

Photometric Test Report

IES ROAD REPORT

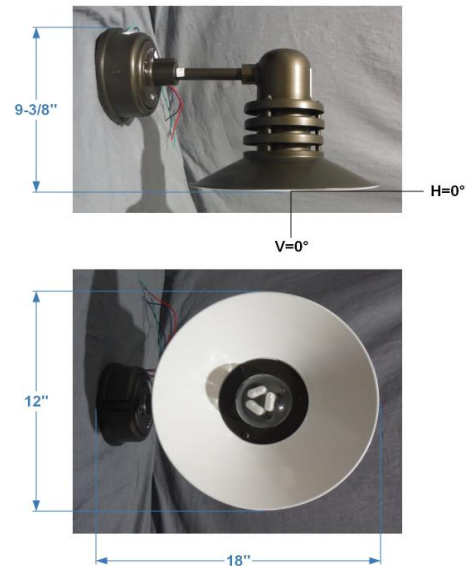
PHOTOMETRIC FILENAME : L051405001.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L051405001
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 5/30/2014
[MANUFAC] HI-LITE MFG
[LUMCAT] H-91512-B-S
[LUMINAIRE] 18"L X 12"W X 9-3/8"H. LUMINAIRE
[MORE] CLEAR LENS
[BALLASTCAT] FULHAM RACEHORSE RHA-UNV-226-C
[BALLAST] INPUT: 120-277VAC, 0.52-0.22A, 50/60HZ
[LAMPPOSITION] 0,0
[LAMPCAT] SYLVANIA DULUX T/E/IN CF42DT/E/IN/841
[INPUT] 120VAC, 32.46W

CHARACTERISTICS

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	3200 (1 lamp)
Total Lamp Lumens	3200
Luminaire Lumens	746
Downward Total Efficiency	23 %
Total Luminaire Efficiency	23 %
Luminaire Efficacy Rating (LER)	23
Total Luminaire Watts	32.46
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	184.78
Maximum Candela Angle	0H 45V
Maximum Candela (<90 Degrees Vertical)	184.78
Maximum Candela Angle (<90 Degrees Vertical)	0H 45V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	28.59 (0.9% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff



IES ROAD REPORT
PHOTOMETRIC FILENAME : L051405001.IES

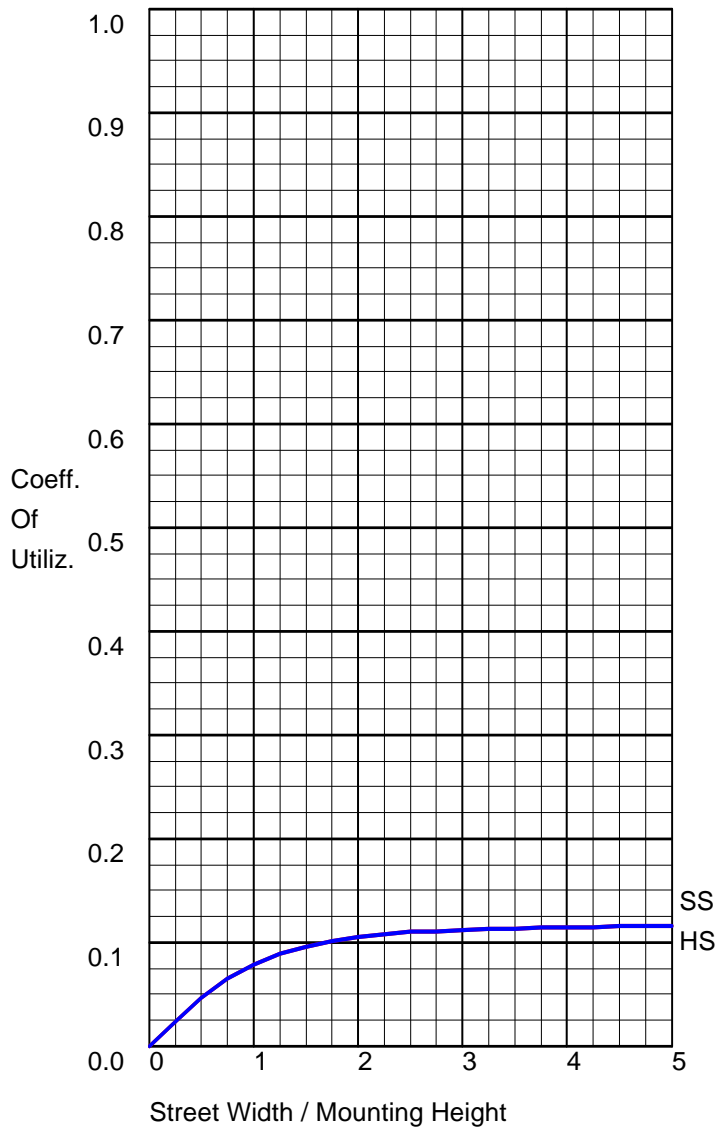
LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	67.4	2.1	9.0
FM - Front-Medium (30-60)	202.9	6.3	27.2
FH - Front-High (60-80)	97.7	3.1	13.1
FVH - Front-Very High (80-90)	5.2	0.2	0.7
BL - Back-Low (0-30)	67.4	2.1	9.0
BM - Back-Medium (30-60)	202.9	6.3	27.2
BH - Back-High (60-80)	97.7	3.1	13.1
BVH - Back-Very High (80-90)	5.2	0.2	0.7
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	746.4	23.4	100.0
BUG Rating	B0-U0-G0		

