



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-40K-2R-XX-170 S.IES

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-40K-2R-XX-190

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM3-60J-MV-40K-2R-XX-170 S

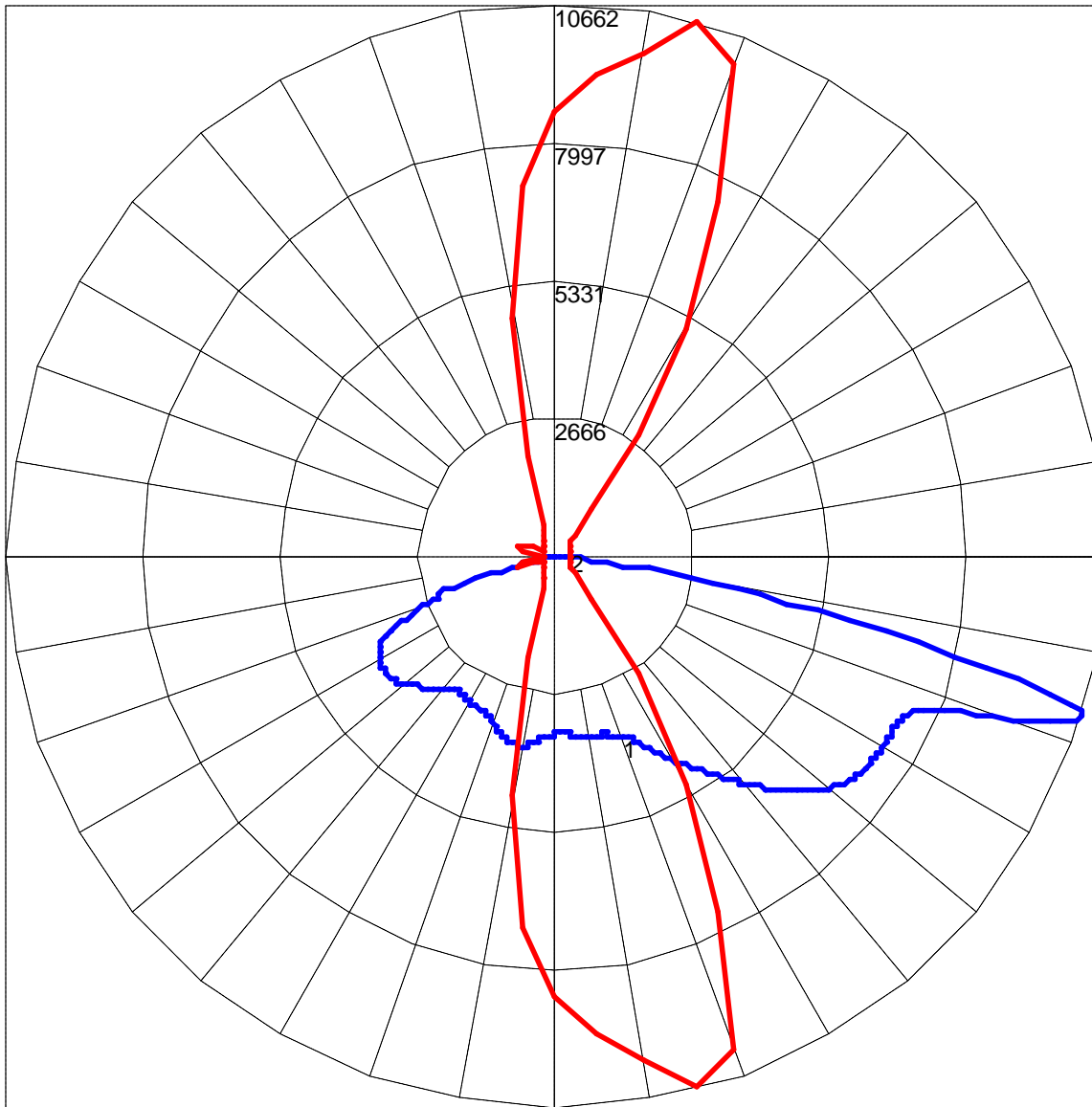
## CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17125
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	154
Total Luminaire Watts	111
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	10662.278
Maximum Candela Angle	75H 73V
Maximum Candela (<90 Degrees Vertical)	10662.278
Maximum Candela Angle (<90 Degrees Vertical)	75H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3141.449 (18.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

