

BEGA

File: 84704K4_BEGA_IES.ies

TEST: BE_84704K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 704K4
LAMP: 16.6W LED

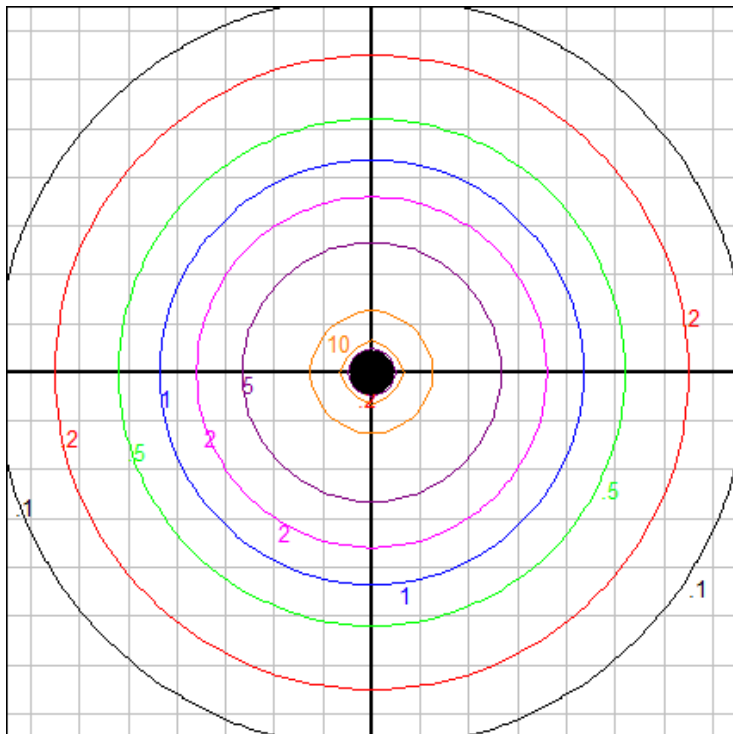
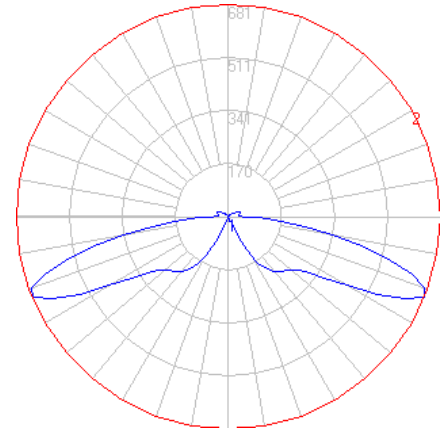
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2132
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	681.3 (0H, 67.5V)
Max. Cd. (<90 Vert.)	681.3 (0H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	52.8 (2.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	341.1 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

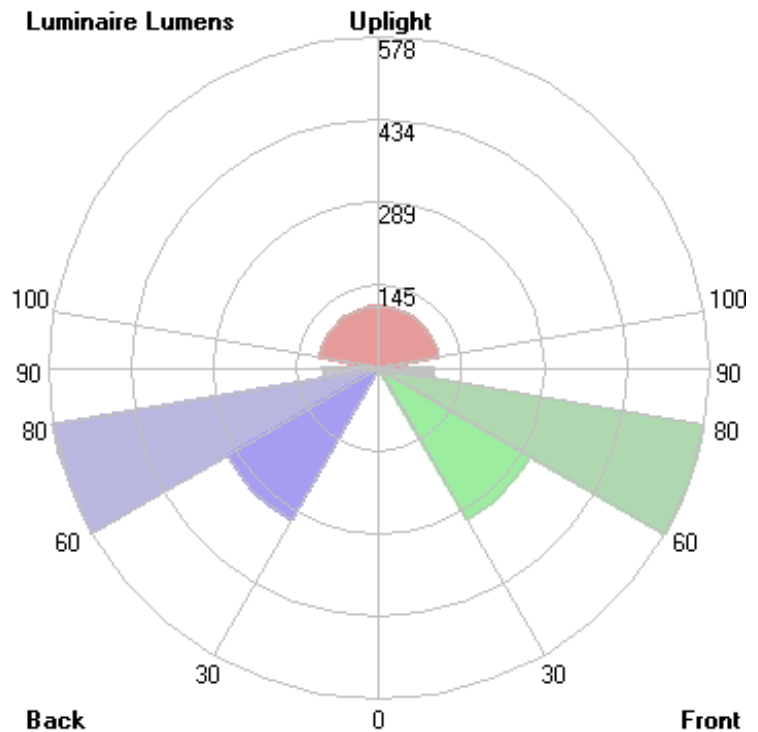
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	11.6	N.A.	0.5
FM (30-60)	306.5	N.A.	14.4
FH (60-80)	578.4	N.A.	27.1
FVH (80-90)	97.0	N.A.	4.5
BL (0-30)	11.6	N.A.	0.5
BM (30-60)	306.5	N.A.	14.4
BH (60-80)	578.4	N.A.	27.1
BVH (80-90)	97.0	N.A.	4.5
UL (90-100)	39.4	N.A.	1.8
UH (100-180)	106.0	N.A.	5.0
Total	2132.4	N.A.	100.0

