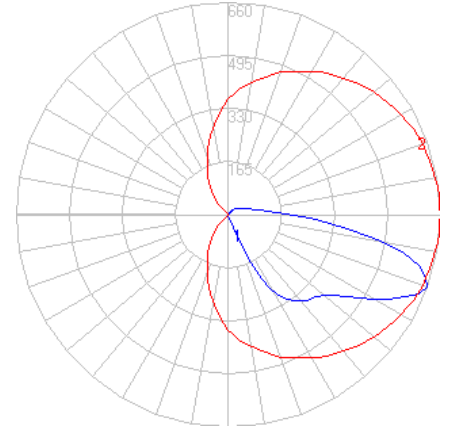


BEGA

File: 84707K4_BEGA_IES.ies

TEST: BE_84707K4
TEST LAB: BEGA
DATE: 09/24/2020
LUMINAIRE: 84 707K4
LAMP: 11.6W LED



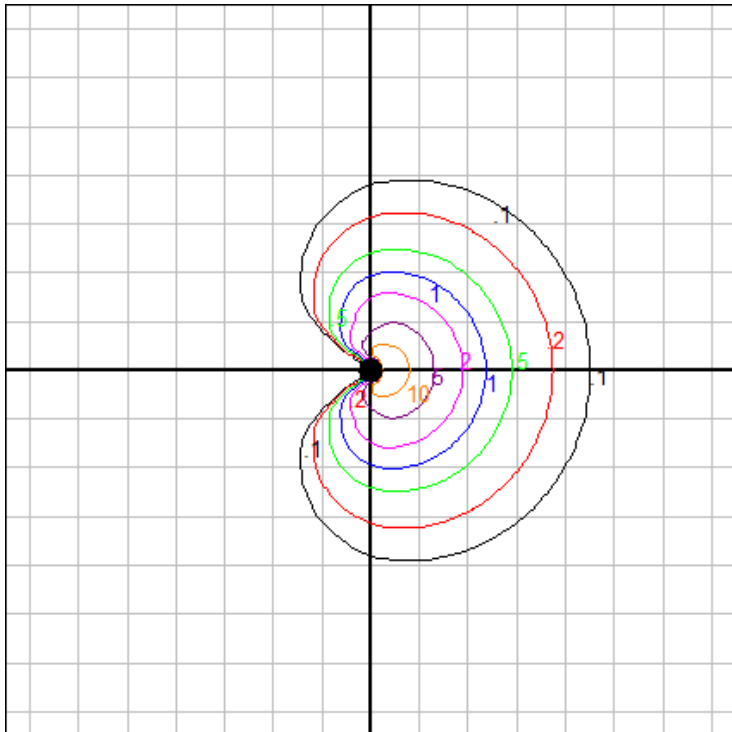
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1376
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	14
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Max. Cd.	659.6 (360H, 70V)
Max. Cd. (<90 Vert.)	659.6 (360H, 70V)
Max. Cd. (At 90 Deg. Vert.)	199 (14.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	484.2 (35.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

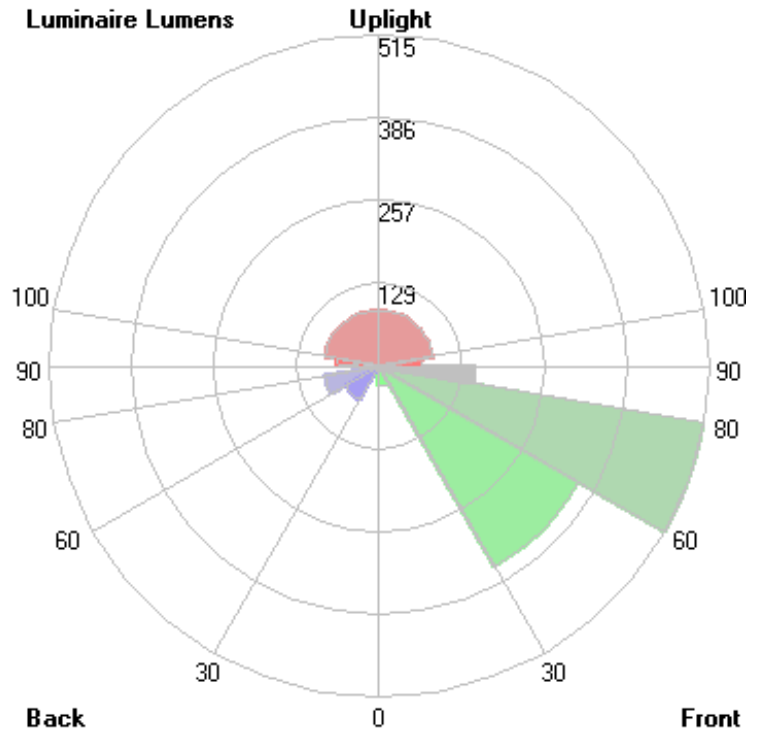
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	30.7	N.A.	2.2
FM (30-60)	359.6	N.A.	26.1
FH (60-80)	514.6	N.A.	37.4
FVH (80-90)	148.9	N.A.	10.8
BL (0-30)	2.8	N.A.	0.2
BM (30-60)	61.2	N.A.	4.4
BH (60-80)	84.8	N.A.	6.2
BVH (80-90)	21.6	N.A.	1.6
UL (90-100)	66.0	N.A.	4.8
UH (100-180)	85.7	N.A.	6.2
Total	1375.9	N.A.	100.0

