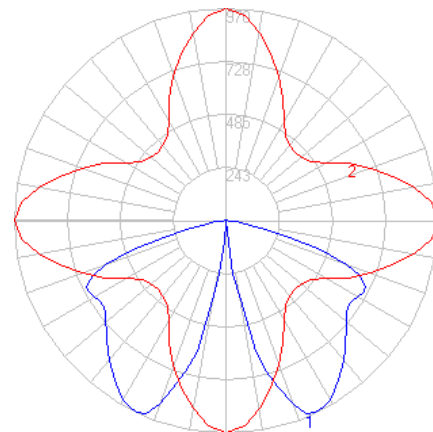


# BEGA

File: 84064K4\_BEGA\_IES.ies

TEST: BE\_84064K4  
 TEST LAB: BEGA  
 DATE: 02/10/2021  
 LUMINAIRE: 84 064K4  
 LAMP: 39.0W LED



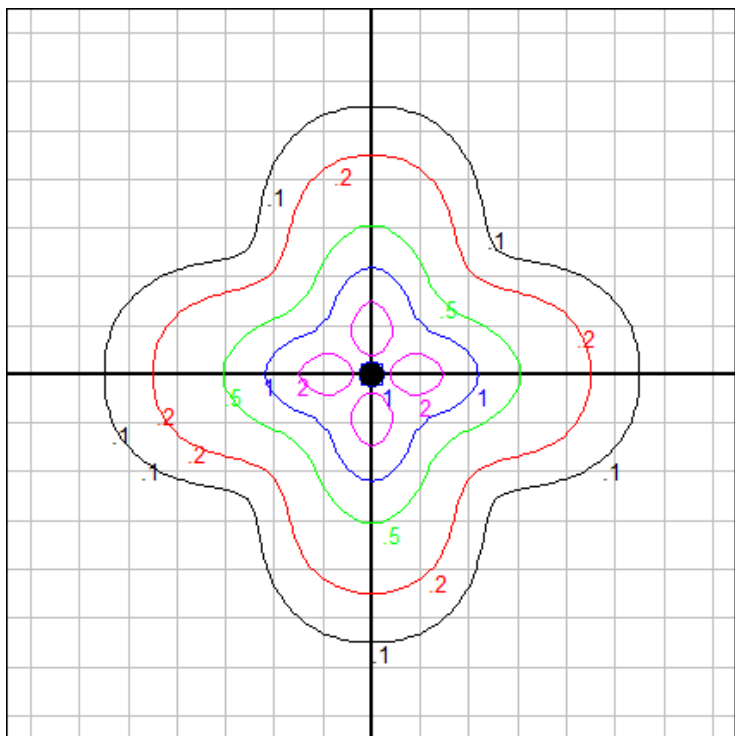
## Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2416
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	50
Total Luminaire Watts	48
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	970.4 (90H, 25V)
Max. Cd. (<90 Vert.)	970.4 (90H, 25V)
Max. Cd. (At 90 Deg. Vert.)	18.4 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	110.1 (4.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

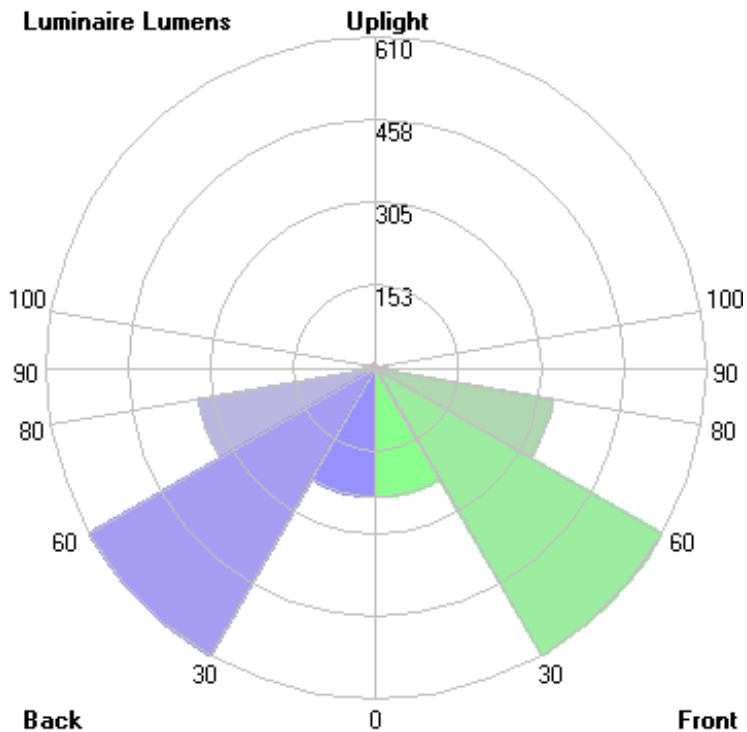
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	236.5	N.A.	9.8
FM (30-60)	610.1	N.A.	25.2
FH (60-80)	331.4	N.A.	13.7
FVH (80-90)	23.4	N.A.	1.0
BL (0-30)	236.5	N.A.	9.8
BM (30-60)	610.1	N.A.	25.2
BH (60-80)	331.4	N.A.	13.7
BVH (80-90)	23.4	N.A.	1.0
UL (90-100)	8.6	N.A.	0.4
UH (100-180)	5.0	N.A.	0.2
Total	2416.4	N.A.	100.0

