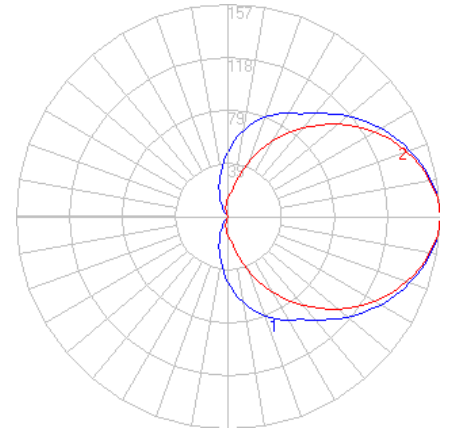


BEGA

File: 24353K4_BEGA_IES.ies

TEST: BEGA_24353K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 353K4
 LAMP: 6.0W LED



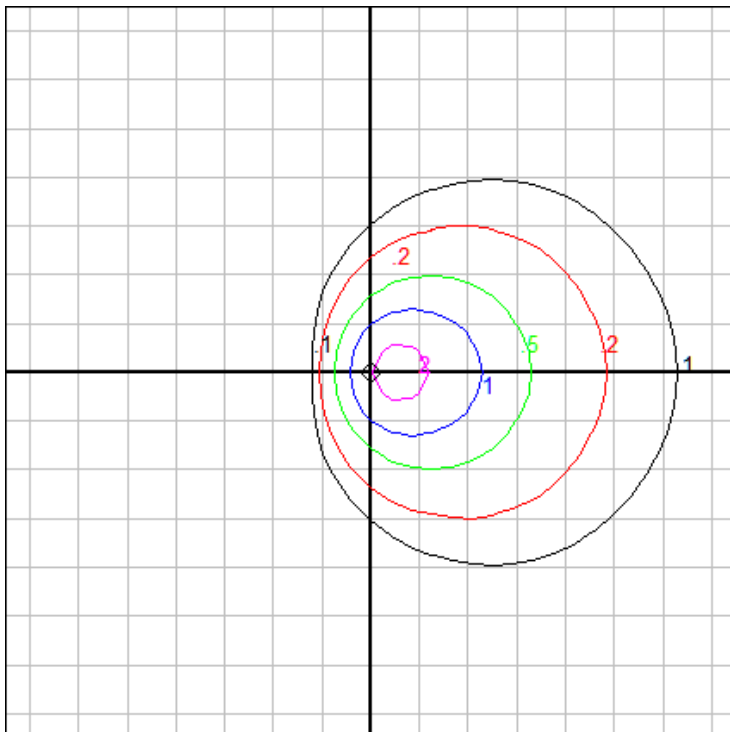
Characteristics

ES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	557
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	157 (360H, 90V)
Max. Cd. (<90 Vert.)	156.5 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	157 (28.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	156.5 (28.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

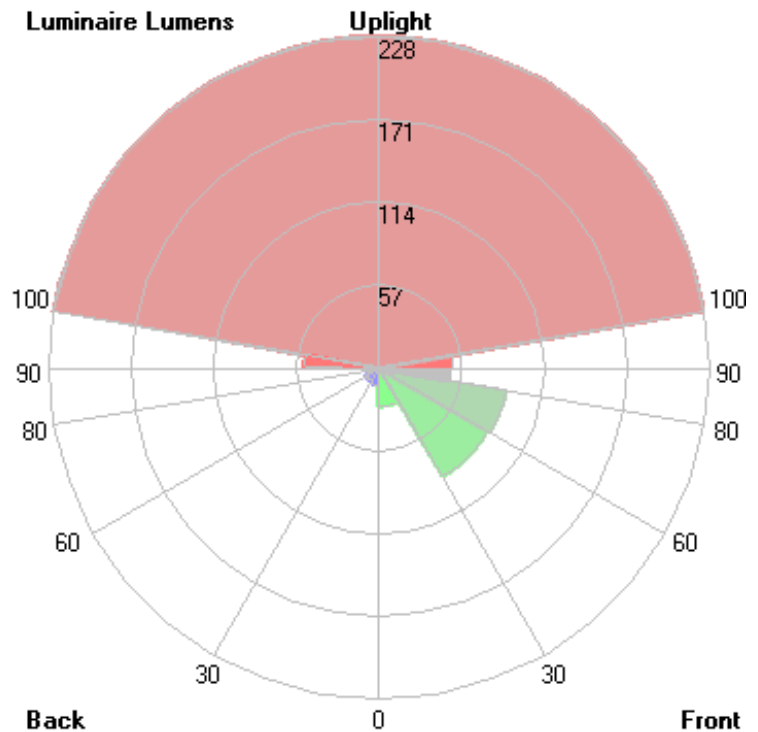
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	26.9	N.A.	4.8
FM (30-60)	86.5	N.A.	15.5
FH (60-80)	88.4	N.A.	15.9
FVH(80-90)	49.5	N.A.	8.9
BL (0-30)	11.8	N.A.	2.1
BM (30-60)	10.5	N.A.	1.9
BH (60-80)	3.4	N.A.	0.6
BVH(80-90)	1.5	N.A.	0.3
UL (90-100)	51.0	N.A.	9.2
UH (100-180)	227.5	N.A.	40.8
Total	557.0	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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

