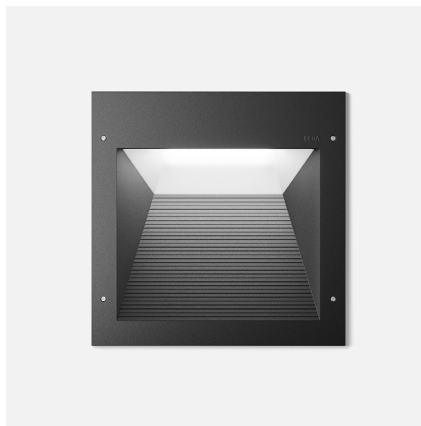


BEGA

File: 24575K4_BEGA_IES.ies

TEST: BE_24575K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 575K4
LAMP: 20W LED



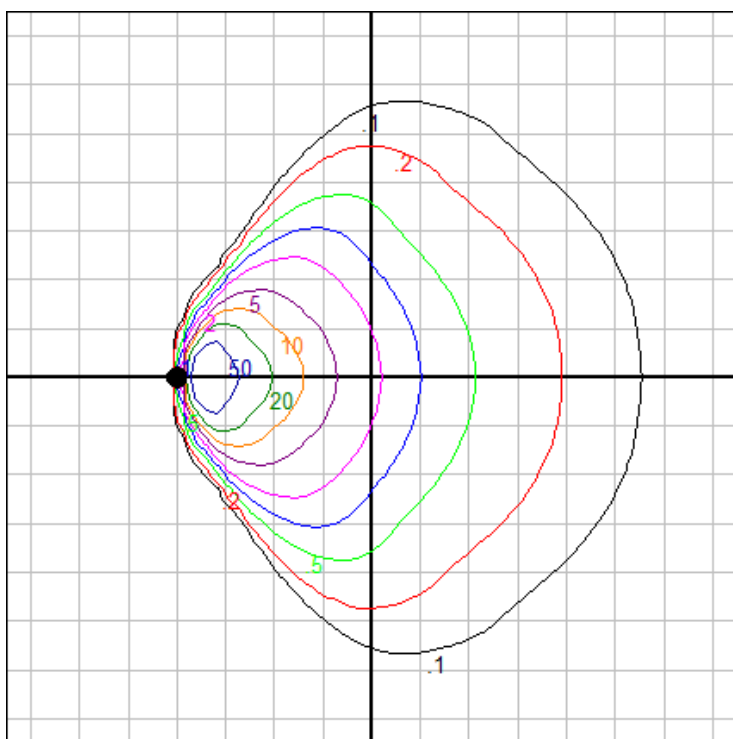
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2255
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	2095.9 (0H, 70V)
Max. Cd. (<90 Vert.)	2095.9 (0H, 70V)
Max. Cd. (At 90 Deg. Vert.)	170.7 (7.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1312.2 (58.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

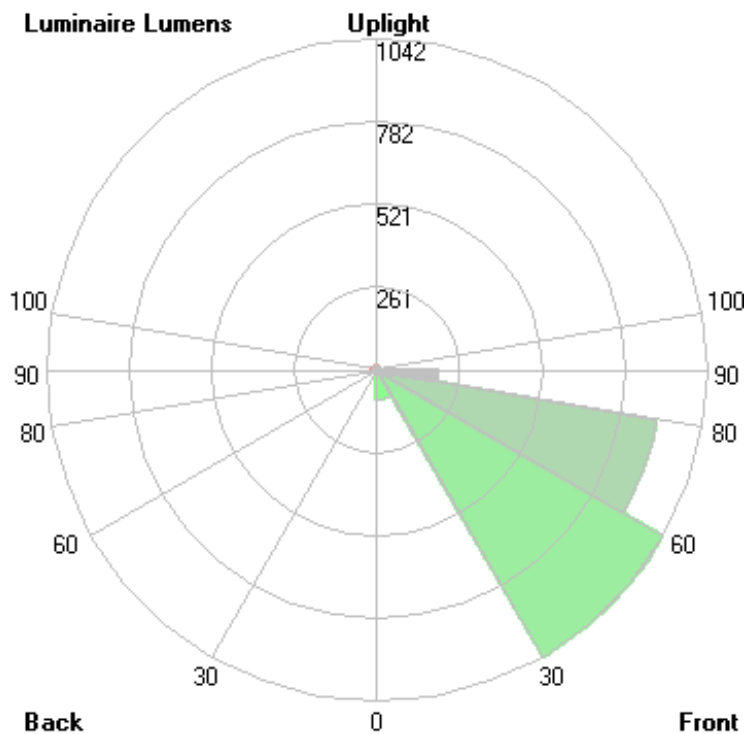
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	93.3	N.A.	4.1
FM (30-60)	1042.3	N.A.	46.2
FH (60-80)	896.7	N.A.	39.8
FVH (80-90)	193.7	N.A.	8.6
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)	16.6	N.A.	0.7
UH (100-180)	12.8	N.A.	0.6
Total	2255.4	N.A.	100.0

