



IES ROAD REPORT
PHOTOMETRIC FILENAME : 12800163.03_2_80LMPFT.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12800163.03 mod
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 4/3/2019
[MANUFAC] BARTCO LIGHTING INC
[LUMCAT] BC7956-55-269-30-FLTLVRQG-SM-ESS
[LUMINAIRE] Gray metal housing with louver and patterned lens. Four (
[MORE] 4) LED strips. LED strips are covered to black out lighting during te
[MORE] sting.
[LAMP] 216 White LEDs total; 96 on LED strips, 120 in gray housing
[BALLAST] One (1) Philips Advance XI020C056V054BST2
[OTHER] 24.4 C, 119.999 V, 0.137826 A, 9.1952 W, 0.993105 PF, 59.9891
[MORE] Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[MORE] SCALED TO LV5 BOARD 3.984 mA PER INCH

CHARACTERISTICS

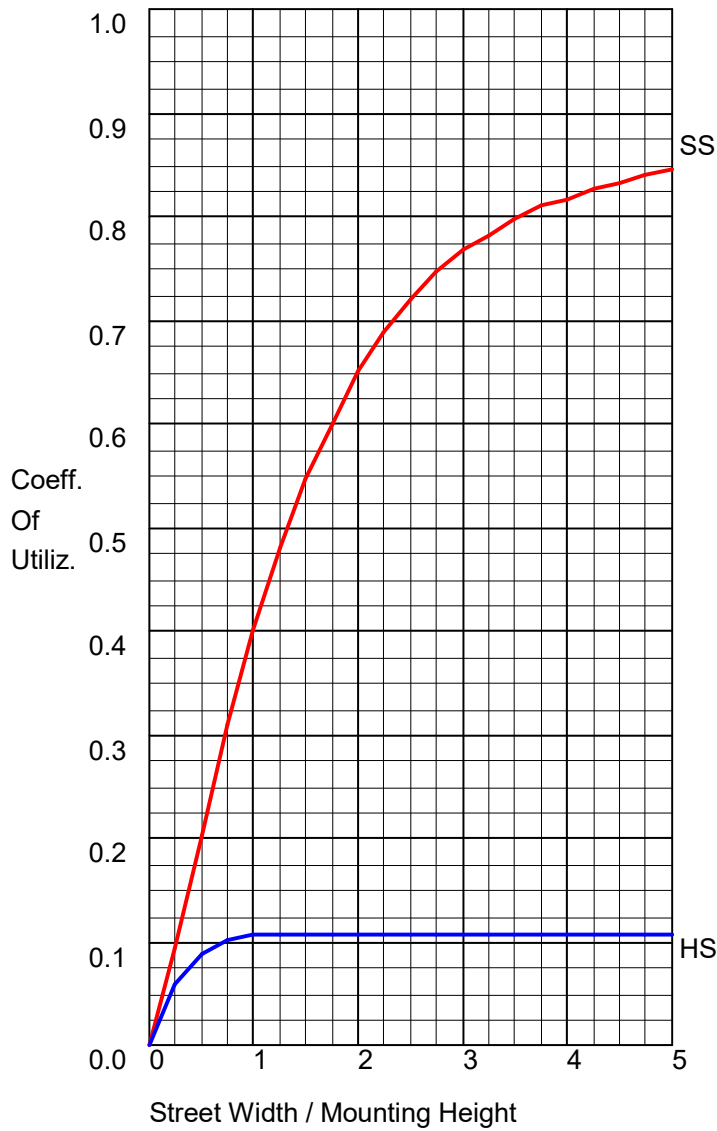
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	367
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	41
Total Luminaire Watts	8.971
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	336.63
Maximum Candela Angle	0H 66V
Maximum Candela (<90 Degrees Vertical)	336.63
Maximum Candela Angle (<90 Degrees Vertical)	0H 66V
Maximum Candela At 90 Degrees Vertical	14.21 (3.9% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	189.613 (51.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	51.8	N.A.	14.1
FM - Front-Medium (30-60)	148.0	N.A.	40.3
FH - Front-High (60-80)	111.5	N.A.	30.4
FVH - Front-Very High (80-90)	14.7	N.A.	4.0
BL - Back-Low (0-30)	24.3	N.A.	6.6
BM - Back-Medium (30-60)	15.1	N.A.	4.1
BH - Back-High (60-80)	0.6	N.A.	0.2
BVH - Back-Very High (80-90)	< 0.05	N.A.	0.0
UL - Uplight-Low (90-100)	0.8	N.A.	0.2
UH - Uplight-High (100-180)	0.1	N.A.	0.0
Total	366.9	N.A.	100.0
BUG Rating	B0-U1-G1		