BUG Rating B2-U3-G1



Shown on tube 99622 (34-3/8" OAH)

Grid Spacing: 2.5 ft.



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File: 84704K35_BEGA_IES.ies

TEST: BE_84704K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 704K35
LAMP: 16.6W LED

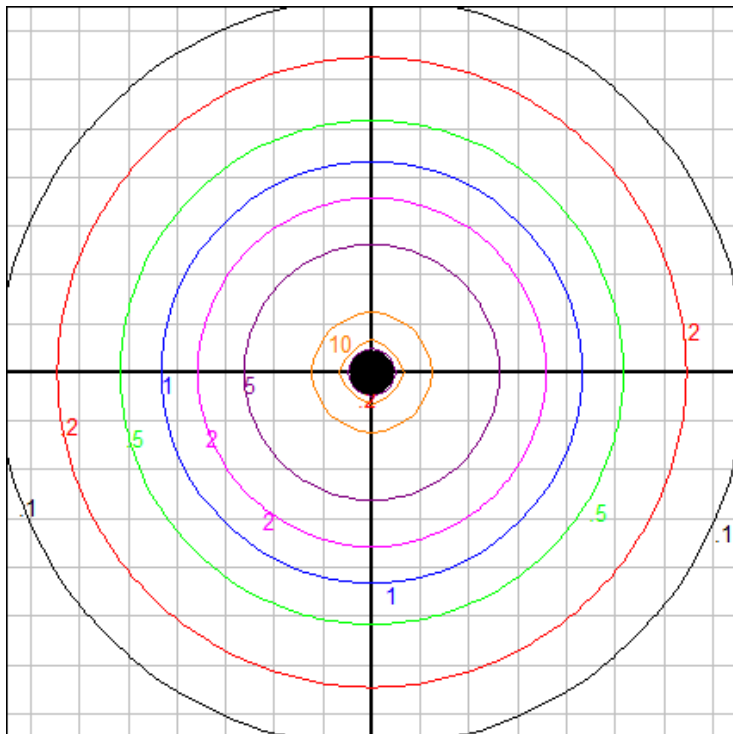
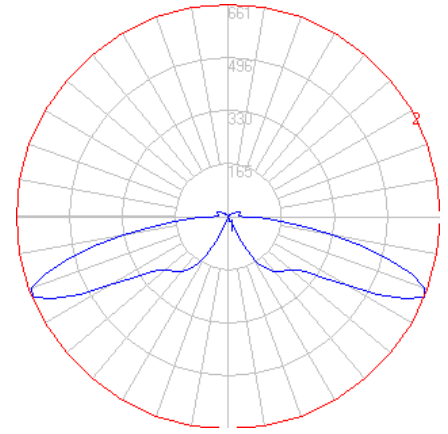
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2068
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	660.861 (0H, 67.5V)
Max. Cd. (<90 Vert.)	660.861 (0H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	51.216 (2.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	330.867 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