BUG Rating B0-U2-G2



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 3 ft.

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

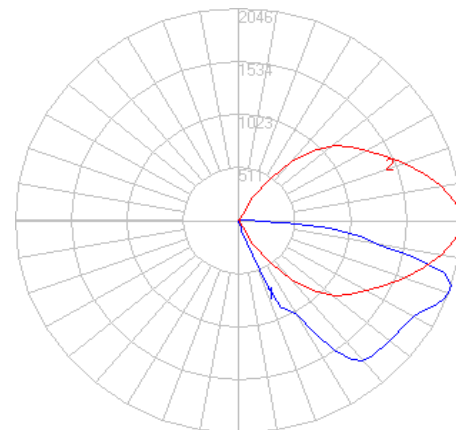
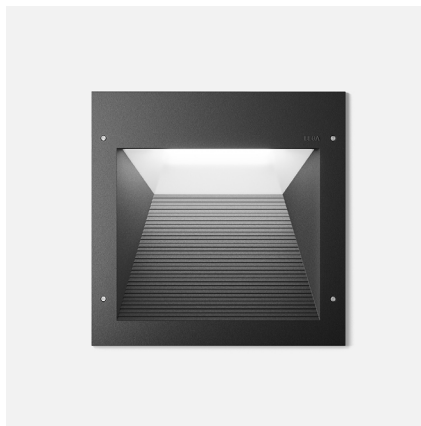
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

12/4/2023

BEGA

File: 24575K35_BEGA_IES.ies

TEST: BE_24575K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 575K35
LAMP: 20W LED



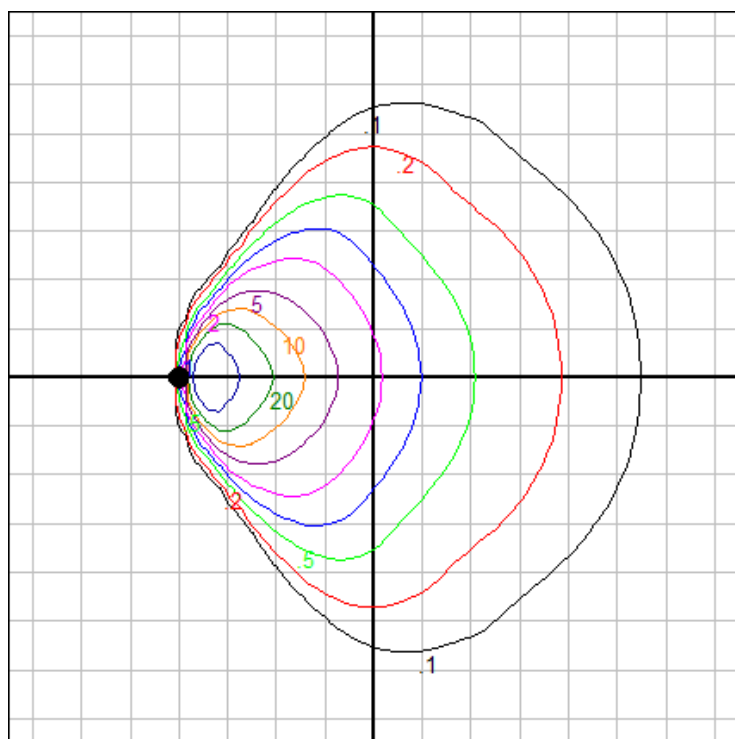
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2201
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	2045.598 (0H, 70V)
Max. Cd. (<90 Vert.)	2045.598 (0H, 70V)
Max. Cd. (At 90 Deg. Vert.)	166.603 (7.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1280.707 (58.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