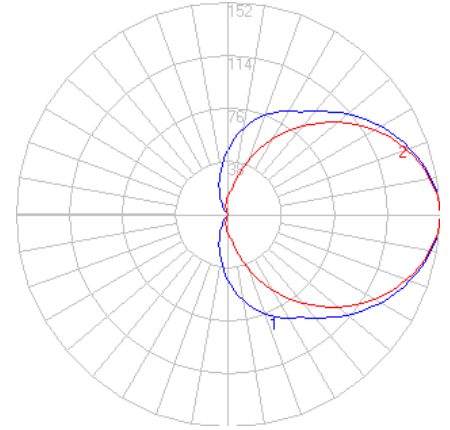
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BEGA

File: 24353K35_BEGA_IES.ies

TEST: BEGA_24353K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 353K35
 LAMP: 6.0W LED



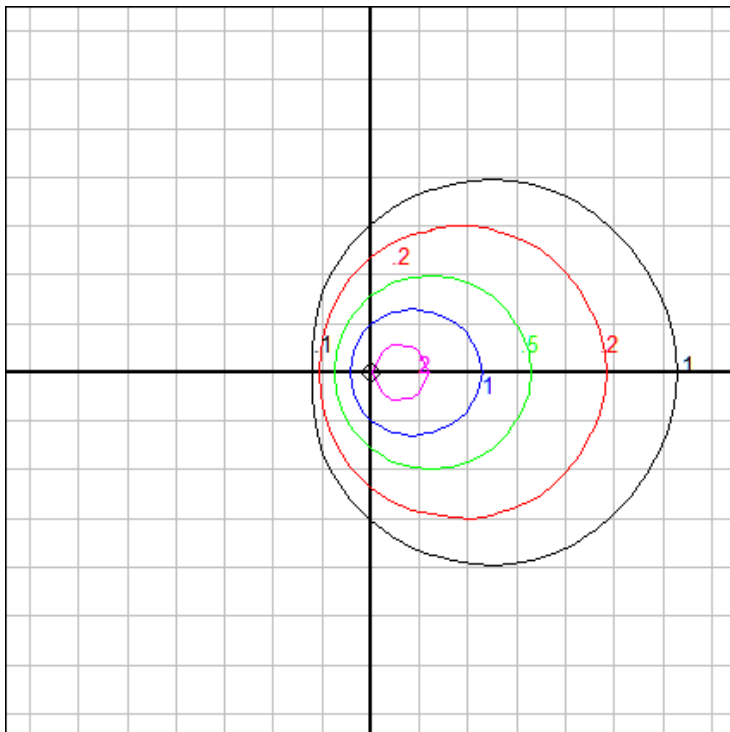
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	538
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	151.505 (360H, 90V)
Max. Cd. (<90 Vert.)	151.022 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	151.505 (28.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	151.022 (28.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

