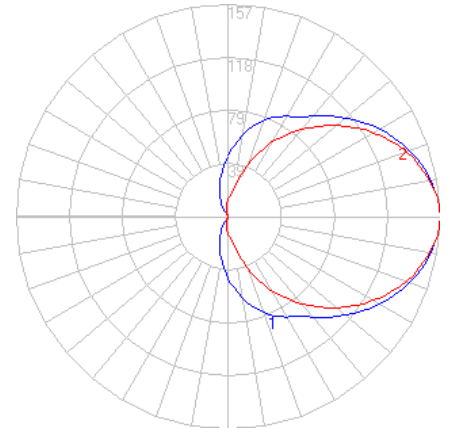


BEGA

File: 24357K4_BEGA_IES.ies

TEST: BEGA_24357K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 357K4
 LAMP: 6.0W LED



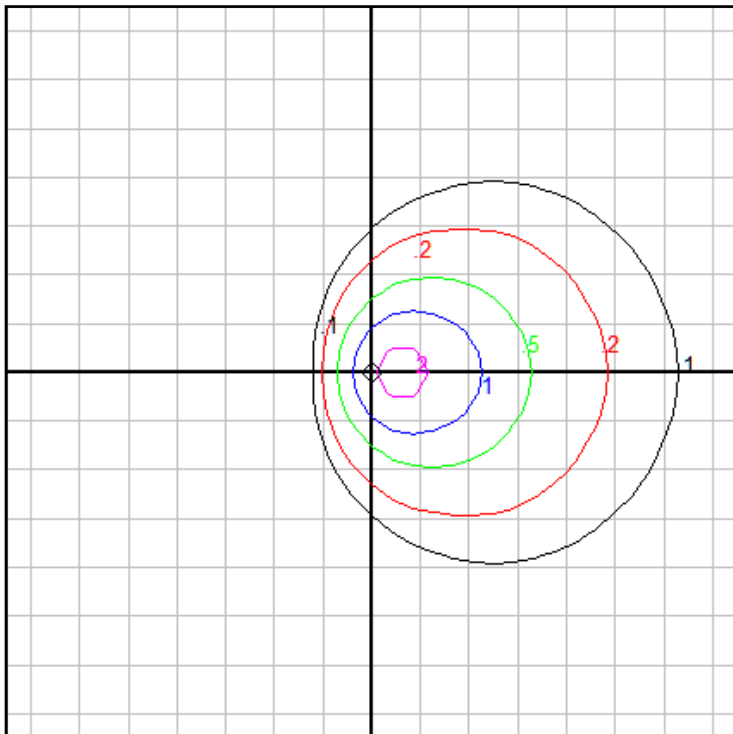
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	541
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.	157.1 (360H, 90V)
Max. Cd. (<90 Vert.)	156.6 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	157.1 (29.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	156.6 (28.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

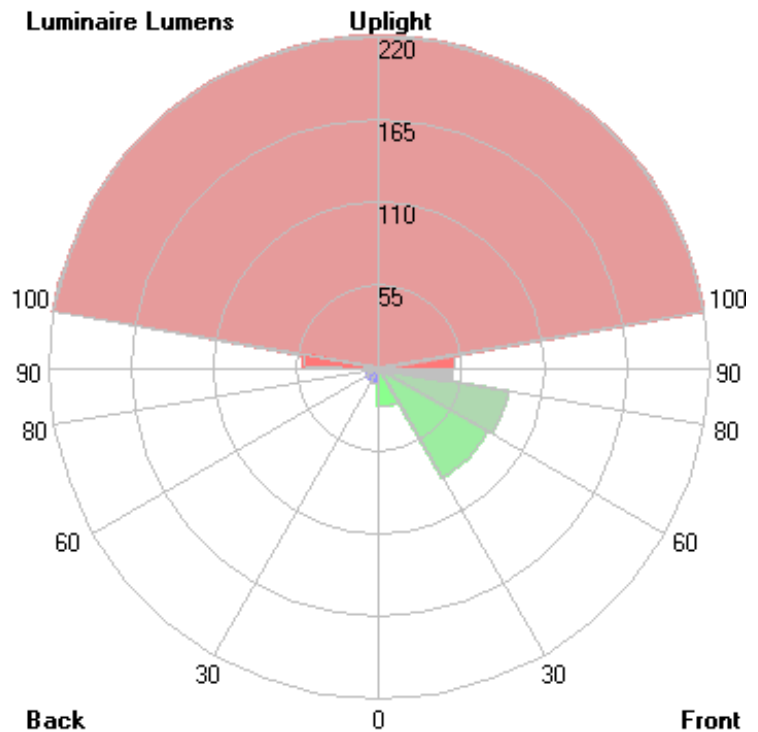
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	25.7	N.A.	4.8
FM (30-60)	84.0	N.A.	15.5
FH (60-80)	87.0	N.A.	16.1
FVH(80-90)	48.9	N.A.	9.0
BL (0-30)	11.0	N.A.	2.0
BM (30-60)	9.6	N.A.	1.8
BH (60-80)	3.0	N.A.	0.6
BVH(80-90)	1.3	N.A.	0.2
UL (90-100)	50.2	N.A.	9.3
UH (100-180)	220.3	N.A.	40.7
Total	541.0	N.A.	100.0