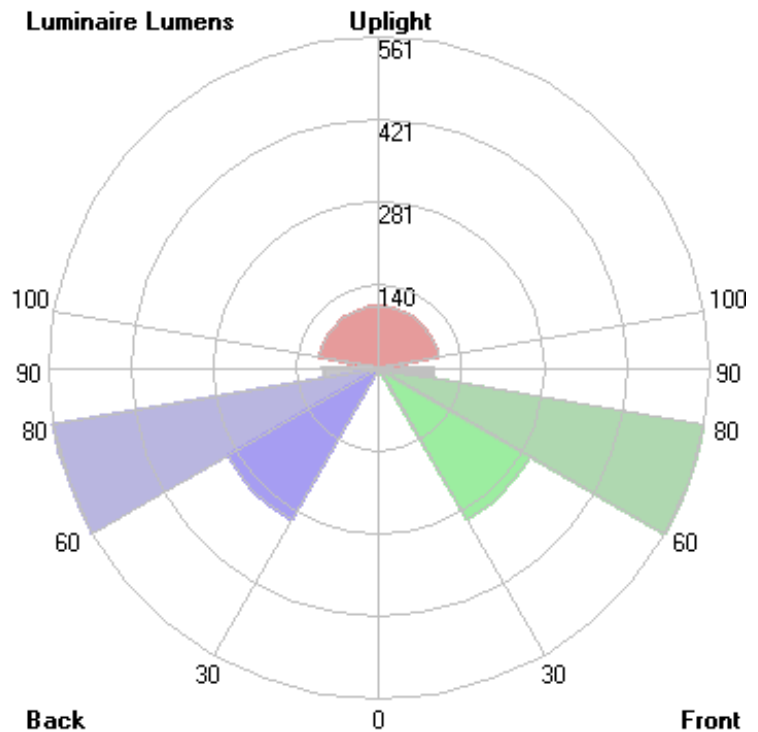
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	11.3	N.A.	0.5
FM (30-60)	297.3	N.A.	14.4
FH (60-80)	561.0	N.A.	27.1
FVH (80-90)	94.1	N.A.	4.5
BL (0-30)	11.3	N.A.	0.5
BM (30-60)	297.3	N.A.	14.4
BH (60-80)	561.0	N.A.	27.1
BVH (80-90)	94.1	N.A.	4.5
UL (90-100)	38.2	N.A.	1.8
UH (100-180)	102.9	N.A.	5.0
Total	2068.5	N.A.	100.0

BUG Rating B2-U3-G1



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File: 84704K3_BEGA_IES.ies

TEST: BE_84704K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 704K3
LAMP: 16.6W LED

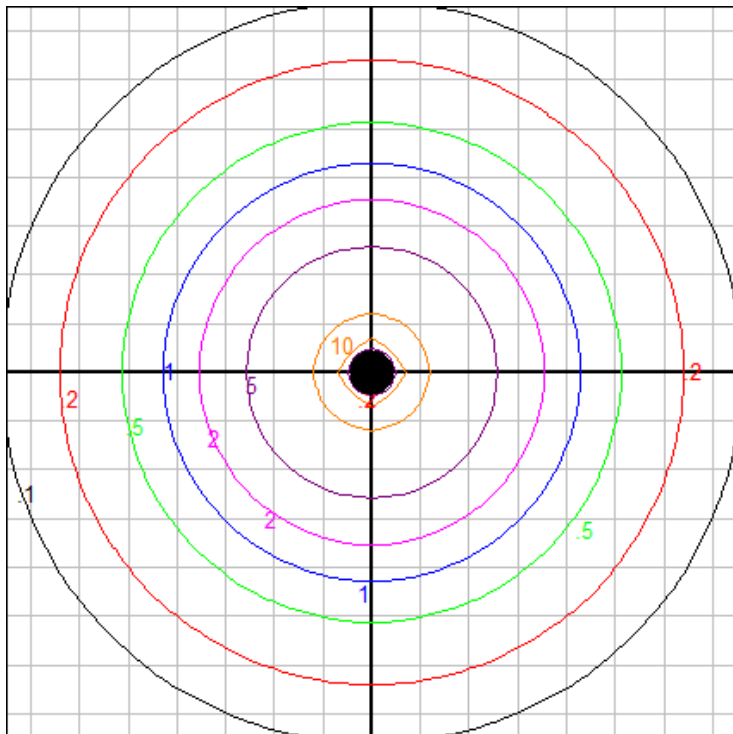
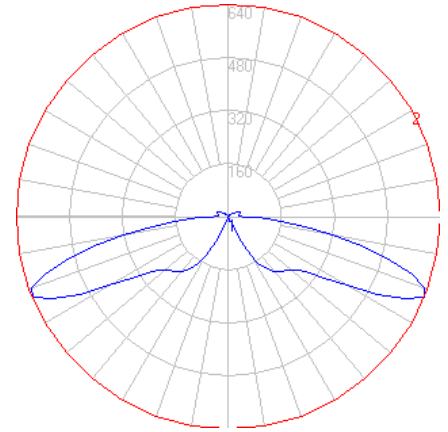
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2004
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	640.422 (0H, 67.5V)
Max. Cd. (<90 Vert.)	640.422 (0H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	49.632 (2.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	320.634 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