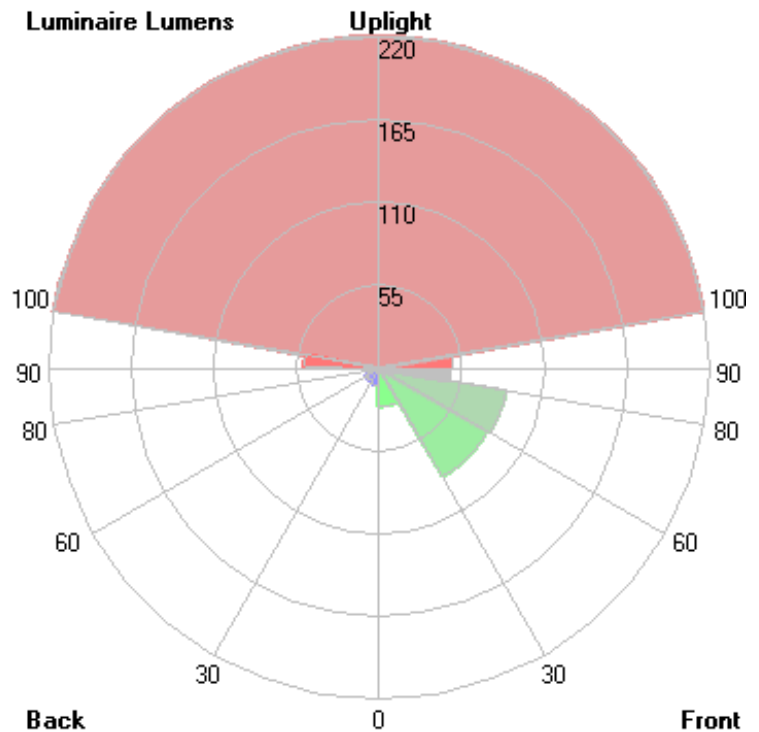
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	26.0	N.A.	4.8
FM (30-60)	83.5	N.A.	15.5
FH (60-80)	85.3	N.A.	15.9
FVH(80-90)	47.8	N.A.	8.9
BL (0-30)	11.4	N.A.	2.1
BM (30-60)	10.1	N.A.	1.9
BH (60-80)	3.2	N.A.	0.6
BVH(80-90)	1.4	N.A.	0.3
UL (90-100)	49.2	N.A.	9.2
UH (100-180)	219.6	N.A.	40.8
Total	537.5	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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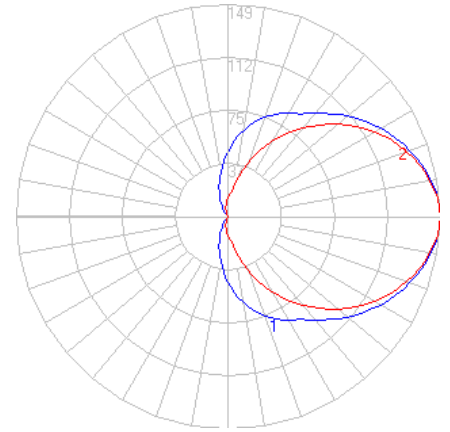
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File: 24353K3_BEGA_IES.ies

TEST: BEGA_24353K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 353K3
 LAMP: 6.0W LED



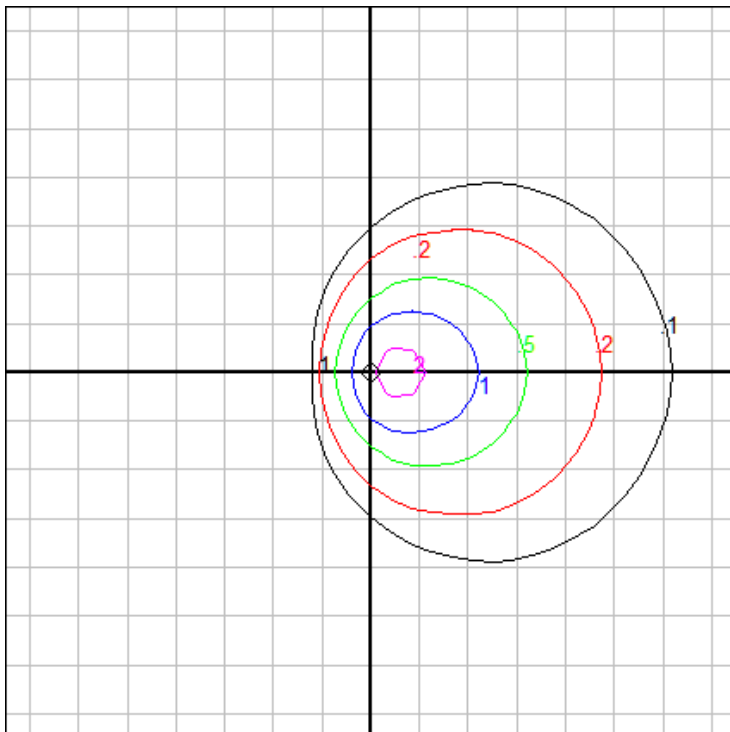
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	530
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	149.307 (360H, 90V)
Max. Cd. (<90 Vert.)	148.831 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	149.307 (28.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	148.831 (28.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