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.

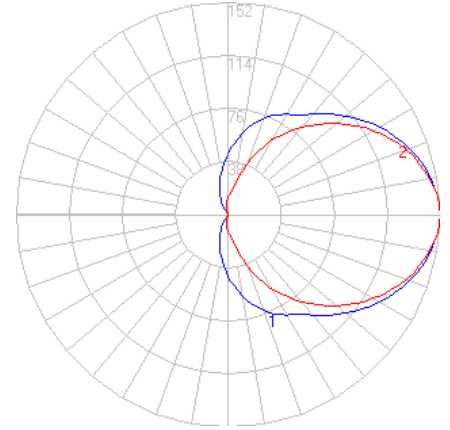
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BEGA

File: 24357K35_BEGA_IES.ies

TEST: BEGA_24357K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 357K35
 LAMP: 6.0W LED



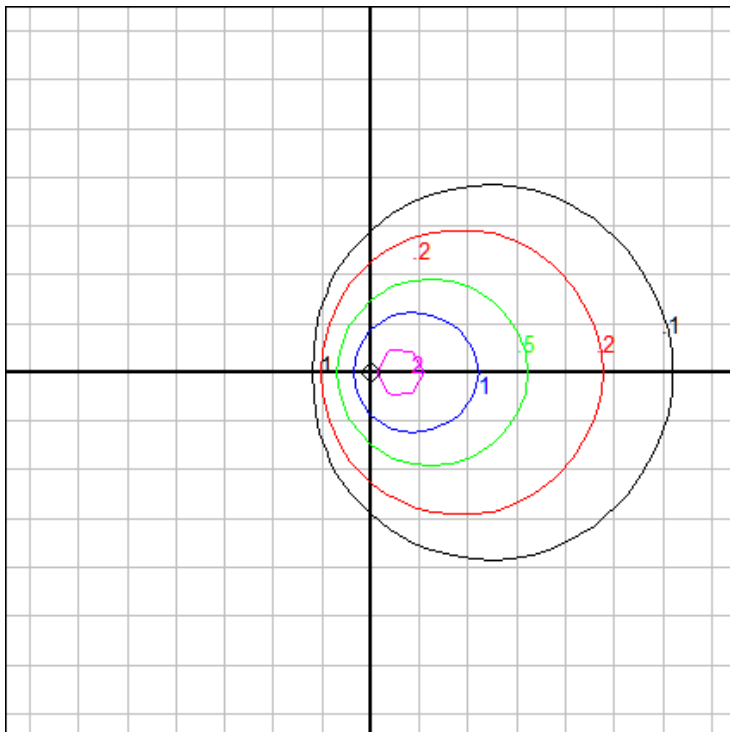
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	522
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	151.601 (360H, 90V)
Max. Cd. (<90 Vert.)	151.119 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	151.601 (29.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	151.119 (29.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

