

BEGA

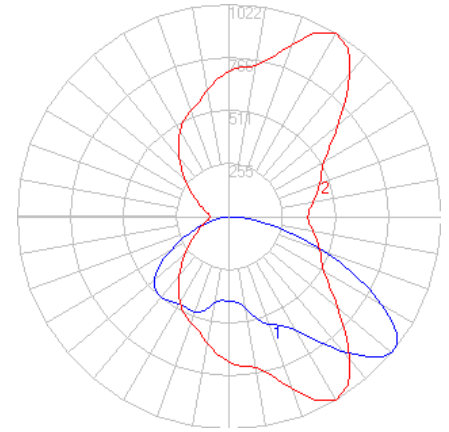
File: 84246K4_BEGA_IES.ies

TEST: BE_84245K4
TEST LAB: BEGA
DATE: 04/25/2019
LUMINAIRE: 84 246K4
LAMP: 27.2W LED

*Report based on single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2109
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1021.9 (300H, 50V)
Max. Cd. (<90 Vert.)	1021.9 (300H, 50V)
Max. Cd. (At 90 Deg. Vert.)	.3 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	182.9 (8.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

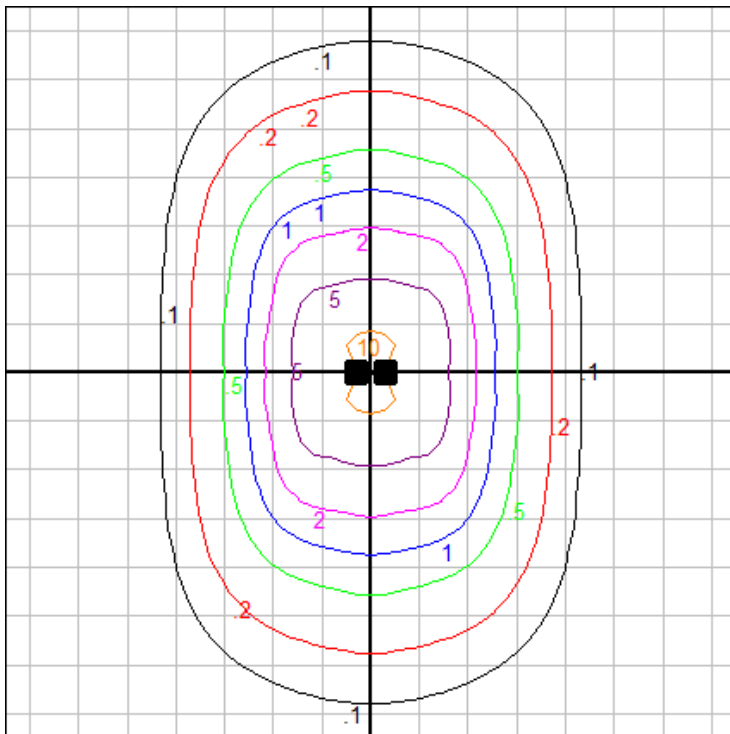


Lum. Classification System (LCS)

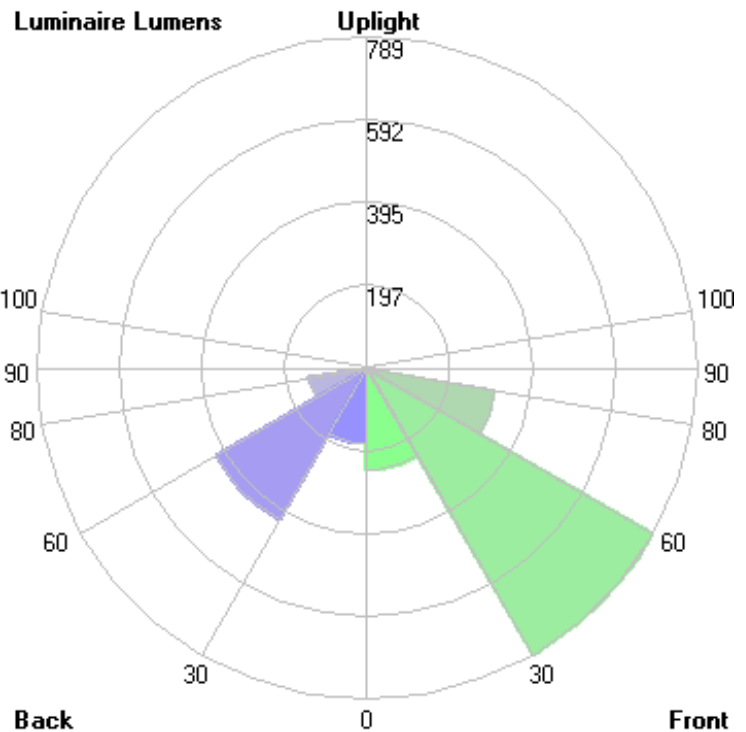
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	241.7	N.A.	11.5
FM (30-60)	789.1	N.A.	37.4
FH (60-80)	310.3	N.A.	14.7
FVH (80-90)	20.5	N.A.	1.0
BL (0-30)	181.1	N.A.	8.6
BM (30-60)	418.0	N.A.	19.8
BH (60-80)	139.3	N.A.	6.6
BVH (80-90)	9.2	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2109.2	N.A.	100.0