BUG Rating B0-U3-G2



Shown on tube 99624 (37-1/2" OAH) | Grid Spacing: 5 ft.



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

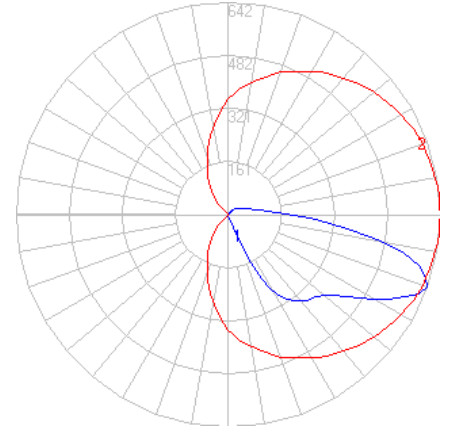
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BEGA

File: 84707K35_BEGA_IES.ies

TEST: BE_84707K4
TEST LAB: BEGA
DATE: 09/24/2020
LUMINAIRE: 84 707K35
LAMP: 11.6W LED



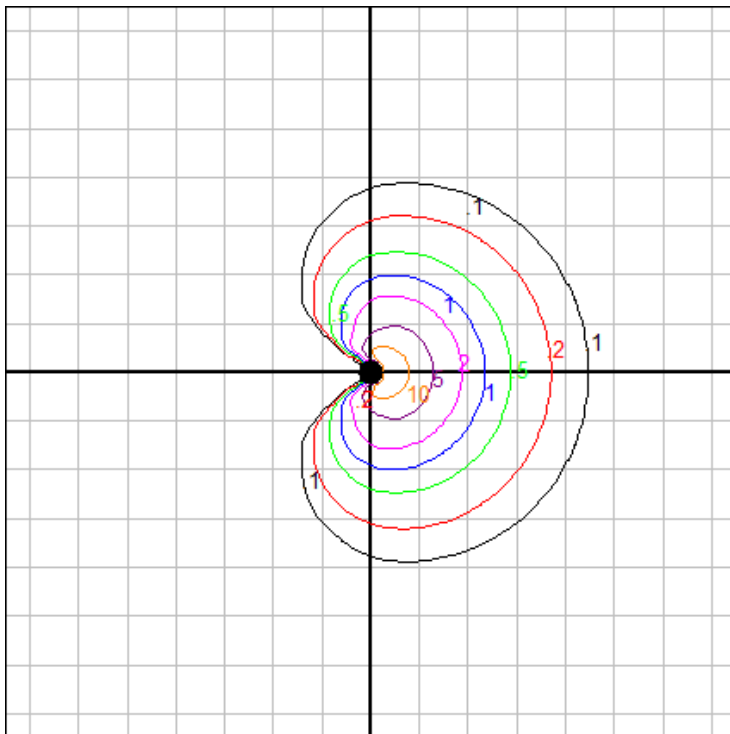
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1340
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	14
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Max. Cd.	642.45 (360H, 70V)
Max. Cd. (<90 Vert.)	642.45 (360H, 70V)
Max. Cd. (At 90 Deg. Vert.)	193.826 (14.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	471.611 (35.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

