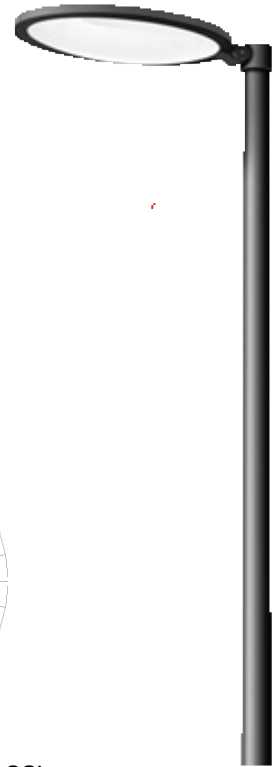


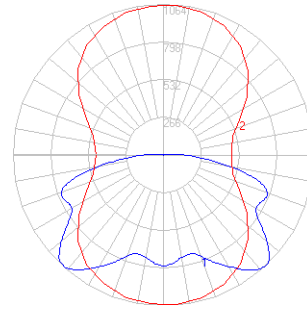
# BEGA



Photometric Filename: 77839.ies

TEST: 20626  
 TEST LAB: LUMINAIRE TESTING LABORATORY, INC.  
 DATE: 3/19/2011  
 LUMINAIRE: 77 839 TWIN  
 LAMP: 52W LED

All results in accordance with IESNA LM-79-08



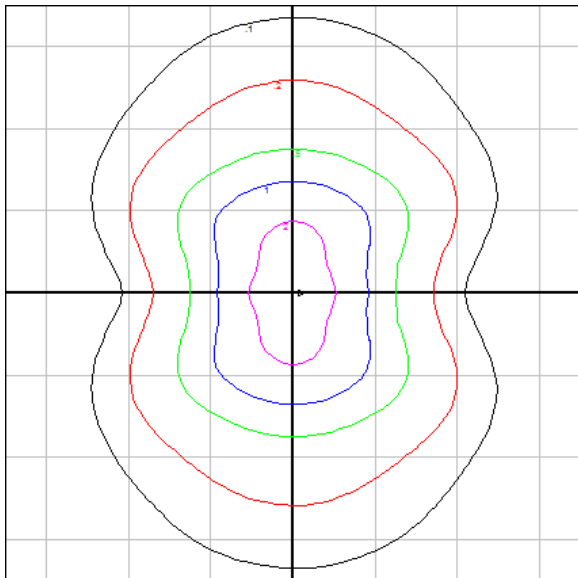
### Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3627
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	31.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	1063.7 (85H, 43V)
Max. Cd. (<90 Vert.)	1063.7 (85H, 43V)
Max. Cd. (At 90 Deg. Vert.)	148.38 (4.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	481.42 (13.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

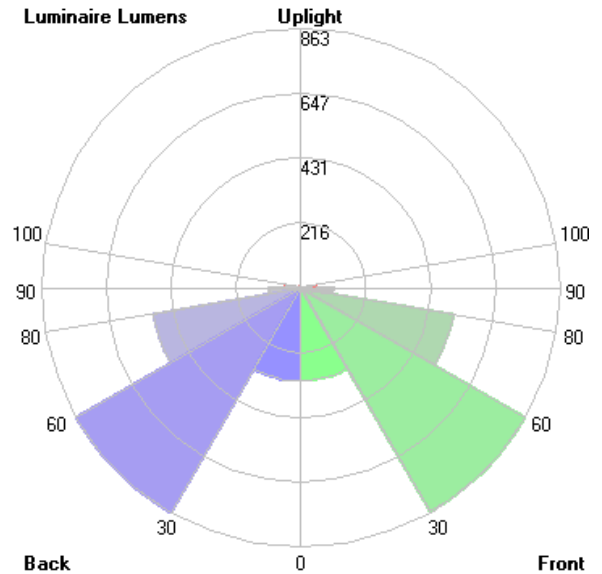
### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	309.8	N.A.	8.5
FM (30-60)	861.1	N.A.	23.7
FH (60-80)	514.2	N.A.	14.2
FVH(80-90)	108.6	N.A.	3.0
BL (0-30)	311.0	N.A.	8.6
BM (30-60)	862.6	N.A.	23.8
BH (60-80)	499.8	N.A.	13.8
BVH(80-90)	102.9	N.A.	2.8
UL (90-100)	52.5	N.A.	1.4
UH (100-180)	4.9	N.A.	0.1
<b>Total</b>	<b>3627.4</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B1-U3-G2**



Mounting Height = 16 ft. Grid Spacing = 14 ft.



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