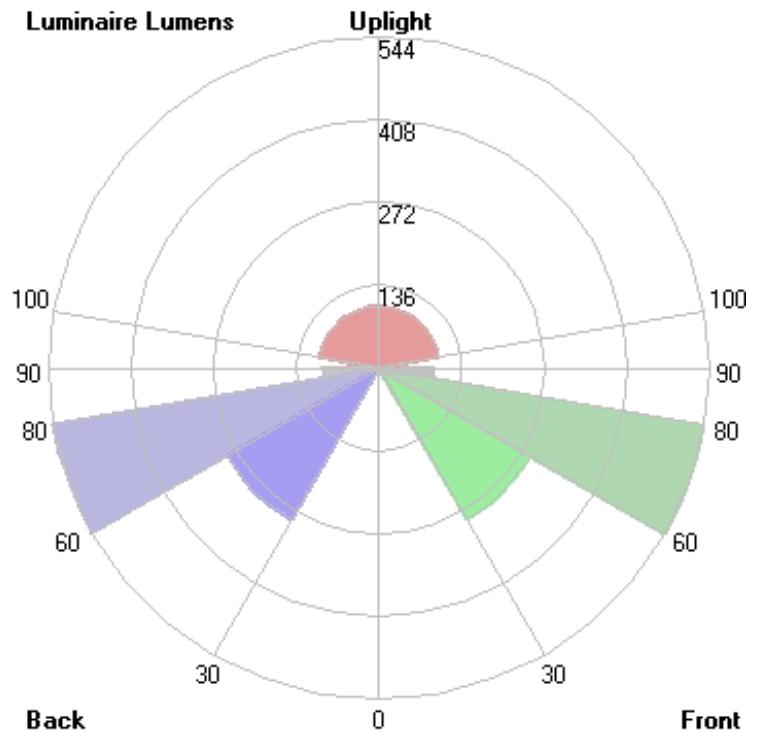
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	10.9	N.A.	0.5
FM (30-60)	288.1	N.A.	14.4
FH (60-80)	543.7	N.A.	27.1
FVH (80-90)	91.2	N.A.	4.5
BL (0-30)	10.9	N.A.	0.5
BM (30-60)	288.1	N.A.	14.4
BH (60-80)	543.7	N.A.	27.1
BVH (80-90)	91.2	N.A.	4.5
UL (90-100)	37.0	N.A.	1.8
UH (100-180)	99.7	N.A.	5.0
Total	2004.5	N.A.	100.0

BUG Rating B2-U3-G1



Shown on tube 99622 (34-3/8" OAH)

Grid Spacing: 2.5 ft.



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File: 84704K27_BEGA_IES.ies

TEST: BE_84704K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 704K27
LAMP: 16.6W LED