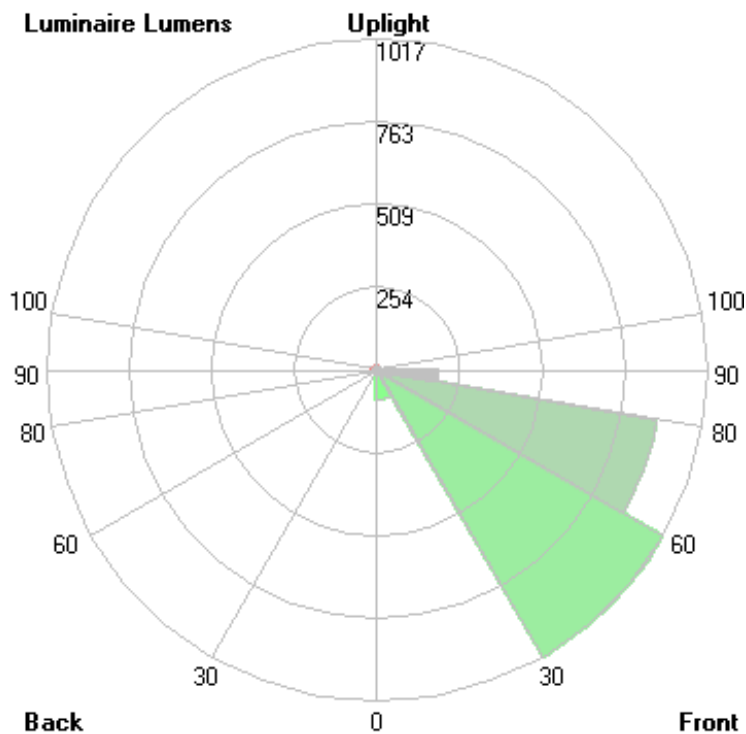
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	91.1	N.A.	4.1
FM (30-60)	1017.2	N.A.	46.2
FH (60-80)	875.2	N.A.	39.8
FVH (80-90)	189.1	N.A.	8.6
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)	16.2	N.A.	0.7
UH (100-180)	12.5	N.A.	0.6
Total	2201.3	N.A.	100.0

BUG Rating B0-U2-G2



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 3 ft.

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

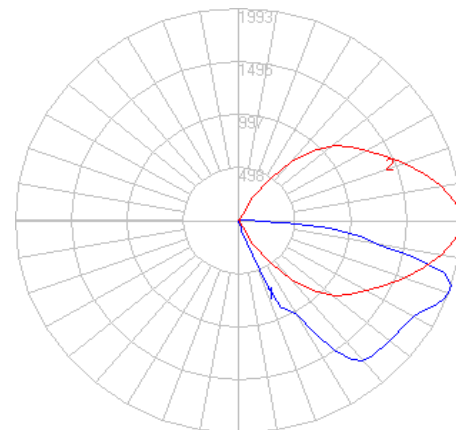
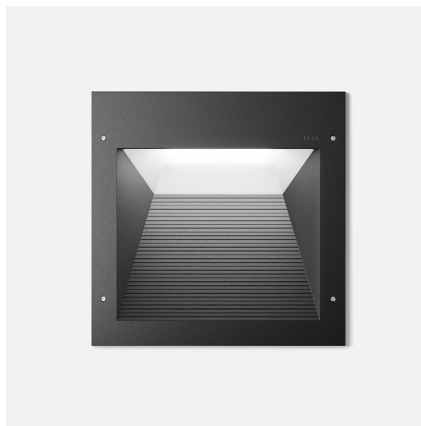
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