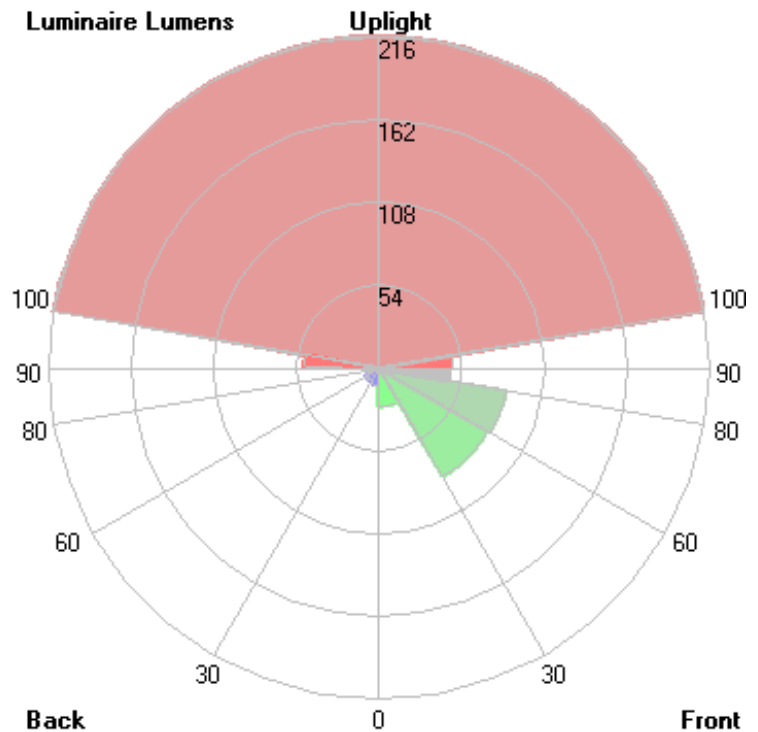
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	25.6	N.A.	4.8
FM (30-60)	82.3	N.A.	15.5
FH (60-80)	84.1	N.A.	15.9
FVH(80-90)	47.1	N.A.	8.9
BL (0-30)	11.3	N.A.	2.1
BM (30-60)	10.0	N.A.	1.9
BH (60-80)	3.2	N.A.	0.6
BVH(80-90)	1.4	N.A.	0.3
UL (90-100)	48.5	N.A.	9.2
UH (100-180)	216.4	N.A.	40.8
Total	529.9	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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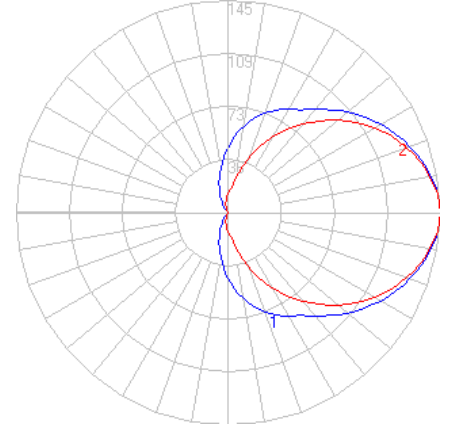
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BEGA