**BUG Rating B1-U1-G1**



Grid Spacing: 7.5 ft.

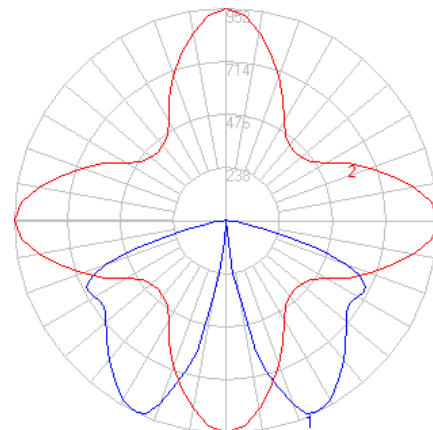


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 84064K35\_BEGA\_IES.ies

TEST: BE\_84064K4  
 TEST LAB: BEGA  
 DATE: 02/10/2021  
 LUMINAIRE: 84 064K35  
 LAMP: 39.0W LED



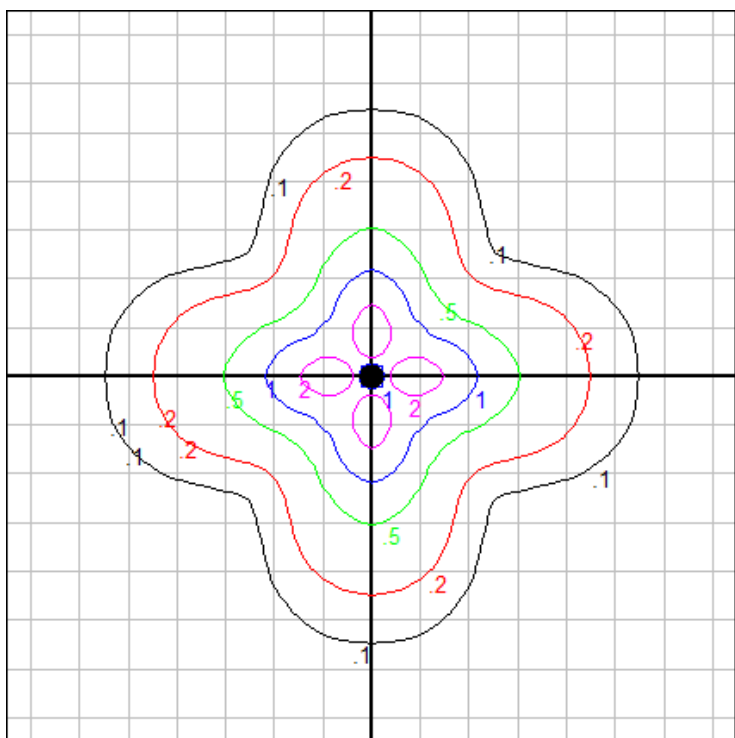
## Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2370
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	48
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	951.962 (90H, 25V)
Max. Cd. (<90 Vert.)	951.962 (90H, 25V)
Max. Cd. (At 90 Deg. Vert.)	18.05 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	108.008 (4.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