12/4/2023

BEGA

File: 24575K3_BEGA_IES.ies

TEST: BE_24575K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 575K3
LAMP: 20W LED



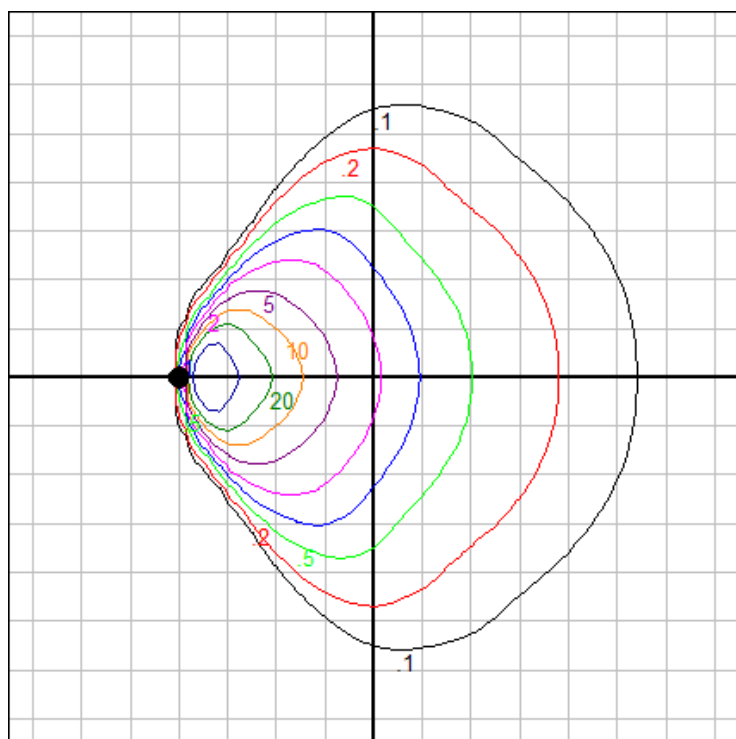
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2145
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	1993.201 (0H, 70V)
Max. Cd. (<90 Vert.)	1993.201 (0H, 70V)
Max. Cd. (At 90 Deg. Vert.)	162.336 (7.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1247.902 (58.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

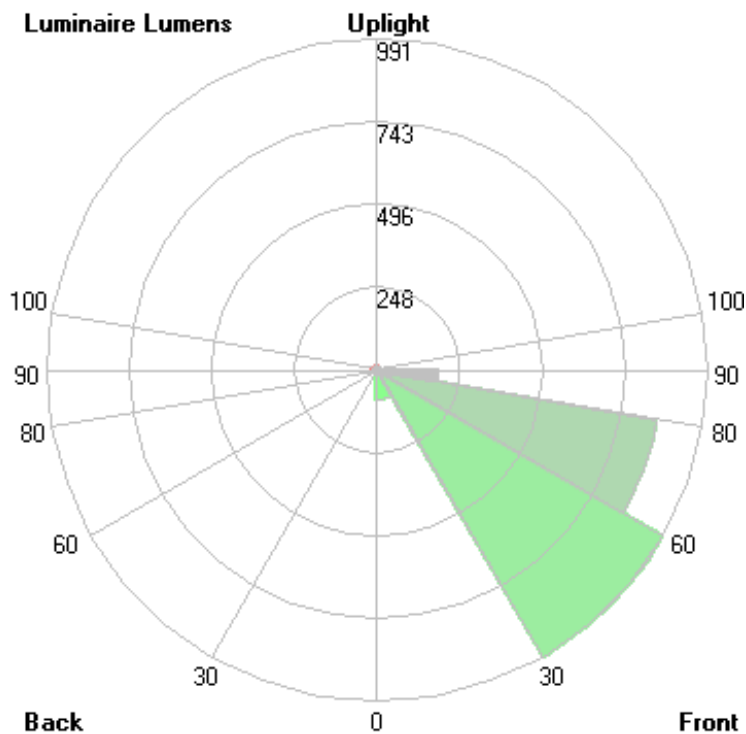
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	88.8	N.A.	4.1
FM (30-60)	991.2	N.A.	46.2
FH (60-80)	852.8	N.A.	39.8
FVH (80-90)	184.2	N.A.	8.6
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)	15.8	N.A.	0.7
UH (100-180)	12.2	N.A.	0.6
Total	2145.0	N.A.	100.0

BUG Rating B0-U2-G2



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 3 ft.