CANDELA TABULATION

Vert. Angles	Horizontal Angles
	<u>0</u>
0	128.82
5	135.42
10	146.39
15	154.45
20	160.65
25	167.31
30	174.47
35	180.24
40	184.39
45	184.78
50	180.73
55	170.41
60	150.85
65	134.21
70	98.15
75	64.25
80	28.59
85	4.91
90	0.00

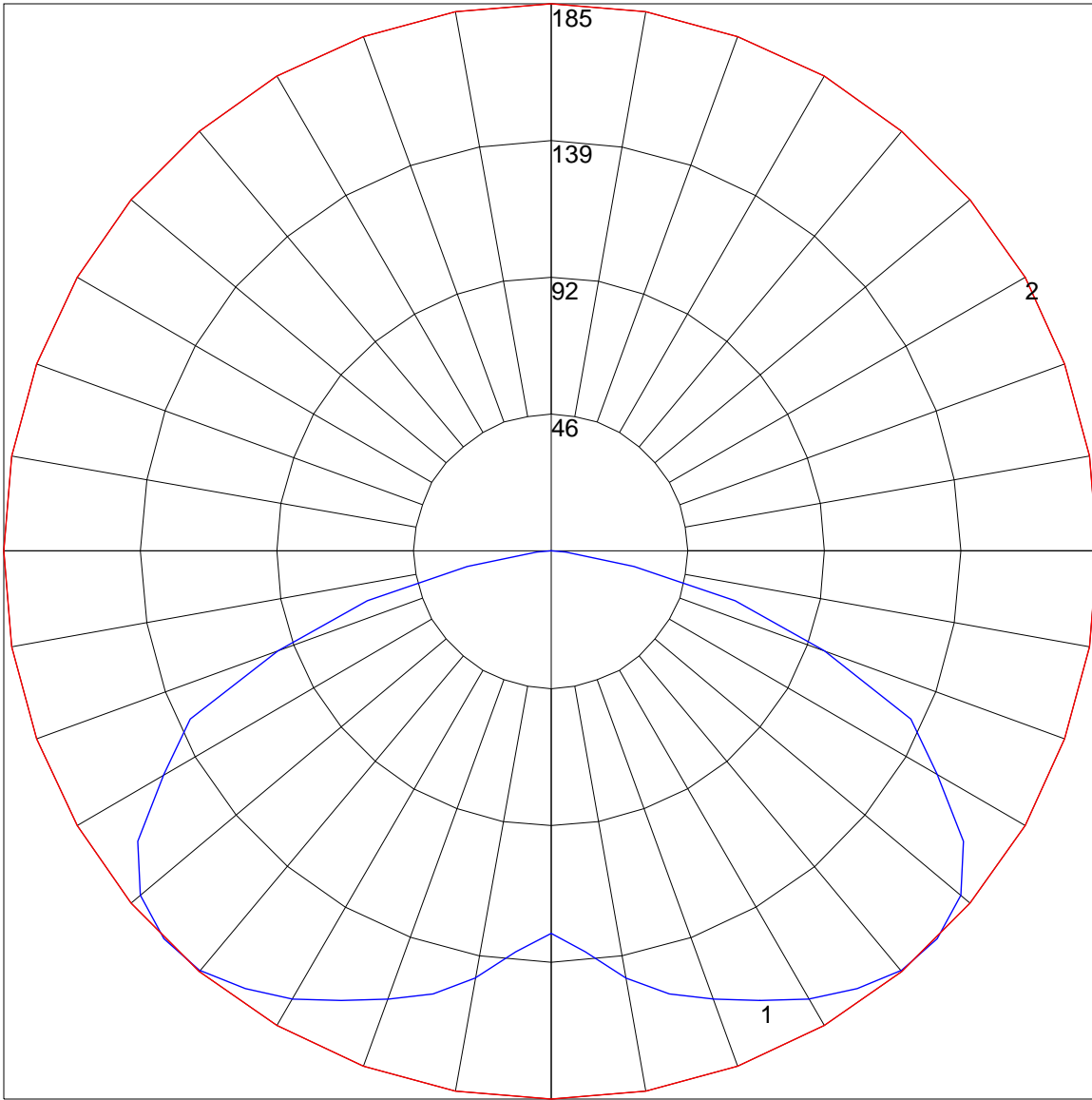
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