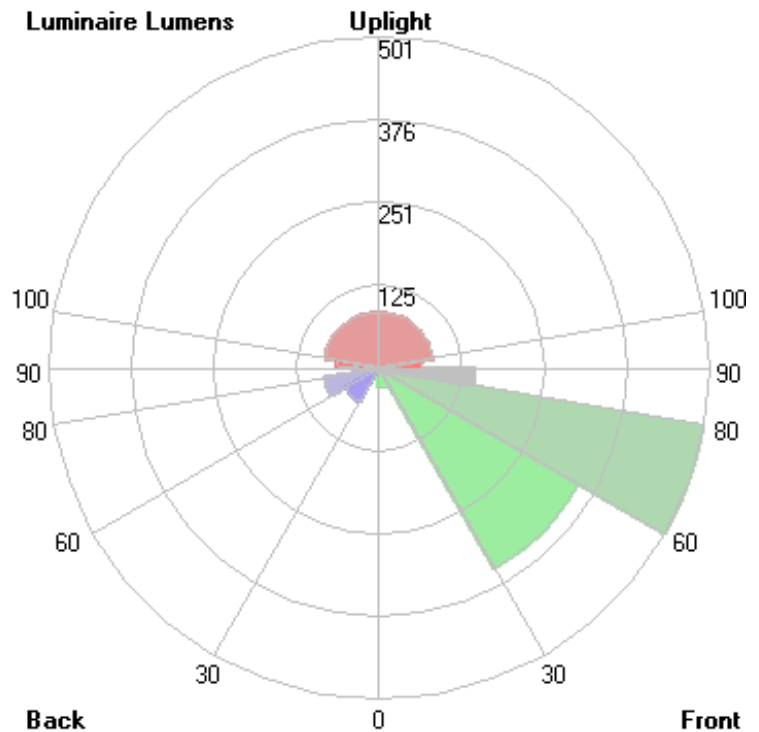
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	29.9	N.A.	2.2
FM (30-60)	350.2	N.A.	26.1
FH (60-80)	501.2	N.A.	37.4
FVH (80-90)	145.0	N.A.	10.8
BL (0-30)	2.7	N.A.	0.2
BM (30-60)	59.6	N.A.	4.4
BH (60-80)	82.6	N.A.	6.2
BVH (80-90)	21.0	N.A.	1.6
UL (90-100)	64.3	N.A.	4.8
UH (100-180)	83.4	N.A.	6.2
Total	1339.9	N.A.	100.0

BUG Rating B0-U3-G2



Shown on tube 99624 (37-1/2" OAH) | Grid Spacing: 5 ft.



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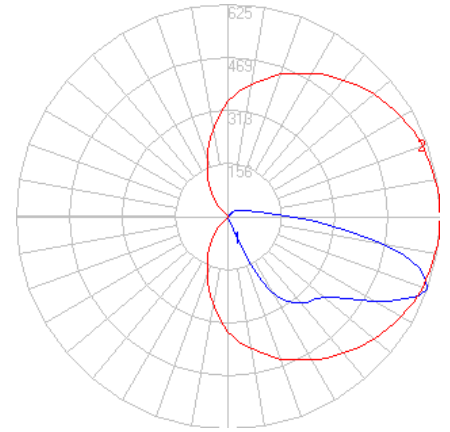
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File: 84707K3_BEGA_IES.ies

TEST: BE_84707K4
TEST LAB: BEGA
DATE: 09/24/2020
LUMINAIRE: 84 707K3
LAMP: 11.6W LED



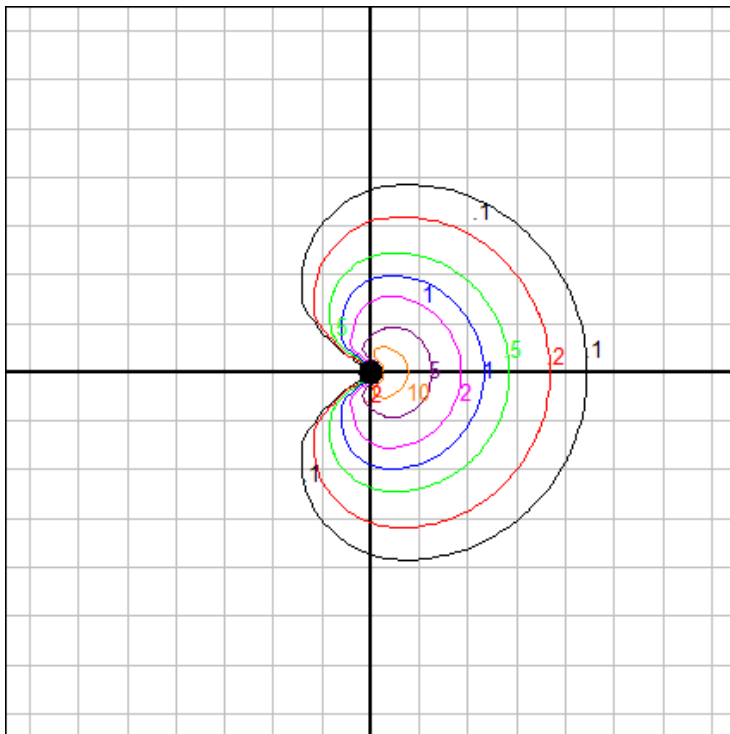
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1304
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	14
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Max. Cd.	625.301 (360H, 70V)
Max. Cd. (<90 Vert.)	625.301 (360H, 70V)
Max. Cd. (At 90 Deg. Vert.)	188.652 (14.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	459.022 (35.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