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

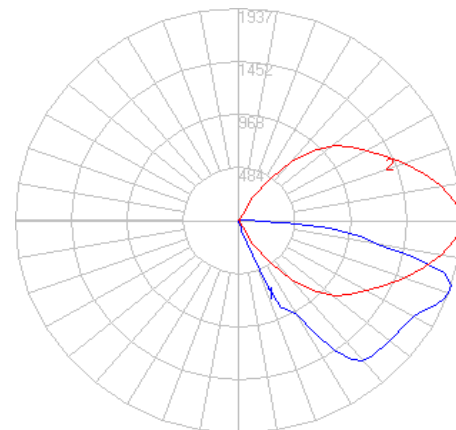
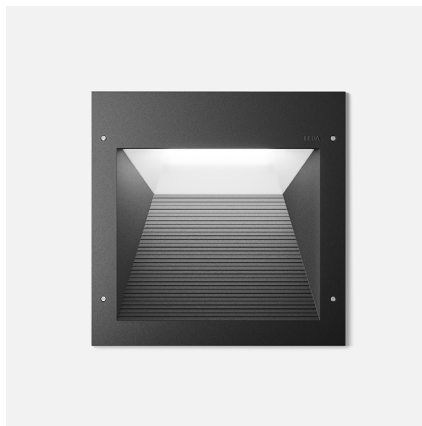
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

12/4/2023

BEGA

File: 24575K27_BEGA_IES.ies

TEST: BE_24575K4
TEST LAB: BEGA
DATE: 3/26/2021
LUMINAIRE: 24 575K27
LAMP: 20W LED



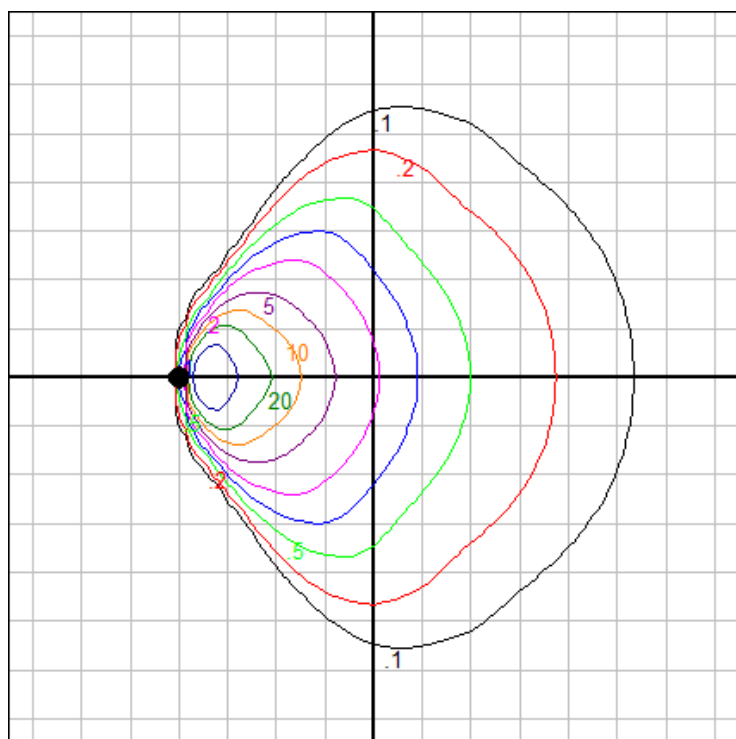
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2084
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	1936.612 (0H, 70V)
Max. Cd. (<90 Vert.)	1936.612 (0H, 70V)
Max. Cd. (At 90 Deg. Vert.)	157.727 (7.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1212.473 (58.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

