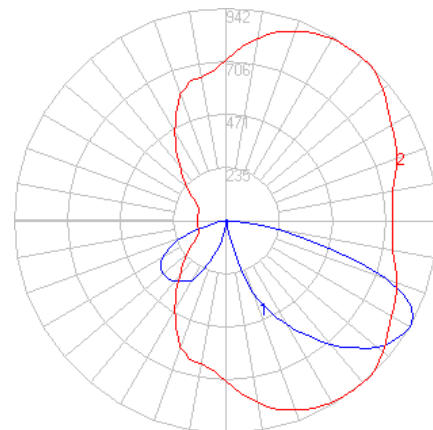


BEGA

File: 84818K4_BEGA_IES.ies

TEST: BE_84818K4
TEST LAB: BEGA
DATE: 09/01/2020
LUMINAIRE: 84 818K4
LAMP: 19.5W LED



Characteristics

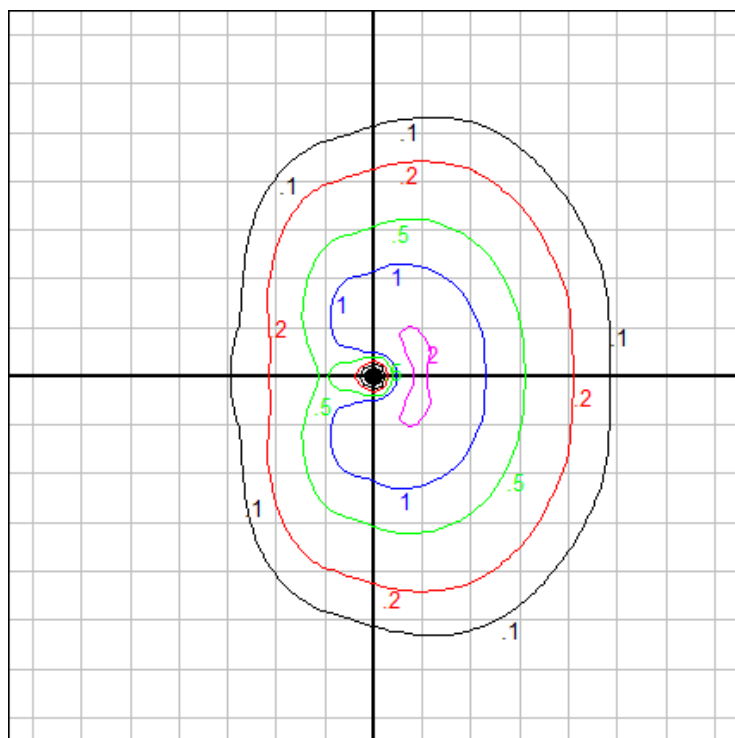
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2358
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	941.9 (310H, 60V)
Max. Cd. (<90 Vert.)	941.9 (310H, 60V)
Max. Cd. (At 90 Deg. Vert.)	6.8 (0.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	261.3 (11.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	128.6	N.A.	5.5
FM (30-60)	858.3	N.A.	36.4
FH (60-80)	603.7	N.A.	25.6
FVH (80-90)	46.5	N.A.	2.0
BL (0-30)	68.4	N.A.	2.9
BM (30-60)	397.0	N.A.	16.8
BH (60-80)	228.9	N.A.	9.7
BVH (80-90)	19.4	N.A.	0.8
UL (90-100)	3.7	N.A.	0.2
UH (100-180)	3.8	N.A.	0.2
Total	2358.3	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