BUG Rating B1-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.



Grid Spacing: 5 ft.



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

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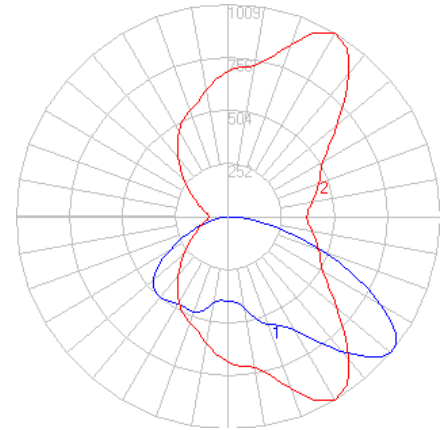
File: 84246K35_BEGA_IES.ies

TEST: BE_84245K4
TEST LAB: BEGA
DATE: 04/25/2019
LUMINAIRE: 84 246K35
LAMP: 27.2W LED

*Report based on single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2082
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1008.615 (300H, 50V)
Max. Cd. (<90 Vert.)	1008.615 (300H, 50V)
Max. Cd. (At 90 Deg. Vert.)	.296 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	180.522 (8.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

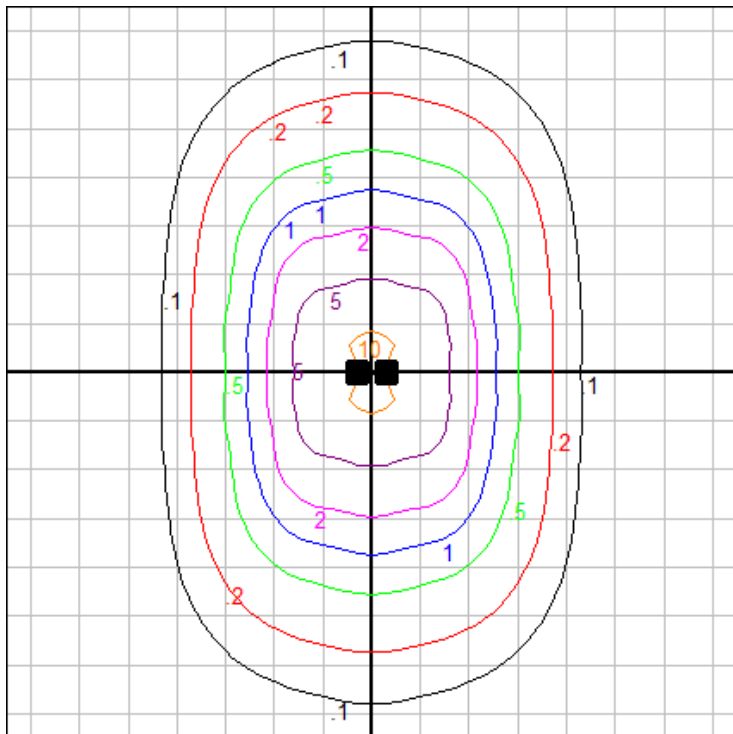


Lum. Classification System (LCS)