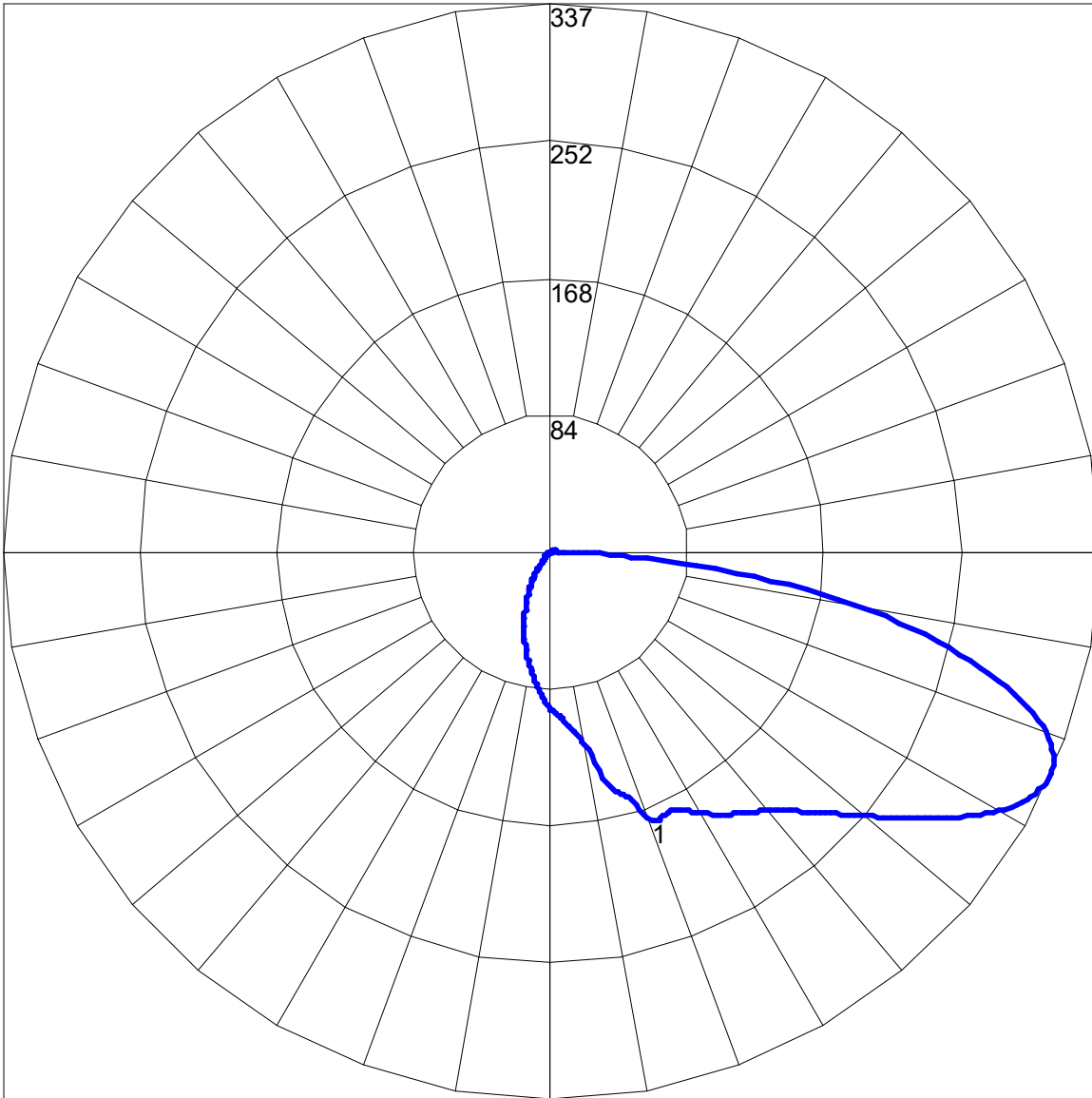
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