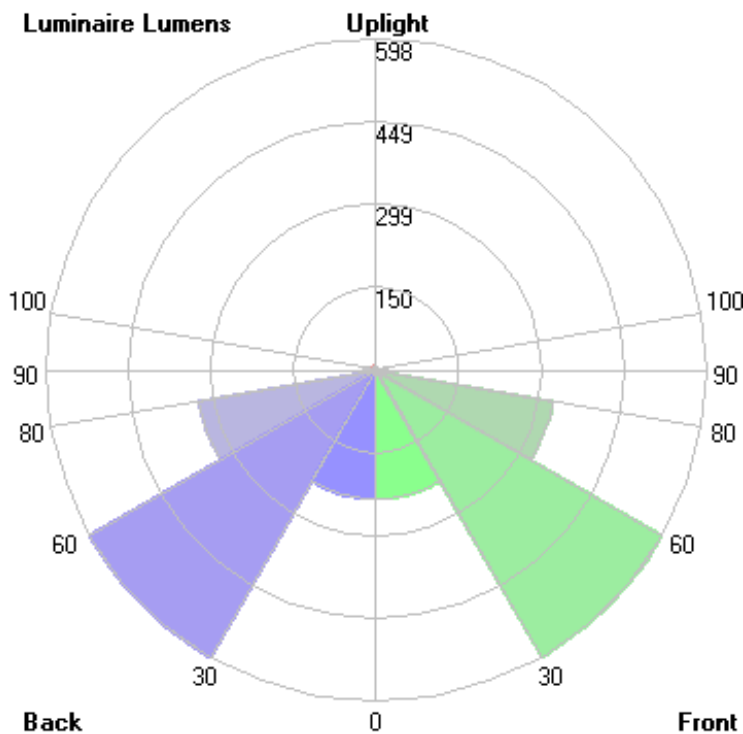
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	232.0	N.A.	9.8
FM (30-60)	598.5	N.A.	25.2
FH (60-80)	325.1	N.A.	13.7
FVH (80-90)	22.9	N.A.	1.0
BL (0-30)	232.0	N.A.	9.8
BM (30-60)	598.5	N.A.	25.2
BH (60-80)	325.1	N.A.	13.7
BVH (80-90)	22.9	N.A.	1.0
UL (90-100)	8.4	N.A.	0.4
UH (100-180)	4.9	N.A.	0.2
Total	2370.3	N.A.	100.0

**BUG Rating B1-U1-G1**



Grid Spacing: 7.5 ft.

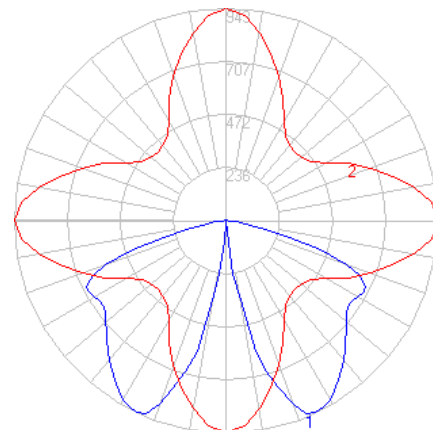


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 84064K3\_BEGA\_IES.ies

TEST: BE\_84064K4  
 TEST LAB: BEGA  
 DATE: 02/10/2021  
 LUMINAIRE: 84 064K3  
 LAMP: 39.0W LED



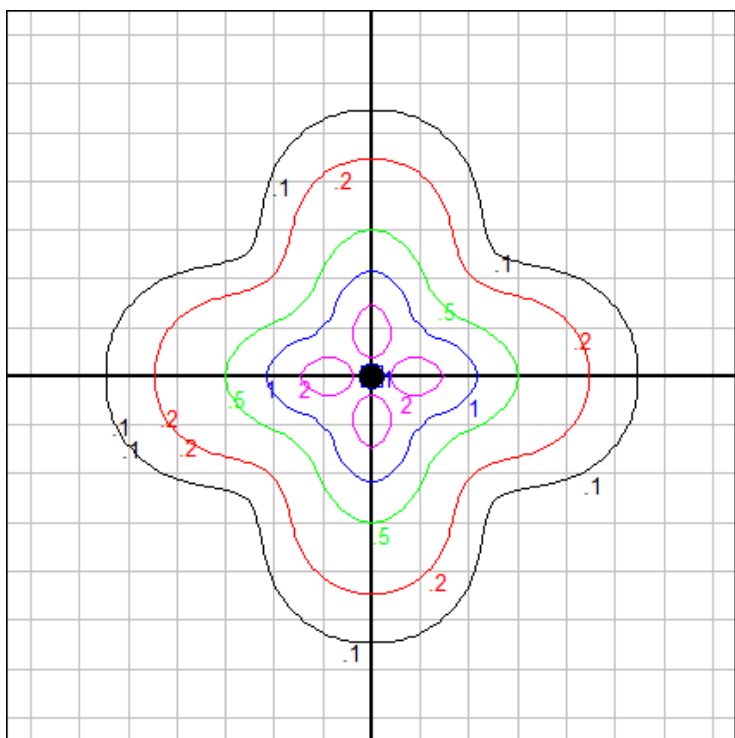
## Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2349
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	48
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	943.229 (90H, 25V)
Max. Cd. (<90 Vert.)	943.229 (90H, 25V)
Max. Cd. (At 90 Deg. Vert.)	17.885 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	107.017 (4.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