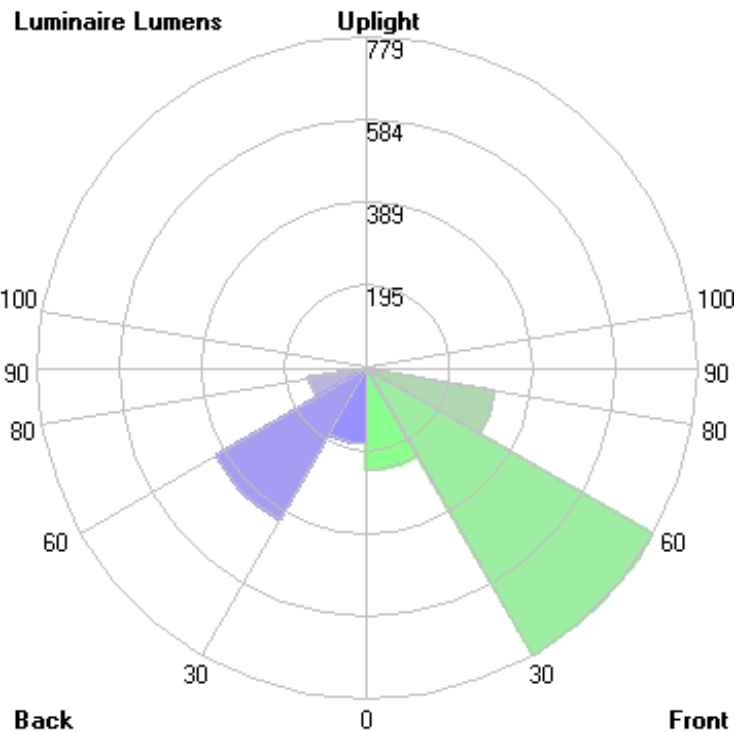
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	238.5	N.A.	11.5
FM (30-60)	778.8	N.A.	37.4
FH (60-80)	306.3	N.A.	14.7
FVH (80-90)	20.2	N.A.	1.0
BL (0-30)	178.7	N.A.	8.6
BM (30-60)	412.6	N.A.	19.8
BH (60-80)	137.4	N.A.	6.6
BVH (80-90)	9.1	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2081.6	N.A.	100.0

BUG Rating B1-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.



Grid Spacing: 5 ft.



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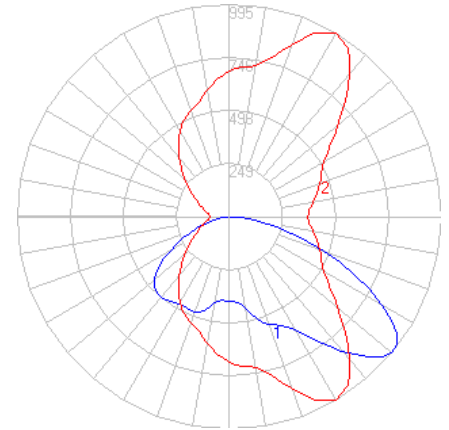
File: 84246K3_BEGA_IES.ies

TEST: BE_84245K4
TEST LAB: BEGA
DATE: 04/25/2019
LUMINAIRE: 84 246K3
LAMP: 27.2W LED

*Report based on single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2054
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	995.331 (300H, 50V)
Max. Cd. (<90 Vert.)	995.331 (300H, 50V)
Max. Cd. (At 90 Deg. Vert.)	.292 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	178.145 (8.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