## LUMINAIRE CLASSIFICATION SYSTEM (LCS)

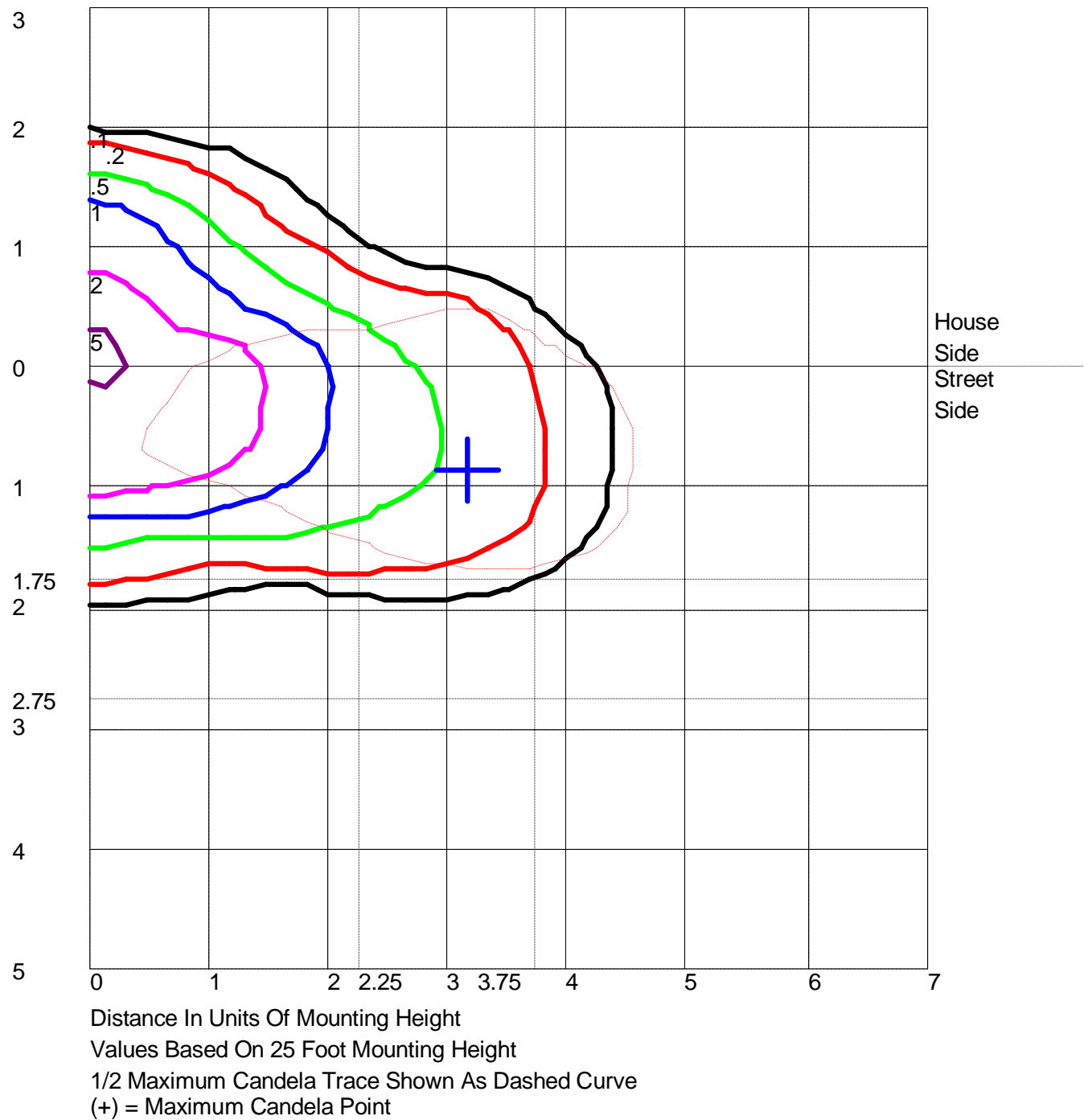
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1560.3	N.A.	9.1
FM - Front-Medium (30-60)	5798.8	N.A.	33.9
FH - Front-High (60-80)	3250.9	N.A.	19.0
FVH - Front-Very High (80-90)	100.0	N.A.	0.6
BL - Back-Low (0-30)	1452.6	N.A.	8.5
BM - Back-Medium (30-60)	3505.8	N.A.	20.5
BH - Back-High (60-80)	1426.3	N.A.	8.3
BVH - Back-Very High (80-90)	30.3	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	17125.0	N.A.	100.0
BUG Rating	B3-U0-G3		