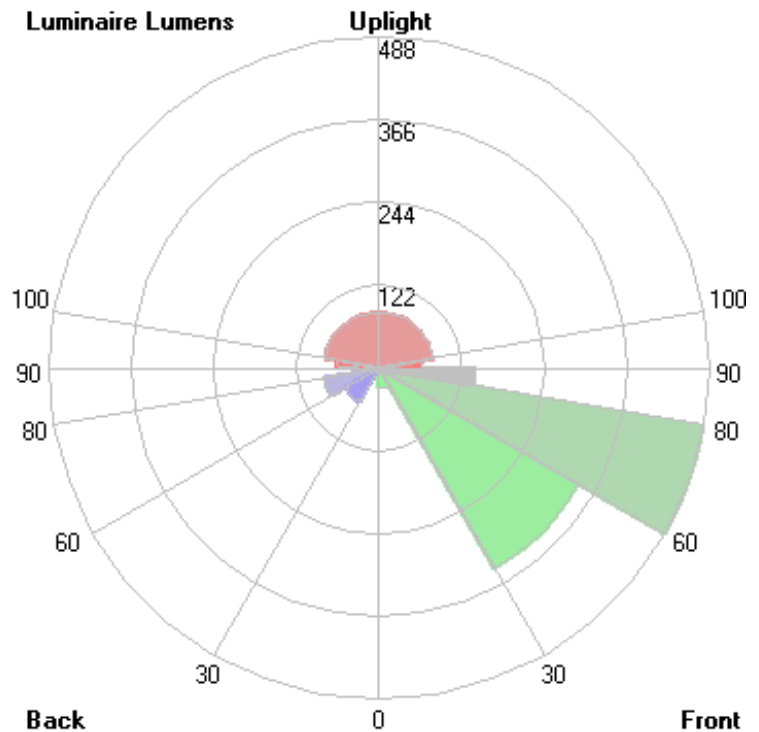
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	29.1	N.A.	2.2
FM (30-60)	340.9	N.A.	26.1
FH (60-80)	487.8	N.A.	37.4
FVH (80-90)	141.2	N.A.	10.8
BL (0-30)	2.7	N.A.	0.2
BM (30-60)	58.0	N.A.	4.4
BH (60-80)	80.4	N.A.	6.2
BVH (80-90)	20.5	N.A.	1.6
UL (90-100)	62.6	N.A.	4.8
UH (100-180)	81.2	N.A.	6.2
Total	1304.4	N.A.	100.0

BUG Rating B0-U3-G2



Shown on tube 99624 (37-1/2" OAH) | Grid Spacing: 5 ft.



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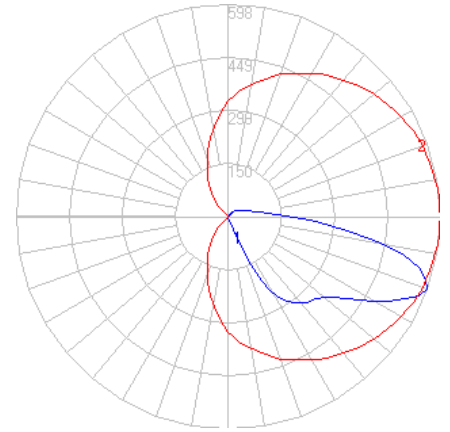
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File: 84707K27_BEGA_IES.ies