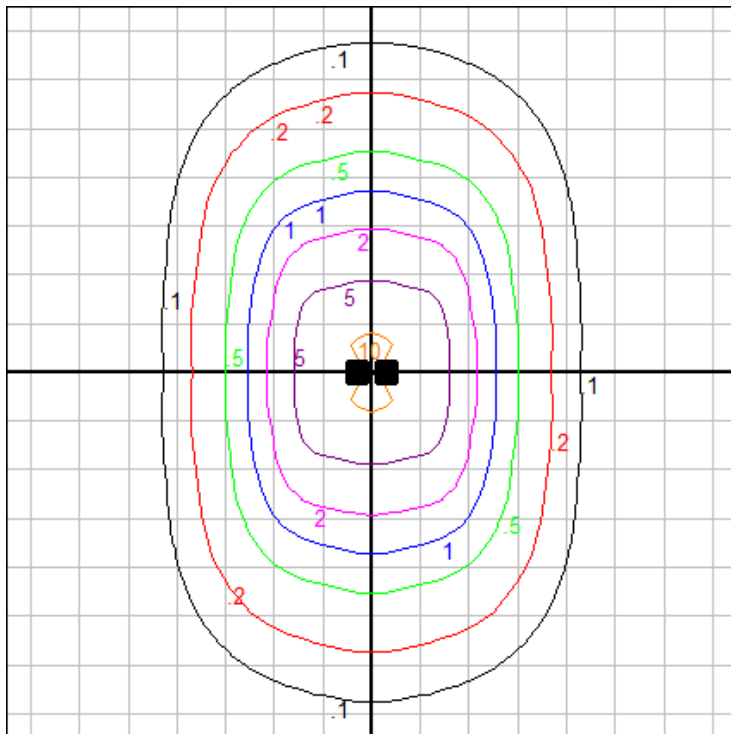


Lum. Classification System (LCS)

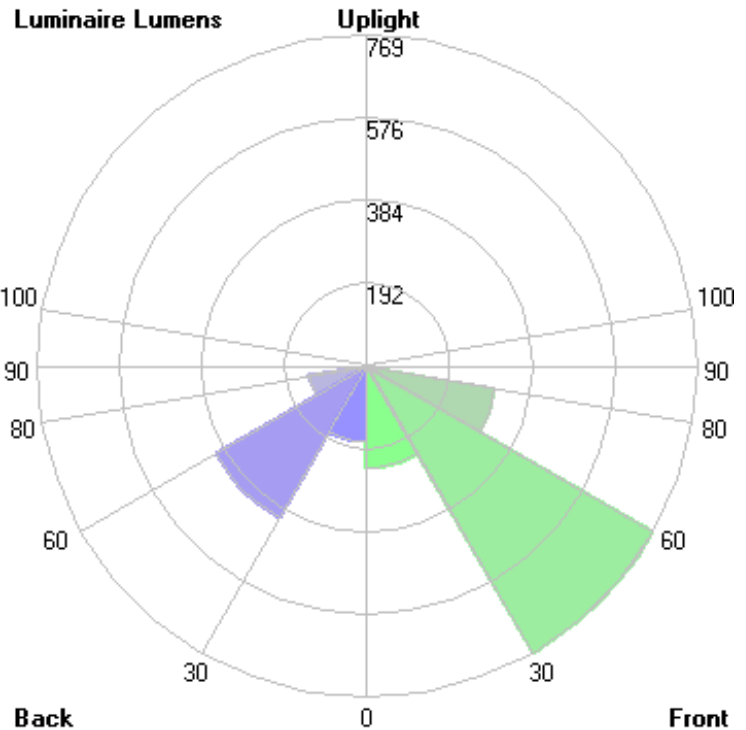
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	235.4	N.A.	11.5
FM (30-60)	768.6	N.A.	37.4
FH (60-80)	302.3	N.A.	14.7
FVH (80-90)	19.9	N.A.	1.0
BL (0-30)	176.3	N.A.	8.6
BM (30-60)	407.2	N.A.	19.8
BH (60-80)	135.6	N.A.	6.6
BVH (80-90)	9.0	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2054.3	N.A.	100.0

BUG Rating B1-U0*-G1

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Grid Spacing: 5 ft.



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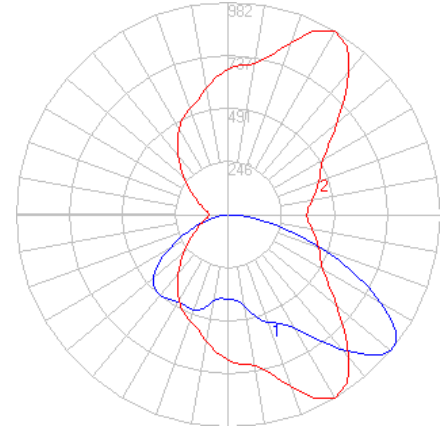
File: 84246K27_BEGA_IES.ies

TEST: BE_84245K4
TEST LAB: BEGA
DATE: 04/25/2019
LUMINAIRE: 84 246K27
LAMP: 27.2W LED

*Report based on single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2027
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	982.046 (300H, 50V)
Max. Cd. (<90 Vert.)	982.046 (300H, 50V)
Max. Cd. (At 90 Deg. Vert.)	.288 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	175.767 (8.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