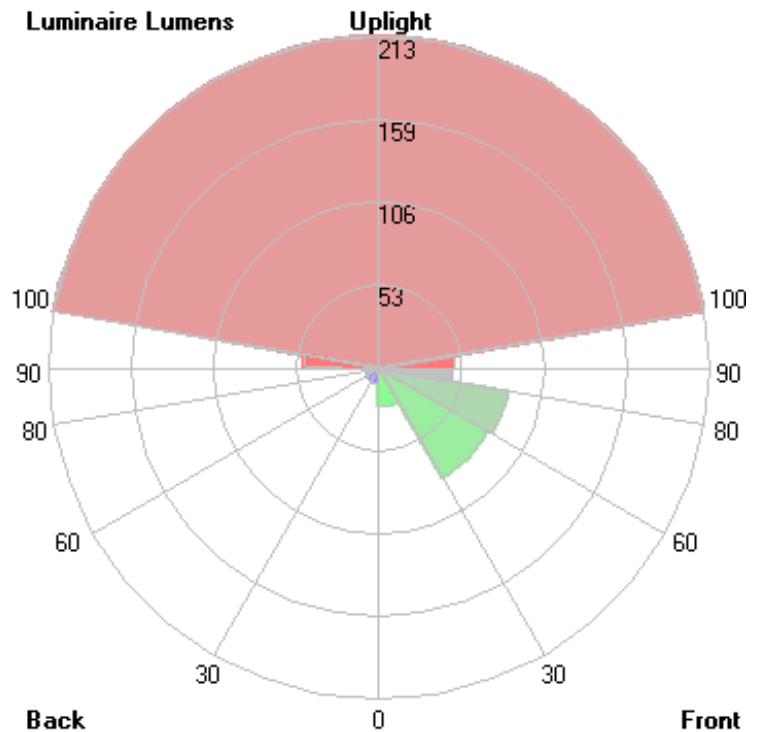
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	24.8	N.A.	4.8
FM (30-60)	81.1	N.A.	15.5
FH (60-80)	84.0	N.A.	16.1
FVH(80-90)	47.2	N.A.	9.0
BL (0-30)	10.6	N.A.	2.0
BM (30-60)	9.3	N.A.	1.8
BH (60-80)	2.9	N.A.	0.6
BV (80-90)	1.2	N.A.	0.2
UL (90-100)	48.4	N.A.	9.3
UH (100-180)	212.6	N.A.	40.7
Total	522.1	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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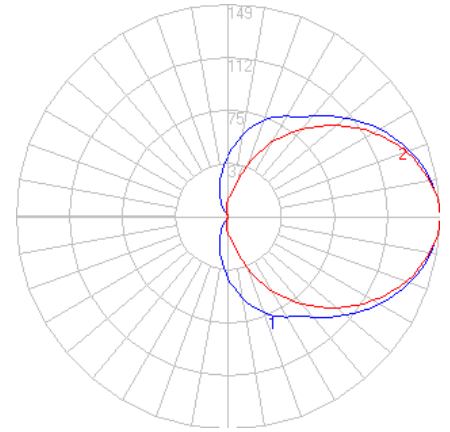
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File: 24357K3_BEGA_IES.ies

TEST: BEGA_24357K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 357K3
 LAMP: 6.0W LED

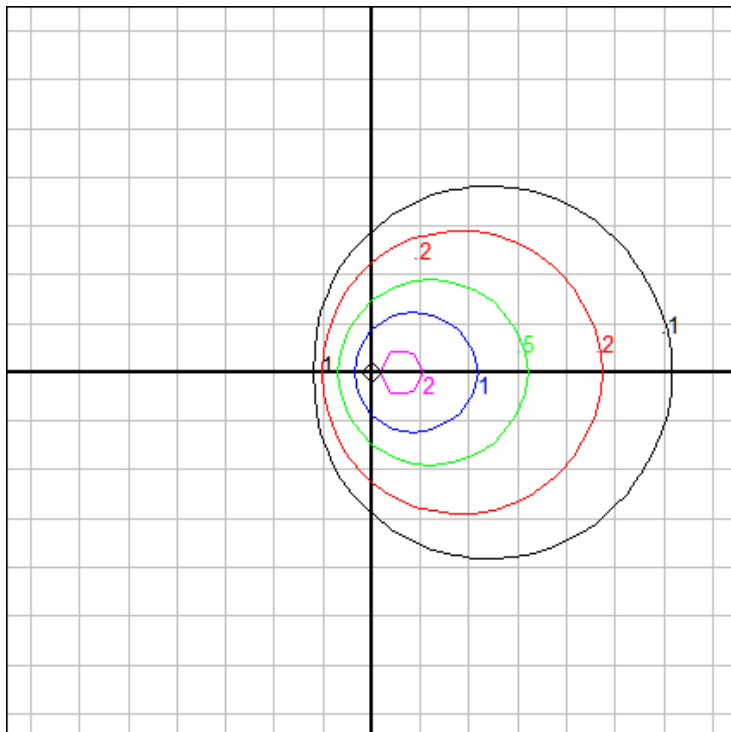


Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	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.	149.402 (360H, 90V)
Max. Cd. (<90 Vert.)	148.927 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	149.402 (29.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	148.927 (28.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