File: 24353K27_BEGA_IES.ies

TEST: BEGA_24353K4
TEST LAB: BEGA
DATE: 8/26/2019
LUMINAIRE: 24 353K27
LAMP: 6.0W LED



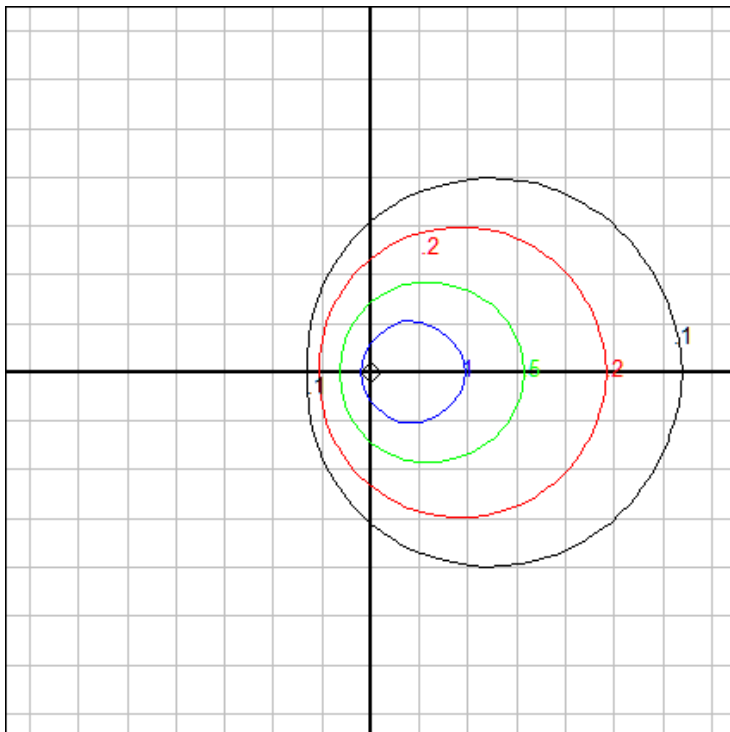
Characteristics

ES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	515
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	145.068 (360H, 90V)
Max. Cd. (<90 Vert.)	144.606 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	145.068 (28.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	144.606 (28.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

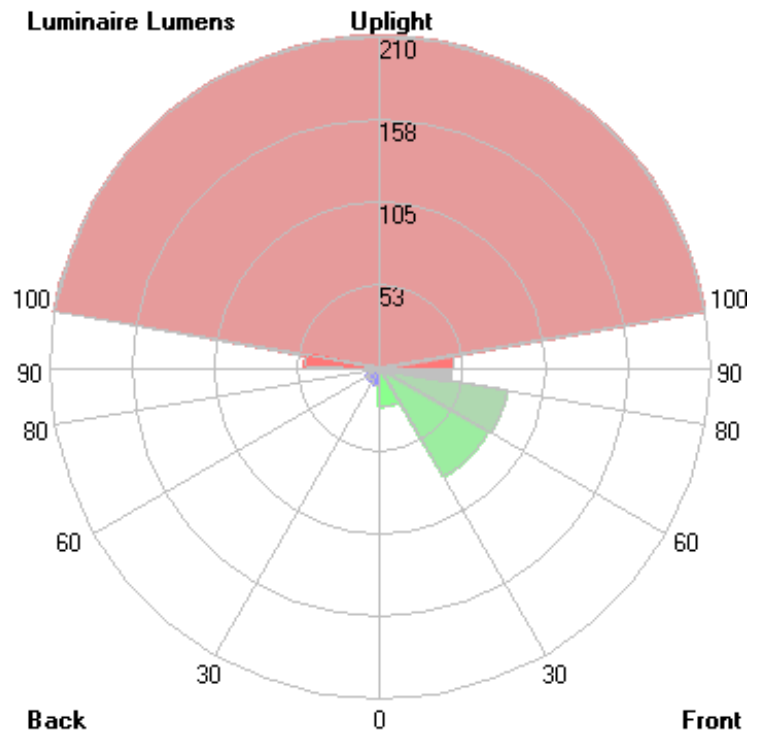
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	24.9	N.A.	4.8
FM (30-60)	79.9	N.A.	15.5
FH (60-80)	81.7	N.A.	15.9
FVH(80-90)	45.8	N.A.	8.9
BL (0-30)	10.9	N.A.	2.1
BM (30-60)	9.7	N.A.	1.9
BH (60-80)	3.1	N.A.	0.6
BVH(80-90)	1.4	N.A.	0.3
UL (90-100)	47.1	N.A.	9.2
UH (100-180)	210.2	N.A.	40.8
Total	514.7	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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