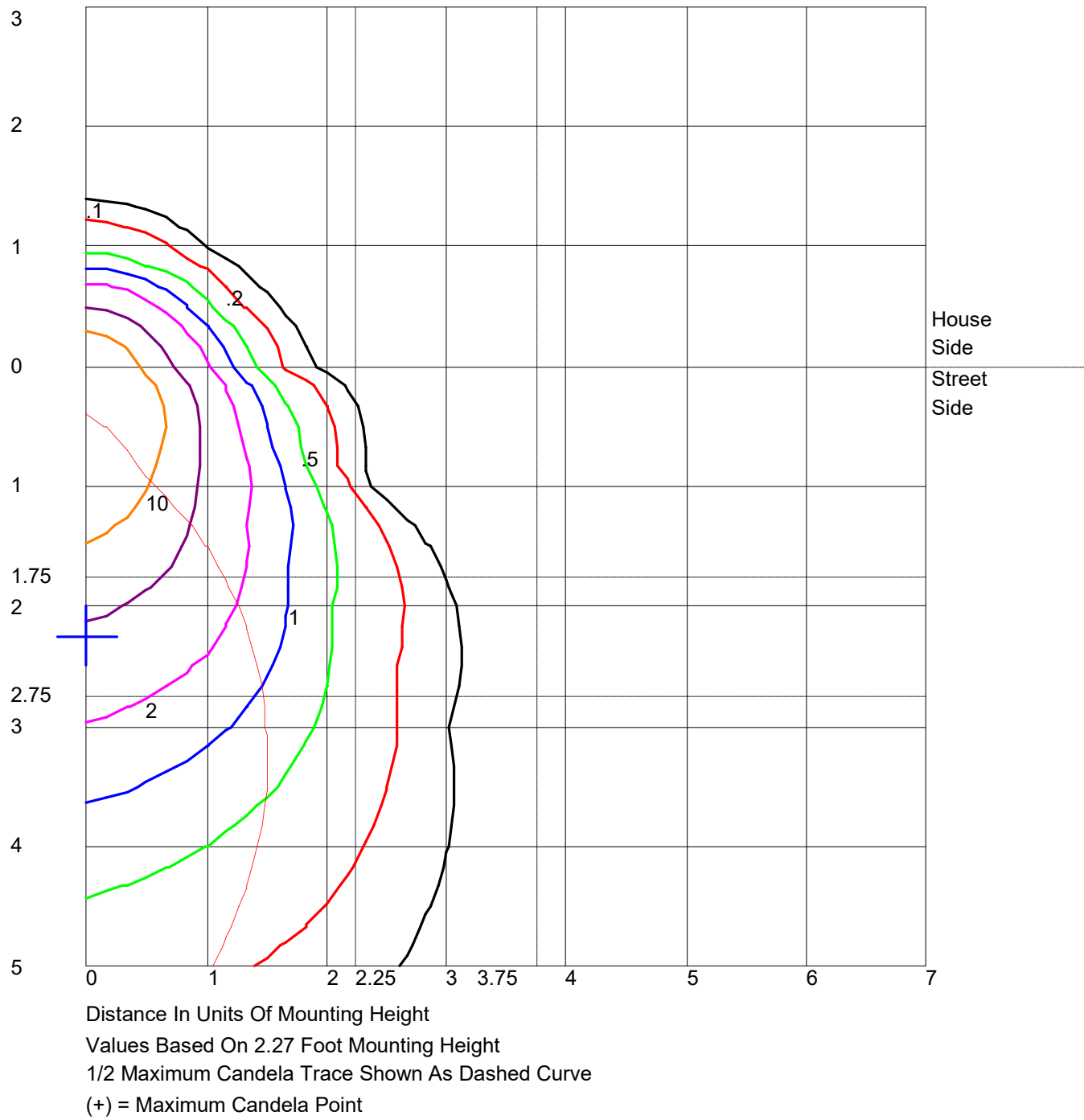
	Lumens	Percent Of Luminaire
Downward Street Side	326.0	88.9
Downward House Side	40.0	10.9
Downward Total	366.0	99.8
Upward Street Side	0.9	0.3
Upward House Side	0.0	0.0
Upward Total	0.9	0.2
Total Flux	366.9	100.0

