

MBVF16E050LDST240K

POLAR GRAPH

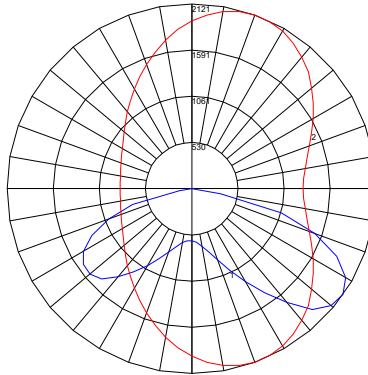
TEST: L032110806

TEST LAB: LIGHT LABORATORY, INC.

ISSUE DATE: 3/5/2021

INPUT: 120.01VAC, 49.82W

TEST PROCEDURE: IESNA:LM-79-08



CHARACTERISTICS

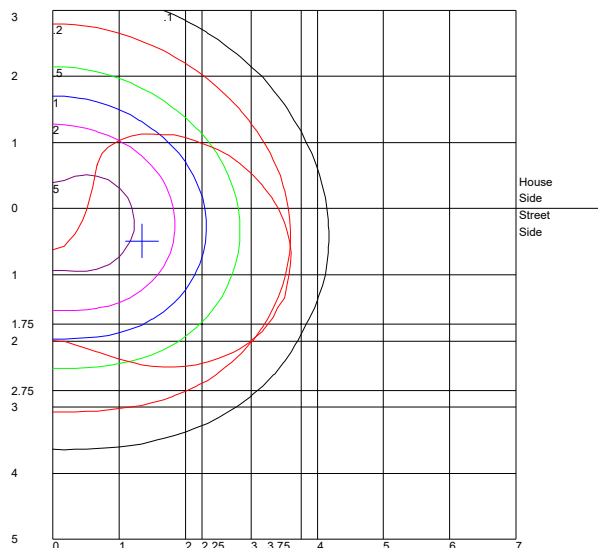
| | |
|-------------------------------------------------|-----------------------------|
| IES Classification | Type III |
| Longitudinal Classification | Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 5778 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 116 |
| Total Luminaire Watts | 49.82 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 2121 |
| Maximum Candela Angle | 70H 55V |
| Maximum Candela (<90 Degrees Vertical) | 2121 |
| Maximum Candela Angle (<90 Degrees Vertical) | 70H 55V |
| Maximum Candela At 90 Degrees Vertical | 0 (0.0% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 386 (6.7% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|---------------|-------------|--------------|
| FL - Front-Low (0-30) | 370.4 | N.A. | 6.4 |
| FM - Front-Medium (30-60) | 1859.0 | N.A. | 32.2 |
| FH - Front-High (60-80) | 1145.1 | N.A. | 19.8 |
| FVH - Front-Very High (80-90) | 39.1 | N.A. | 0.7 |
| BL - Back-Low (0-30) | 302.6 | N.A. | 5.2 |
| BM - Back-Medium (30-60) | 1283.8 | N.A. | 22.2 |
| BH - Back-High (60-80) | 750.0 | N.A. | 13.0 |
| BVH - Back-Very High (80-90) | 28.2 | N.A. | 0.5 |
| UL - Uplight-Low (90-100) | 0.0 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 0.0 | N.A. | 0.0 |
| Total | 5778.2 | N.A. | 100.0 |

BUG Rating B2-U0-G2

ISOFOOTCANDLE CURVE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH