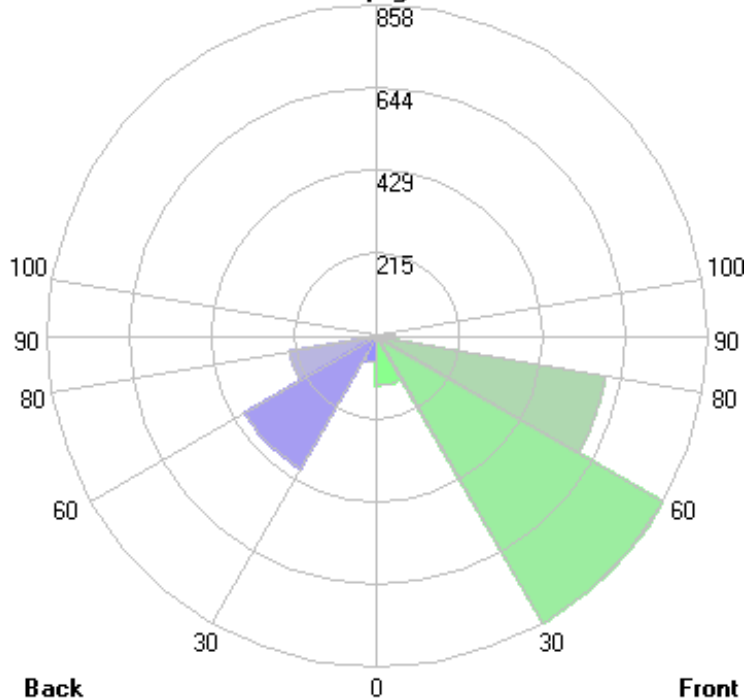


Shown on pole 84709 (157-1/2" OAH)

Grid Spacing: 7.5 ft.

Luminaire Lumens

Uplight



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

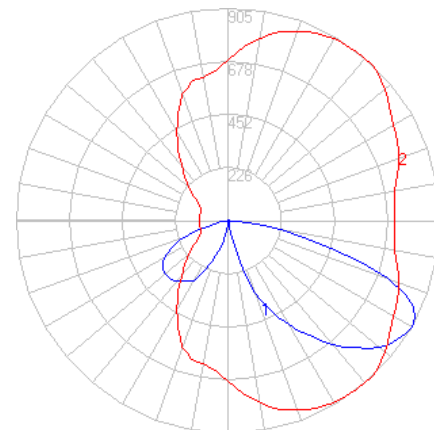
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BEGA

File: 84818K35_BEGA_IES.ies

TEST: BE_84818K4
TEST LAB: BEGA
DATE: 09/01/2020
LUMINAIRE: 84 818K35
LAMP: 19.5W LED



Characteristics

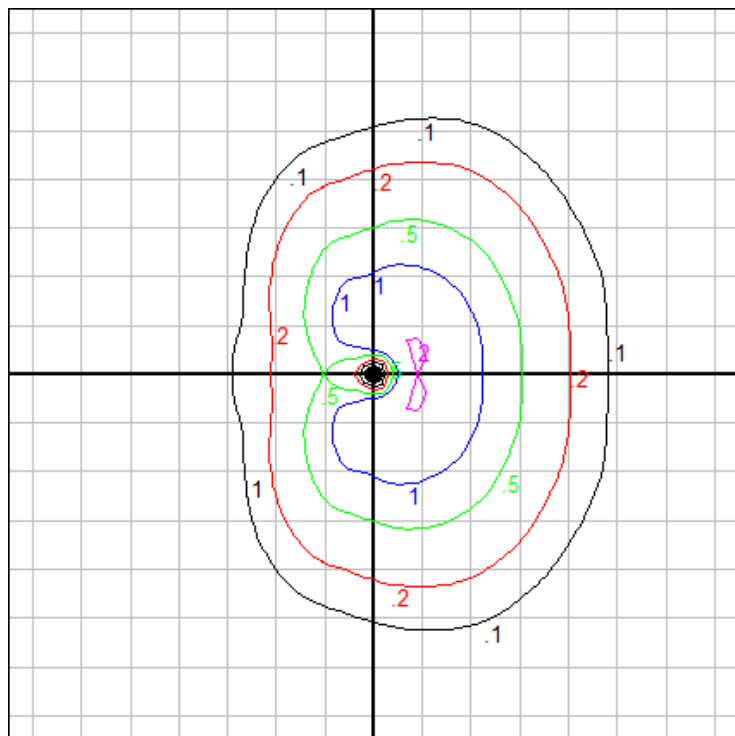
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2265
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	904.601 (310H, 60V)
Max. Cd. (<90 Vert.)	904.601 (310H, 60V)
Max. Cd. (At 90 Deg. Vert.)	6.531 (0.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	250.953 (11.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	123.5	N.A.	5.5
FM (30-60)	824.3	N.A.	36.4
FH (60-80)	579.8	N.A.	25.6
FVH (80-90)	44.7	N.A.	2.0
BL (0-30)	65.7	N.A.	2.9
BM (30-60)	381.3	N.A.	16.8
BH (60-80)	219.8	N.A.	9.7
BVH (80-90)	18.6	N.A.	0.8
UL (90-100)	3.5	N.A.	0.2
UH (100-180)	3.6	N.A.	0.2
Total	2264.8	N.A.	100.0

BUG Rating B1-U0*-G1

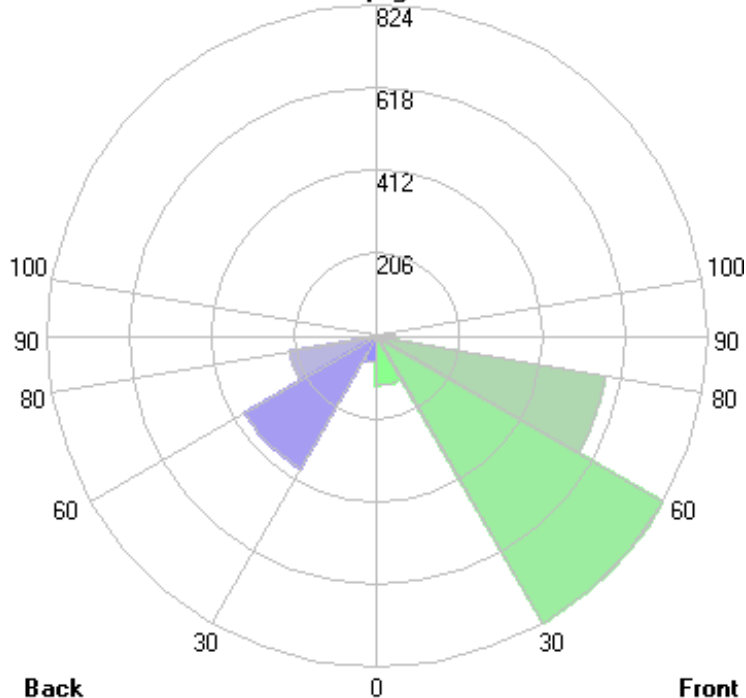
*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Shown on pole 84709 (157-1/2" OAH) | Grid Spacing: 7.5 ft.

Luminaire Lumens

Uplight



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

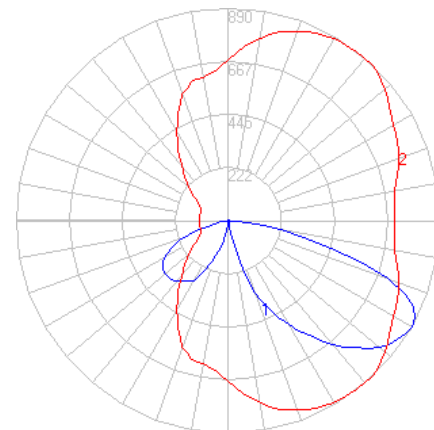
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BEGA

File: 84818K3_BEGA_IES.ies

TEST: BE_84818K4
TEST LAB: BEGA
DATE: 09/01/2020
LUMINAIRE: 84 818K3
LAMP: 19.5W LED



Characteristics

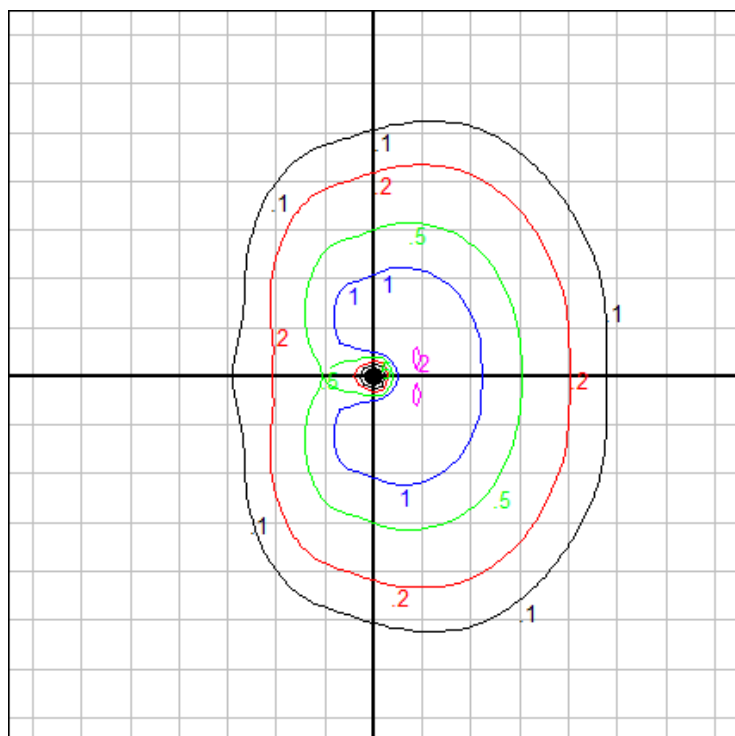
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2228
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	889.892 (310H, 60V)
Max. Cd. (<90 Vert.)	889.892 (310H, 60V)
Max. Cd. (At 90 Deg. Vert.)	6.425 (0.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	246.872 (11.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	121.5	N.A.	5.5
FM (30-60)	810.9	N.A.	36.4
FH (60-80)	570.4	N.A.	25.6
FVH (80-90)	44.0	N.A.	2.0
BL (0-30)	64.6	N.A.	2.9
BM (30-60)	375.1	N.A.	16.8
BH (60-80)	216.3	N.A.	9.7
BVH (80-90)	18.3	N.A.	0.8
UL (90-100)	3.4	N.A.	0.2
UH (100-180)	3.5	N.A.	0.2
Total	2228.0	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

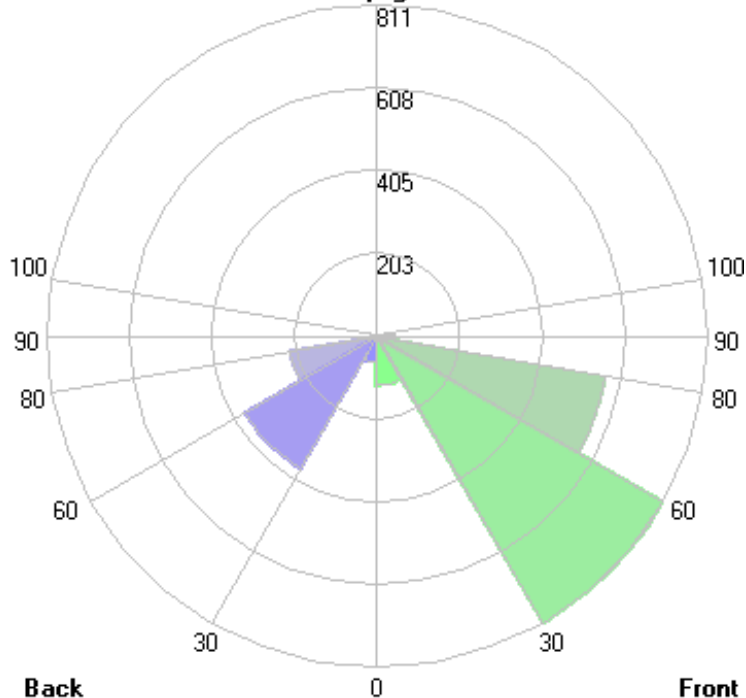


Shown on pole 84709 (157-1/2" OAH)

Grid Spacing: 7.5 ft.

Luminaire Lumens

Uplight



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

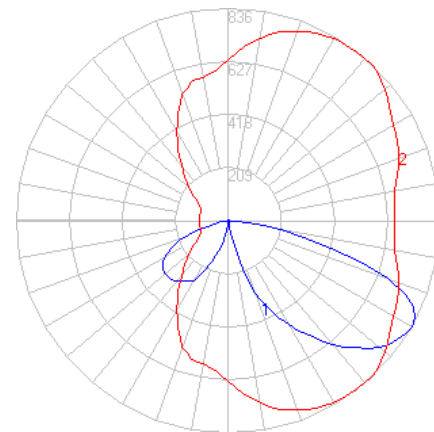
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BEGA

File: 84818K27_BEGA_IES.ies

TEST: BE_84818K4
TEST LAB: BEGA
DATE: 09/01/2020
LUMINAIRE: 84 818K27
LAMP: 19.5W LED



Characteristics

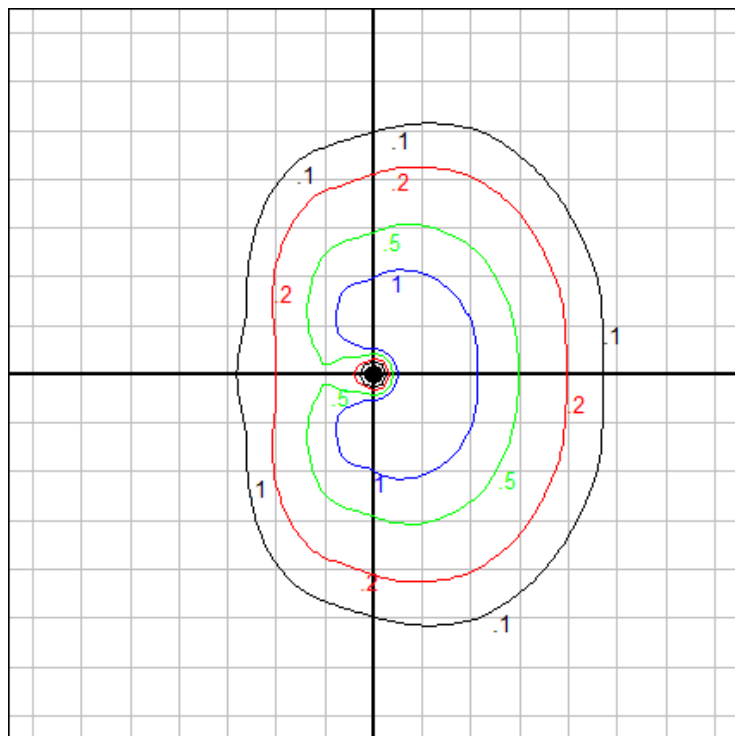
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2093
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	835.808 (310H, 60V)
Max. Cd. (<90 Vert.)	835.808 (310H, 60V)
Max. Cd. (At 90 Deg. Vert.)	6.034 (0.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	231.869 (11.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	114.1	N.A.	5.5
FM (30-60)	761.6	N.A.	36.4
FH (60-80)	535.7	N.A.	25.6
FVH (80-90)	41.3	N.A.	2.0
BL (0-30)	60.7	N.A.	2.9
BM (30-60)	352.3	N.A.	16.8
BH (60-80)	203.1	N.A.	9.7
BVH (80-90)	17.2	N.A.	0.8
UL (90-100)	3.2	N.A.	0.2
UH (100-180)	3.3	N.A.	0.2
Total	2092.5	N.A.	100.0

BUG Rating B1-U0*-G1

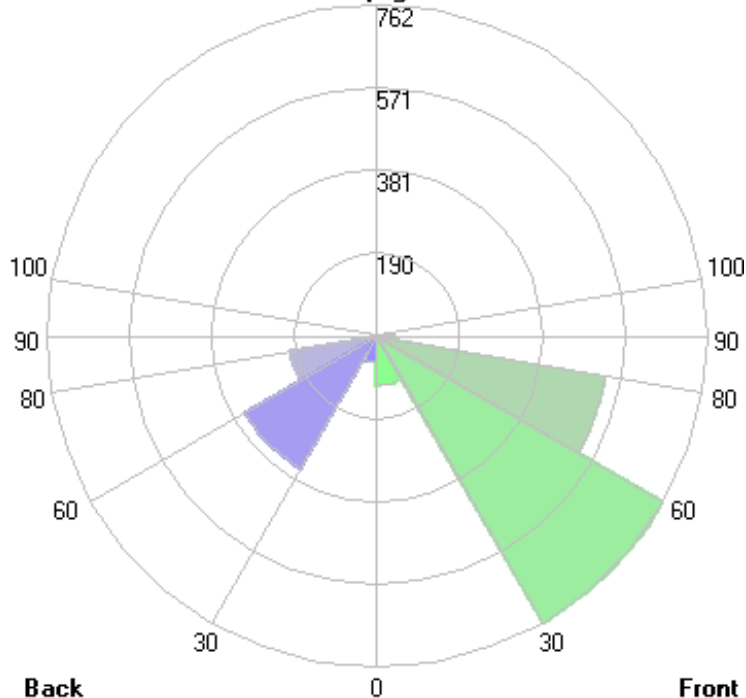
*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Shown on pole 84709 (157-1/2" OAH) | Grid Spacing: 7.5 ft.

Luminaire Lumens

Uplight



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