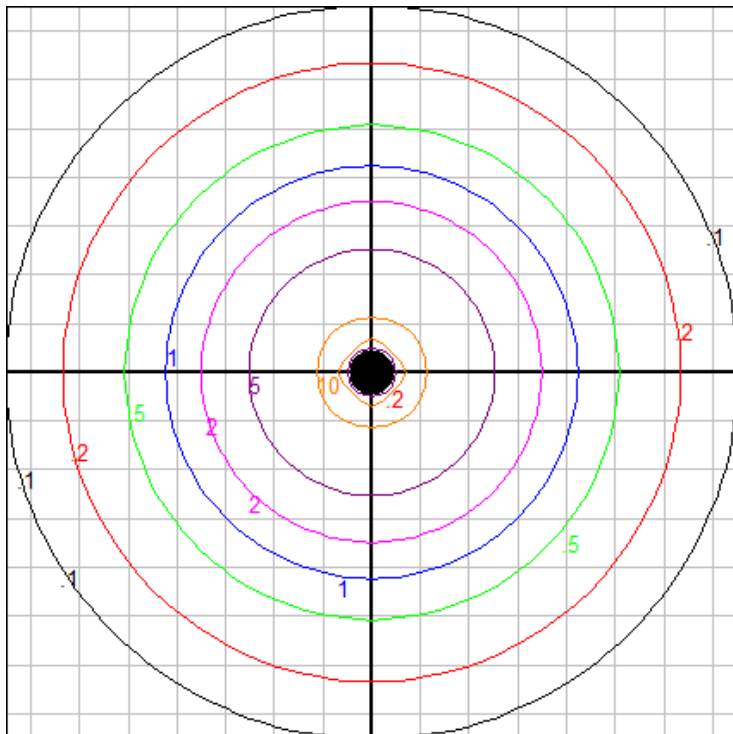
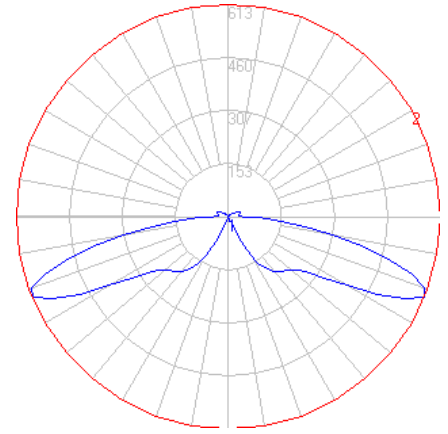
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1919
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	613.17 (0H, 67.5V)
Max. Cd. (<90 Vert.)	613.17 (0H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	47.52 (2.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	306.99 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

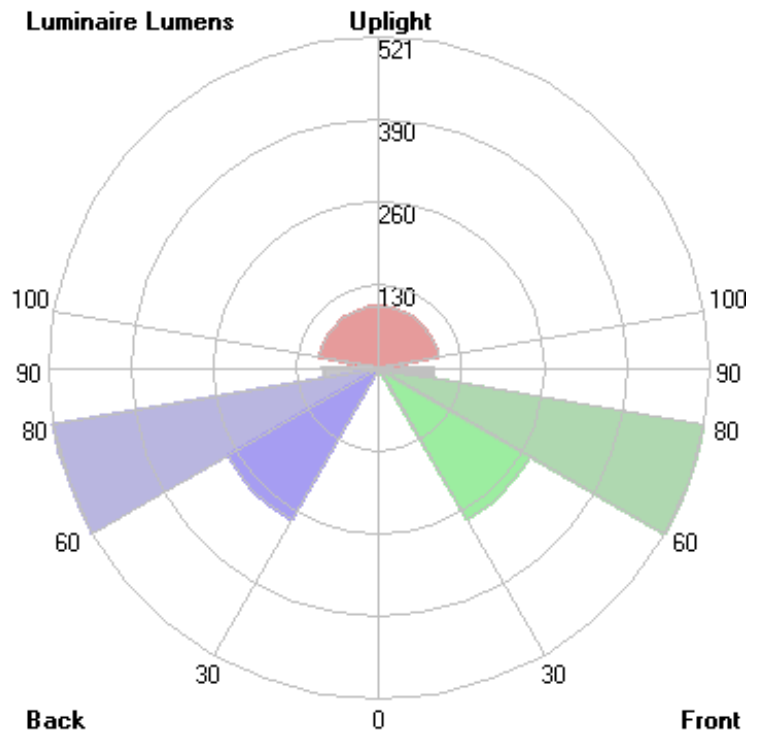
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	10.5	N.A.	0.5
FM (30-60)	275.8	N.A.	14.4
FH (60-80)	520.5	N.A.	27.1
FVH (80-90)	87.3	N.A.	4.5
BL (0-30)	10.5	N.A.	0.5
BM (30-60)	275.8	N.A.	14.4
BH (60-80)	520.5	N.A.	27.1
BVH (80-90)	87.3	N.A.	4.5
UL (90-100)	35.4	N.A.	1.8
UH (100-180)	95.4	N.A.	5.0
Total	1919.0	N.A.	100.0

BUG Rating B2-U3-G1



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