POLAR GRAPH

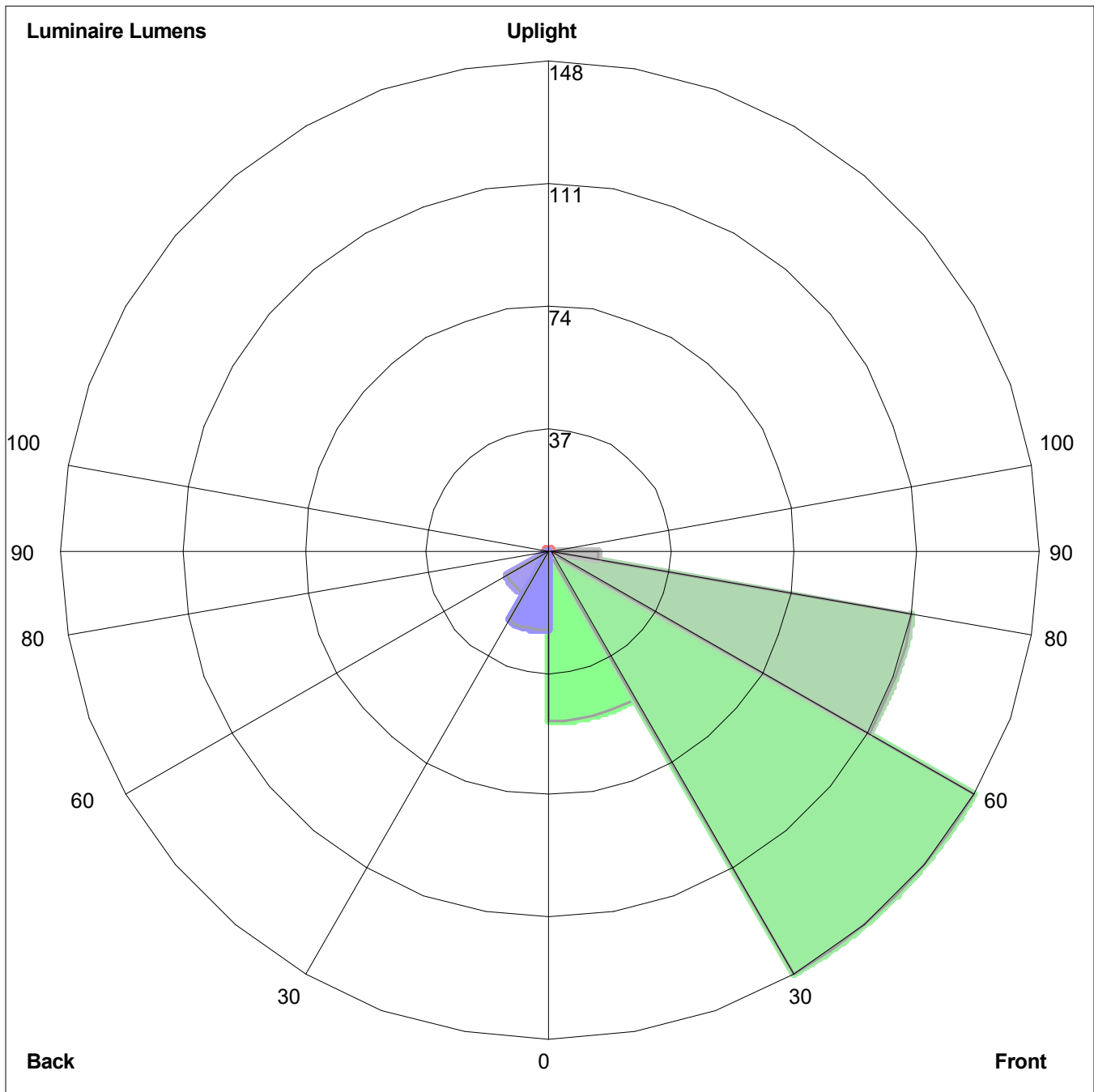


Maximum Candela = 336.63 Located At Horizontal Angle = 0, Vertical Angle = 66
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=51.8, Medium=148.0, High=111.5, Very High=14.7
Back: Low=24.3, Medium=15.1, High=0.6, Very High=0.0
Uplight: Low=0.8, High=0.1

BUG Rating : B0-U1-G1