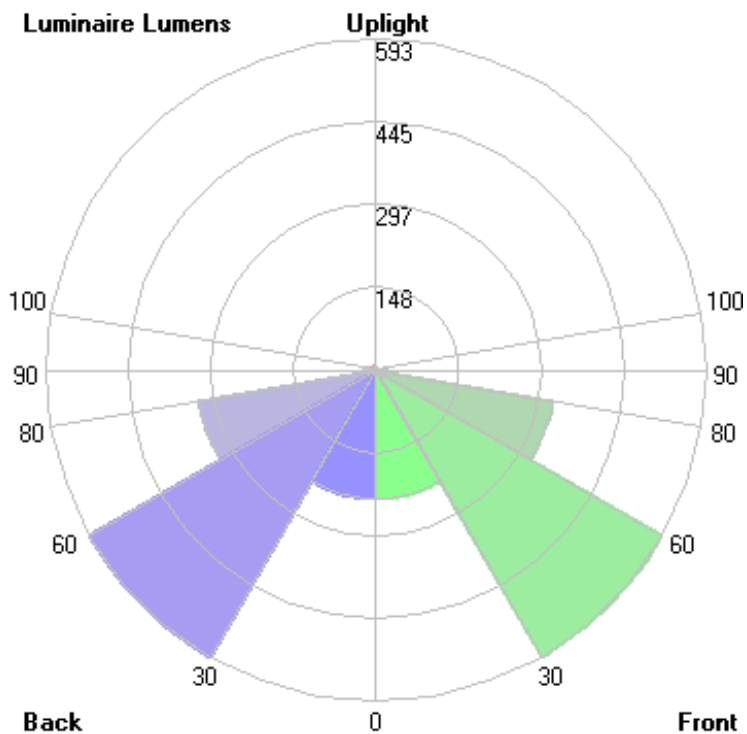
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	229.9	N.A.	9.8
FM (30-60)	593.0	N.A.	25.2
FH (60-80)	322.1	N.A.	13.7
FVH (80-90)	22.7	N.A.	1.0
BL (0-30)	229.9	N.A.	9.8
BM (30-60)	593.0	N.A.	25.2
BH (60-80)	322.1	N.A.	13.7
BVH (80-90)	22.7	N.A.	1.0
UL (90-100)	8.4	N.A.	0.4
UH (100-180)	4.9	N.A.	0.2
Total	2348.7	N.A.	100.0

**BUG Rating B1-U1-G1**



Grid Spacing: 7.5 ft.