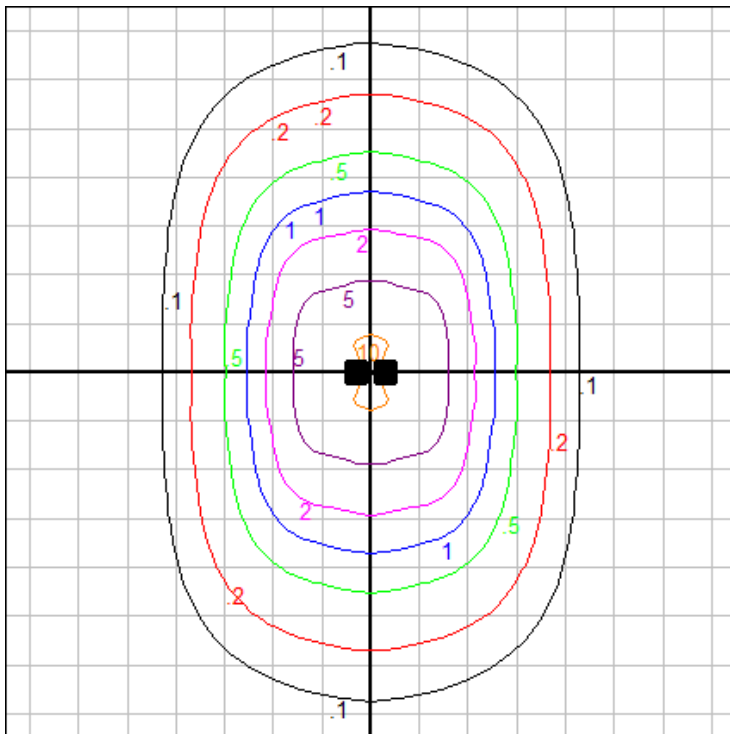


Lum. Classification System (LCS)

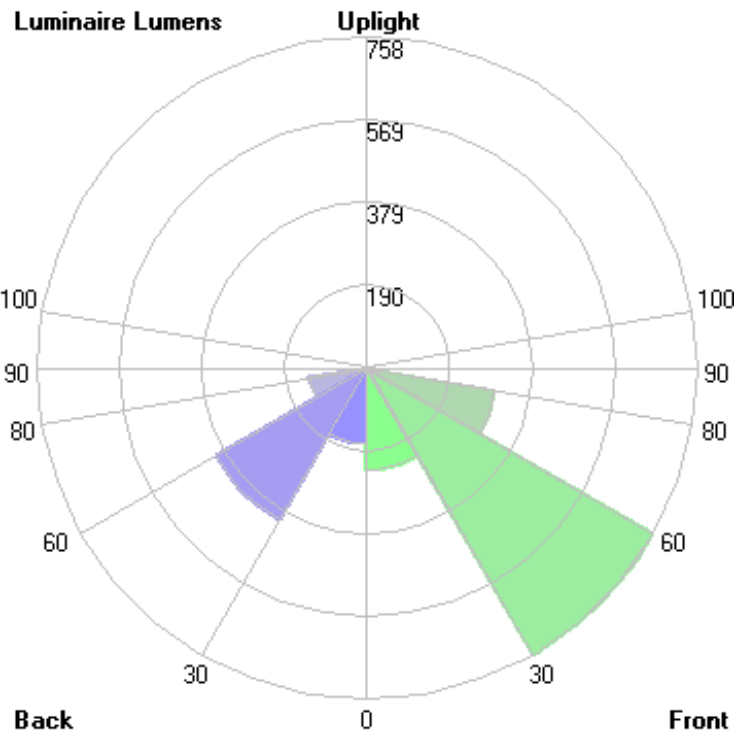
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	232.3	N.A.	11.5
FM (30-60)	758.3	N.A.	37.4
FH (60-80)	298.2	N.A.	14.7
FVH (80-90)	19.7	N.A.	1.0
BL (0-30)	174.0	N.A.	8.6
BM (30-60)	401.7	N.A.	19.8
BH (60-80)	133.8	N.A.	6.6
BVH (80-90)	8.9	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2026.9	N.A.	100.0

BUG Rating B1-U0*-G1

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