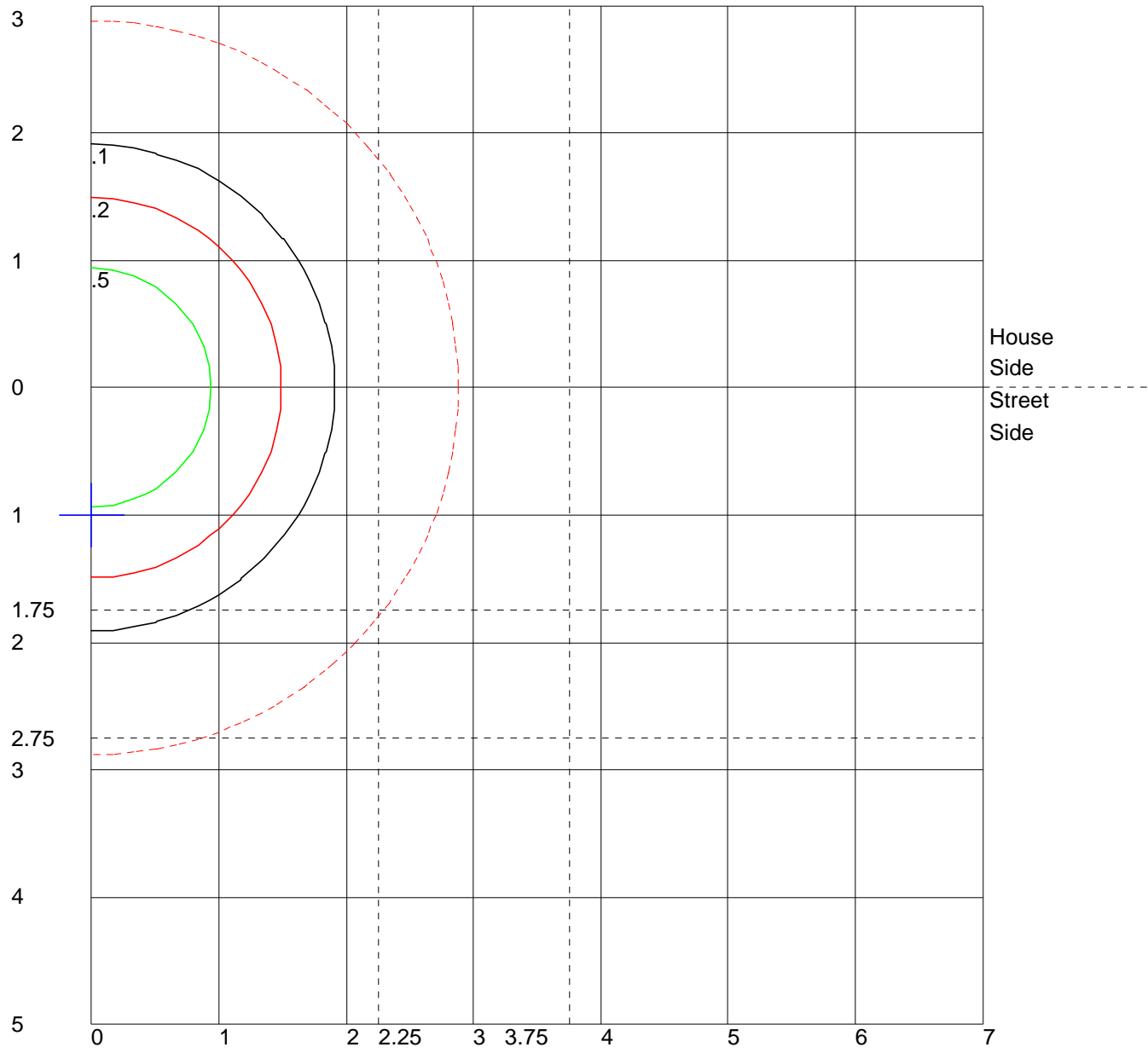
	Lumens	Percent Of Lamp
Downward Street Side	373.2	11.7
Downward House Side	373.2	11.7
Downward Total	746.4	23.3
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	746.4	23.3