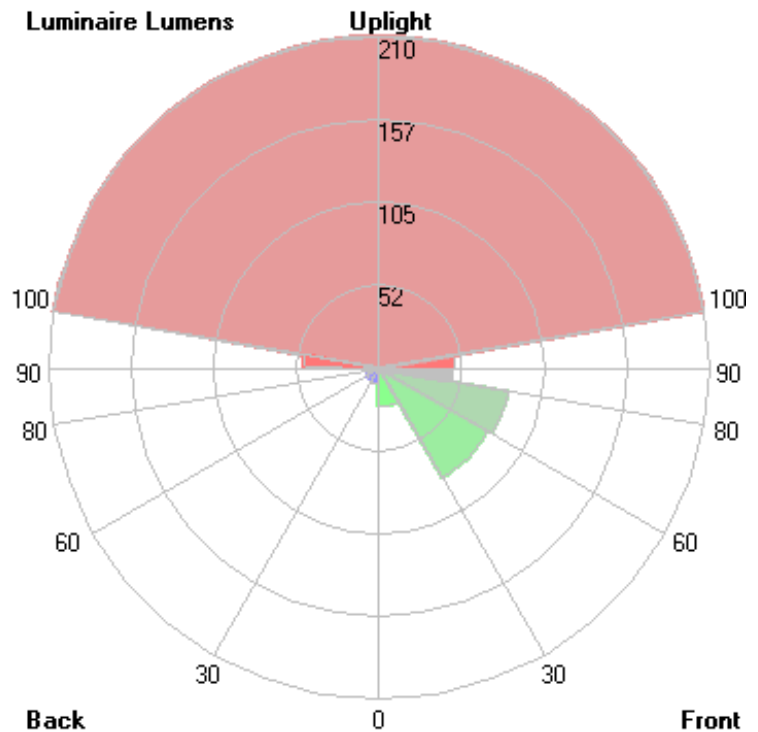
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL(0-30)	24.5	N.A.	4.8
FM(30-60)	79.9	N.A.	15.5
FH(60-80)	82.8	N.A.	16.1
FVH(80-90)	46.5	N.A.	9.0
BL(0-30)	10.4	N.A.	2.0
BM(30-60)	9.1	N.A.	1.8
BH(60-80)	2.8	N.A.	0.6
BVH(80-90)	1.2	N.A.	0.2
UL(90-100)	47.7	N.A.	9.3
UH(100-180)	209.5	N.A.	40.7
Total	514.4	N.A.	100.0
BUG Rating	B0-U3-G1		



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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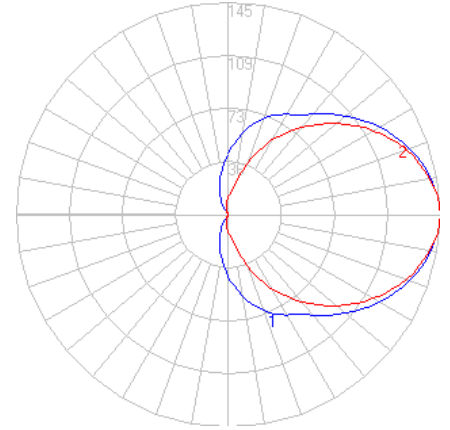
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BEGA

File: 24357K27_BEGA_IES.ies

TEST: BEGA_24357K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 24 357K27
 LAMP: 6.0W LED