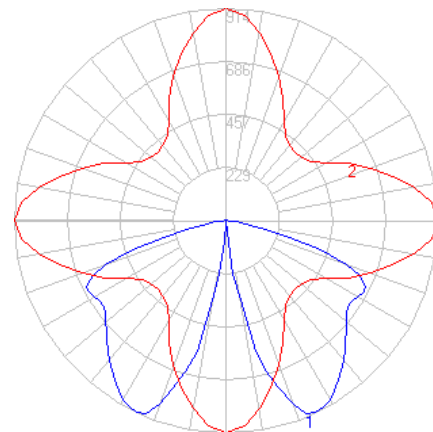


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 84064K27\_BEGA\_IES.ies

TEST: BE\_84064K4  
 TEST LAB: BEGA  
 DATE: 02/10/2021  
 LUMINAIRE: 84 064K27  
 LAMP: 39.0W LED



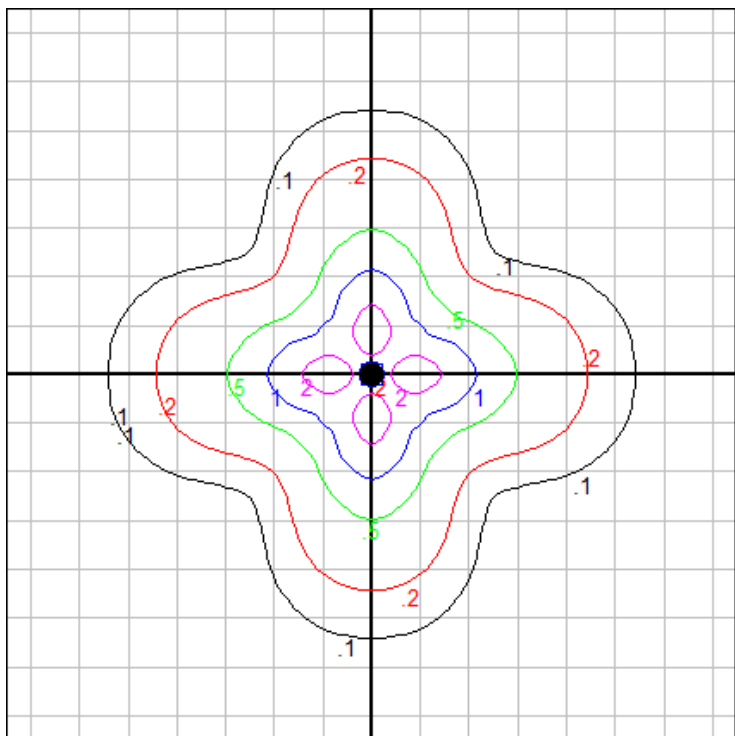
## Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2276
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	47
Total Luminaire Watts	48
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	914.117 (90H, 25V)
Max. Cd. (<90 Vert.)	914.117 (90H, 25V)
Max. Cd. (At 90 Deg. Vert.)	17.333 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	103.714 (4.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

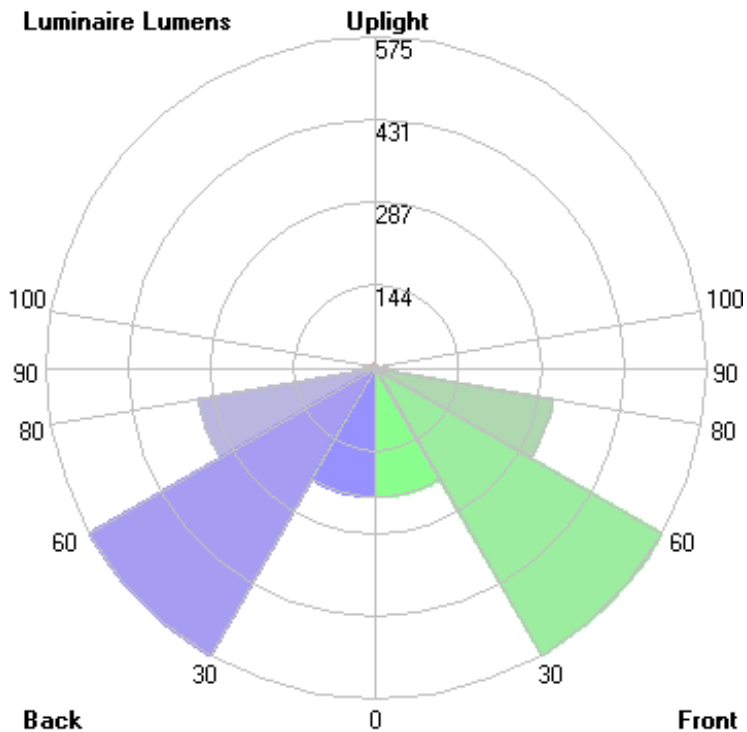
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	222.8	N.A.	9.8
FM (30-60)	574.7	N.A.	25.3
FH (60-80)	312.1	N.A.	13.7
FVH (80-90)	22.0	N.A.	1.0
BL (0-30)	222.8	N.A.	9.8
BM (30-60)	574.7	N.A.	25.3
BH (60-80)	312.1	N.A.	13.7
BVH (80-90)	22.0	N.A.	1.0
UL (90-100)	8.1	N.A.	0.4
UH (100-180)	4.7	N.A.	0.2
Total	2276.0	N.A.	100.0

**BUG Rating B1-U1-G1**



Grid Spacing: 7.5 ft.



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