POLAR GRAPH



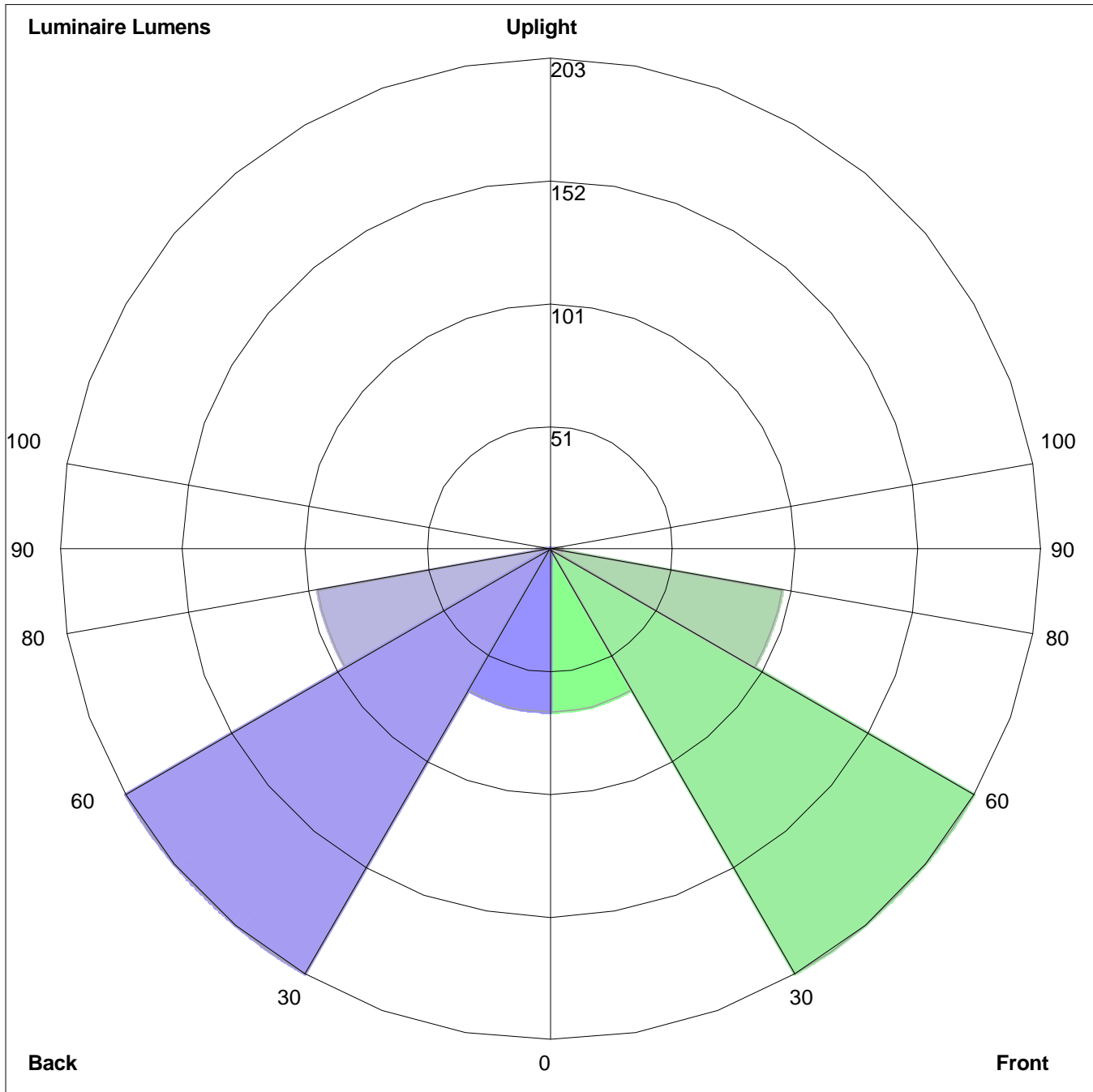
Maximum Candela = 184.78 Located At Horizontal Angle = 0, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 12 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=67.4, Medium=202.9, High=97.7, Very High=5.2
Back: Low=67.4, Medium=202.9, High=97.7, Very High=5.2
Uplight: Low=0.0, High=0.0

BUG Rating : B0-U0-G0