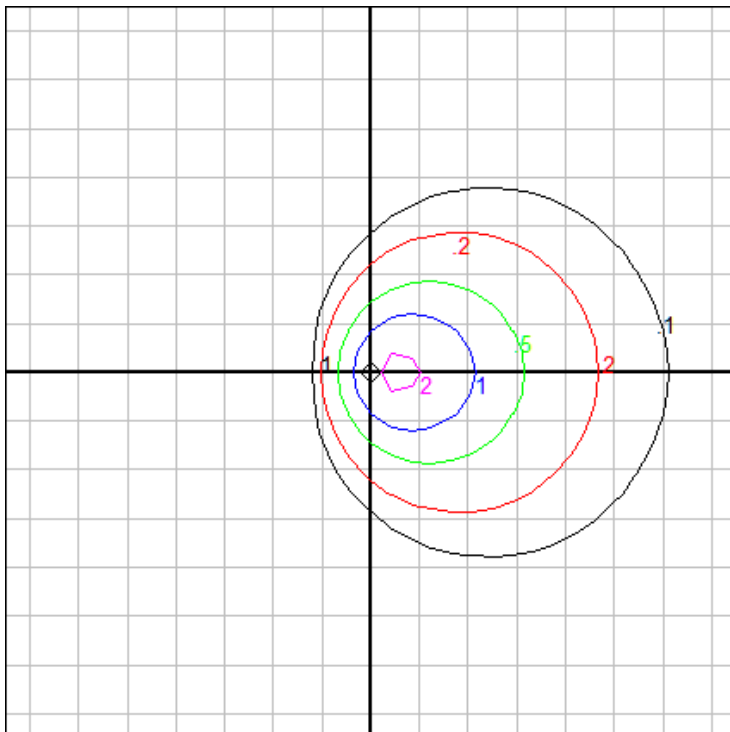
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	500
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	67
Total Luminaire Watts	7.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	145.16 (360H, 90V)
Max. Cd. (<90 Vert.)	144.698 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	145.16 (29.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	144.698 (28.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

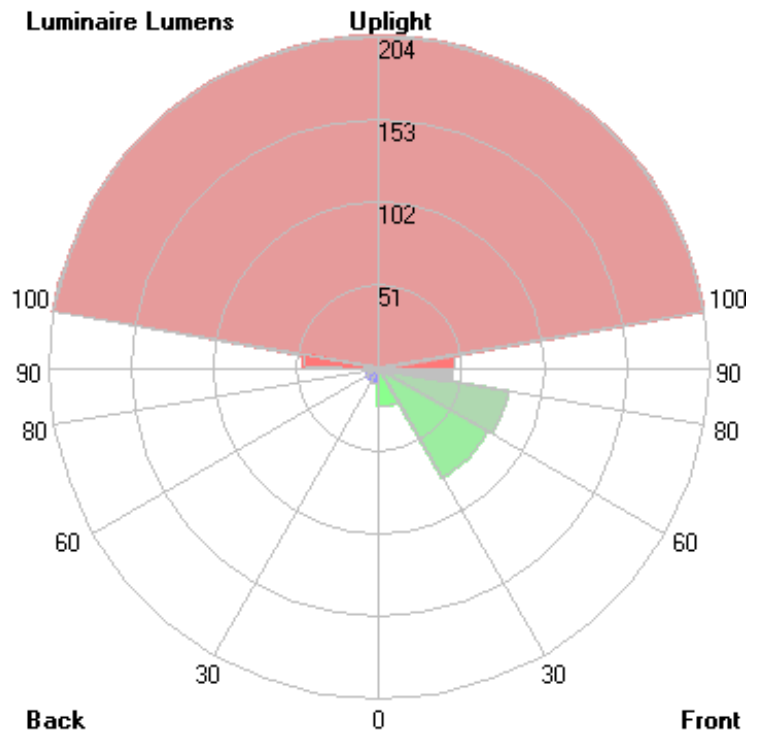
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	23.8	N.A.	4.8
FM (30-60)	77.6	N.A.	15.5
FH (60-80)	80.4	N.A.	16.1
FVH(80-90)	45.2	N.A.	9.0
BL (0-30)	10.1	N.A.	2.0
BM (30-60)	8.9	N.A.	1.8
BH (60-80)	2.8	N.A.	0.6
BVH(80-90)	1.2	N.A.	0.2
UL (90-100)	46.4	N.A.	9.3
UH (100-180)	203.6	N.A.	40.7
Total	500.0	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height: 5 ft.

Grid Spacing: 3 ft.



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