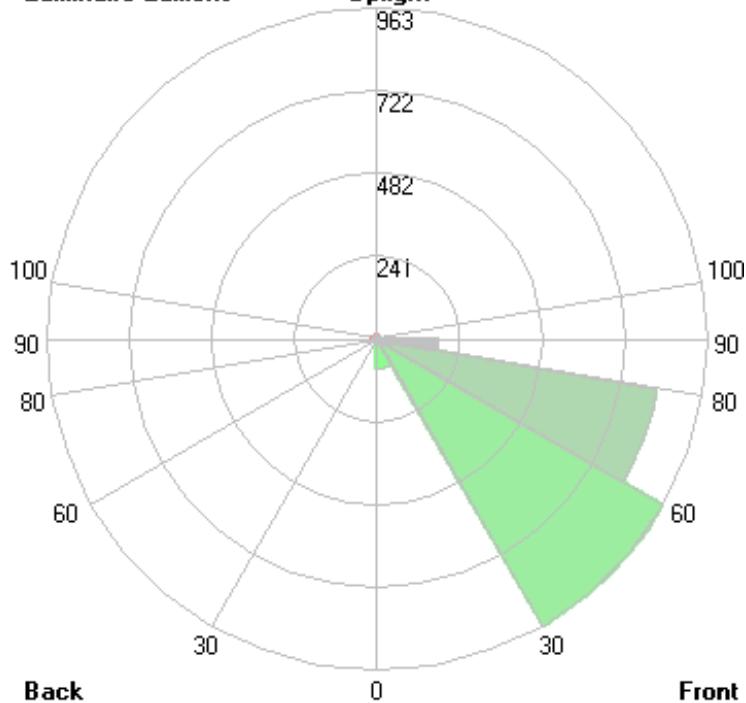
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	86.3	N.A.	4.1
FM (30-60)	963.0	N.A.	46.2
FH (60-80)	828.5	N.A.	39.8
FVH (80-90)	179.0	N.A.	8.6
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	15.4	N.A.	0.7
UH (100-180)	11.8	N.A.	0.6
Total	2084.0	N.A.	100.0

BUG Rating B0-U2-G2



Luminaire Lumens

Uplight



Mounting Height: 2.7 ft.

Grid Spacing: 3 ft.

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

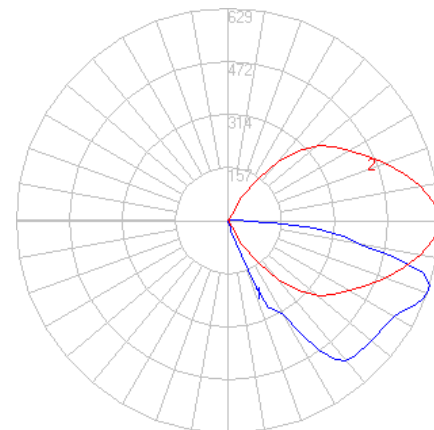
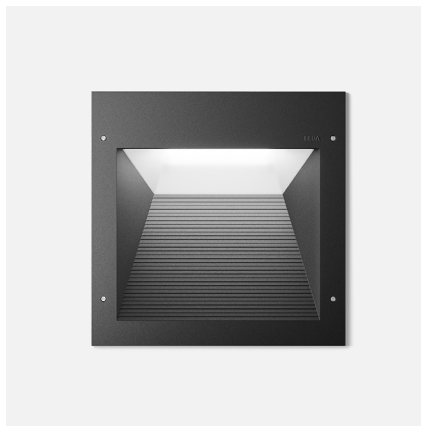
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