POLAR GRAPH

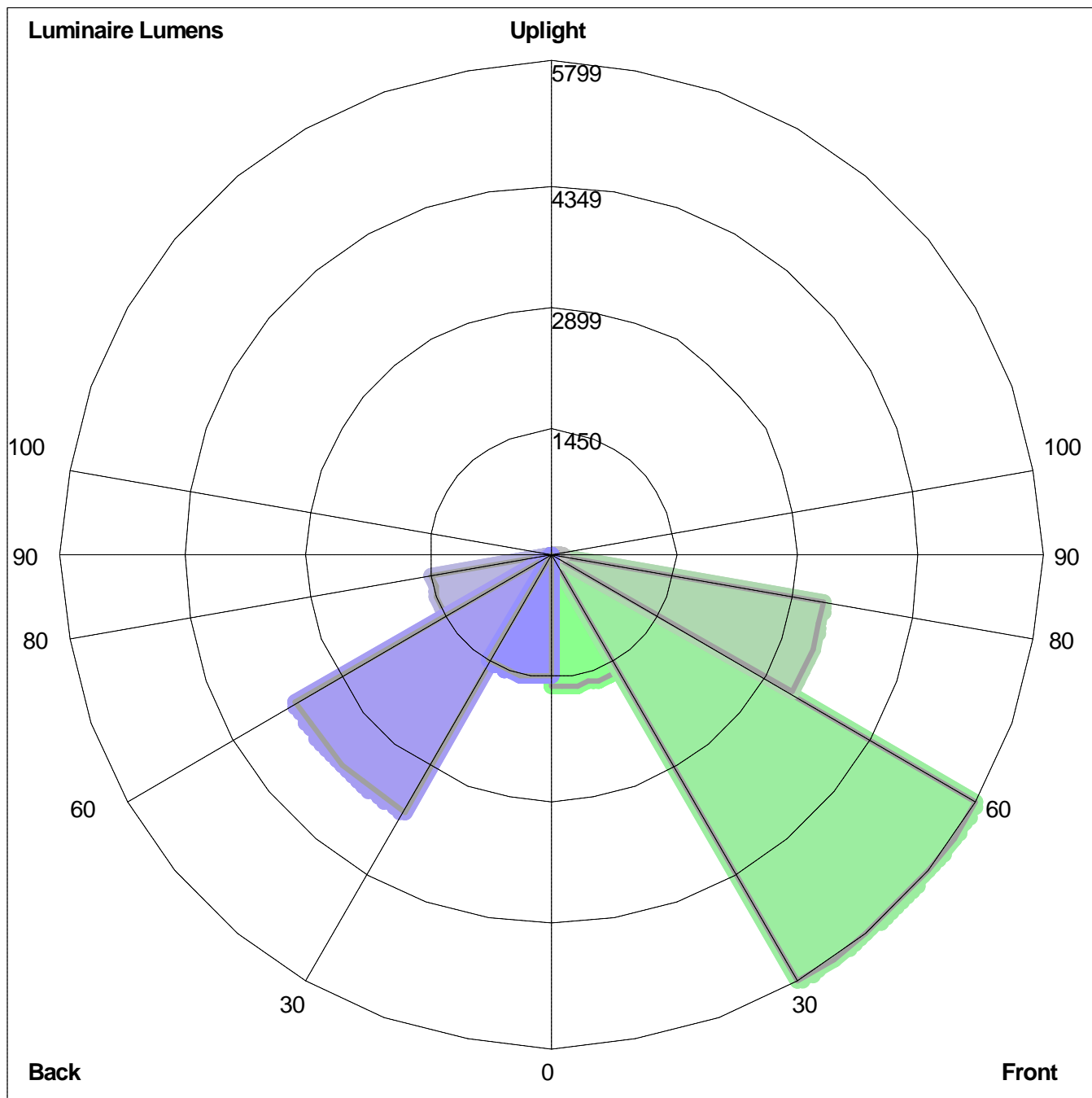


Maximum Candela = 10662.278 Located At Horizontal Angle = 75, Vertical Angle = 73  
# 1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1560.3, Medium=5798.8, High=3250.9, Very High=100.0  
Back: Low=1452.6, Medium=3505.8, High=1426.3, Very High=30.3  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3