TEST: BE_84707K4
TEST LAB: BEGA
DATE: 09/24/2020
LUMINAIRE: 84 707K27
LAMP: 11.6W LED



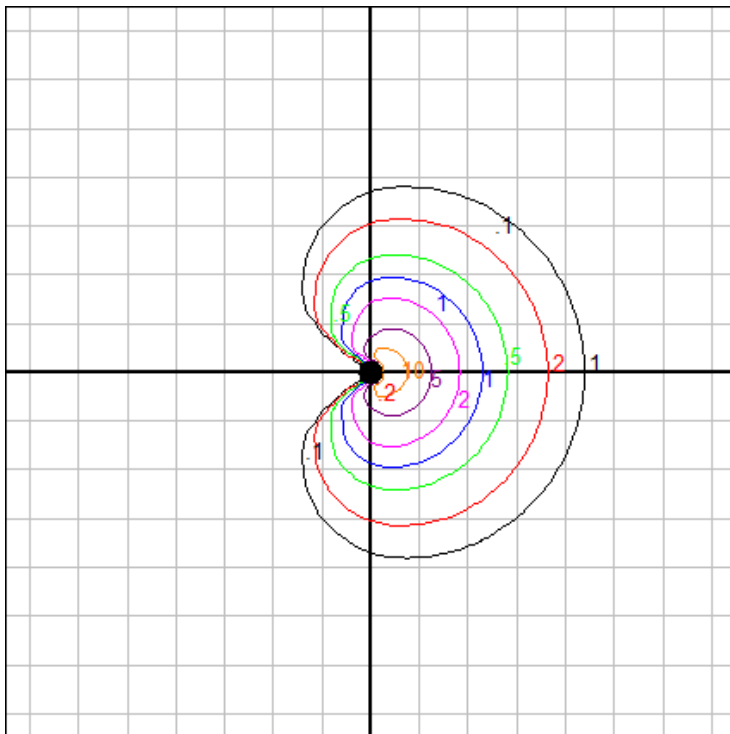
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1248
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	14
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Max. Cd.	598.257 (360H, 70V)
Max. Cd. (<90 Vert.)	598.257 (360H, 70V)
Max. Cd. (At 90 Deg. Vert.)	180.493 (14.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	439.169 (35.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

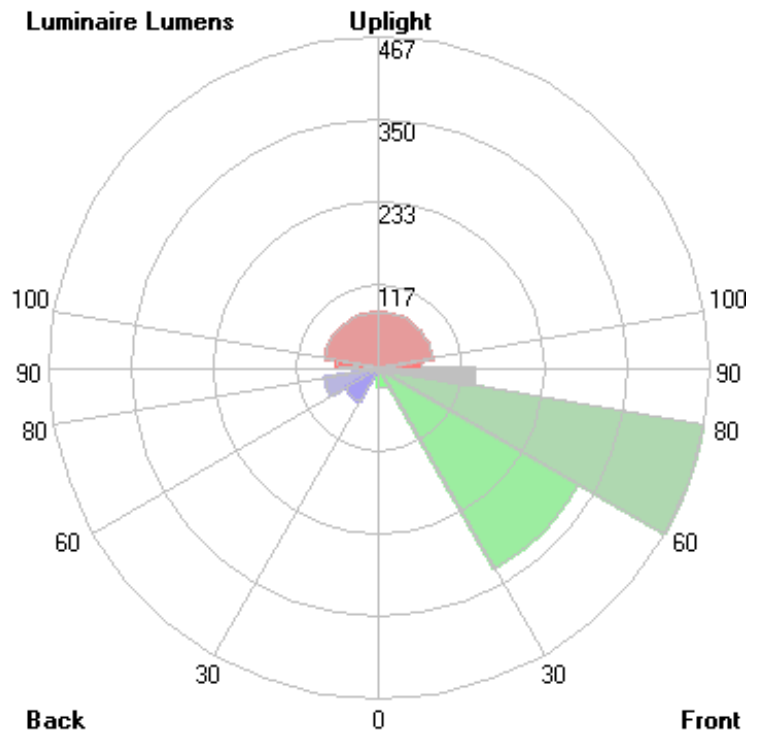
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	27.9	N.A.	2.2
FM (30-60)	326.1	N.A.	26.1
FH (60-80)	466.7	N.A.	37.4
FVH (80-90)	135.1	N.A.	10.8
BL (0-30)	2.5	N.A.	0.2
BM (30-60)	55.5	N.A.	4.4
BH (60-80)	76.9	N.A.	6.2
BVH (80-90)	19.6	N.A.	1.6
UL (90-100)	59.9	N.A.	4.8
UH (100-180)	77.7	N.A.	6.2
Total	1247.9	N.A.	100.0

BUG Rating B0-U3-G2



Shown on tube 99624 (37-1/2" OAH) | Grid Spacing: 5 ft.



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