12/4/2023

BEGA

File: 24575K27_BEGA_IES.ies

TEST: BE_24575K4
 TEST LAB: BEGA
 DATE: 3/26/2021
 LUMINAIRE: 24 575K4 EMPK (30% output)
 LAMP: 7.0W LED



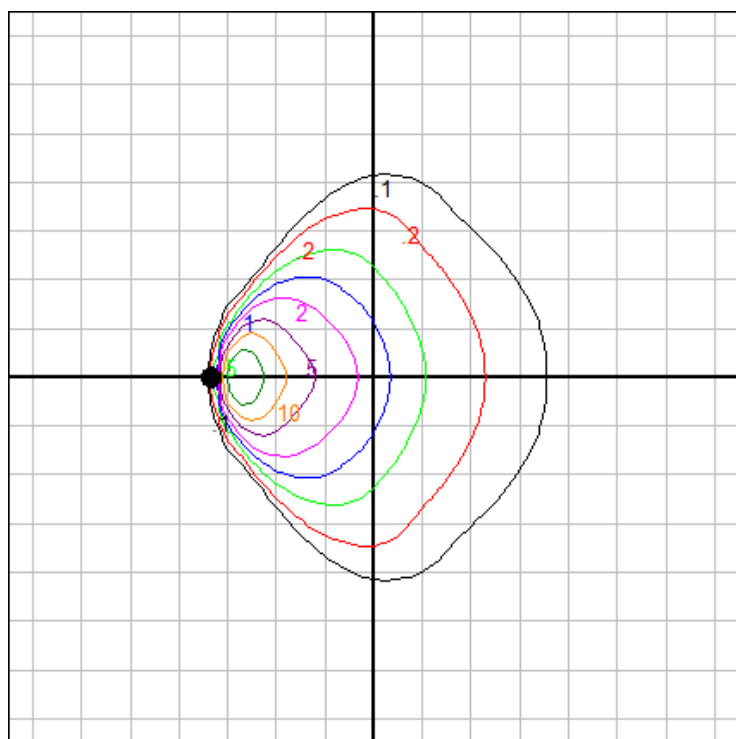
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	677
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	628.77 (0H, 70V)
Max. Cd. (<90 Vert.)	628.77 (0H, 70V)
Max. Cd. (At 90 Deg. Vert.)	51.21 (7.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	393.66 (58.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

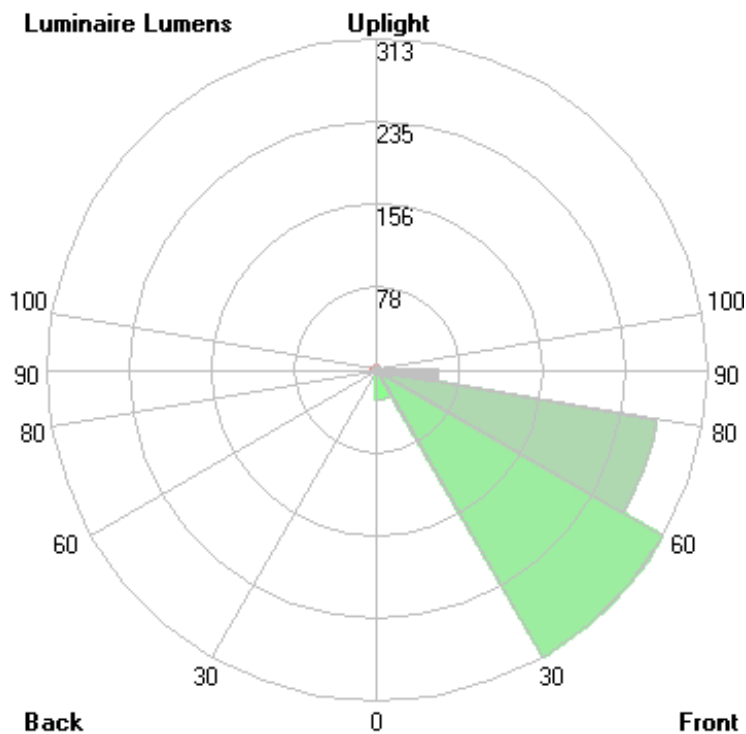
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	28.0	N.A.	4.1
FM (30-60)	312.7	N.A.	46.2
FH (60-80)	269.0	N.A.	39.8
FVH (80-90)	58.1	N.A.	8.6
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)	5.0	N.A.	0.7
UH (100-180)	3.8	N.A.	0.6
Total	676.6	N.A.	100.0

BUG Rating B0-U1-G1



Luminaire Lumens



Mounting Height: 2.7 ft.

Grid Spacing: 3 ft.

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

BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

12/4/2023