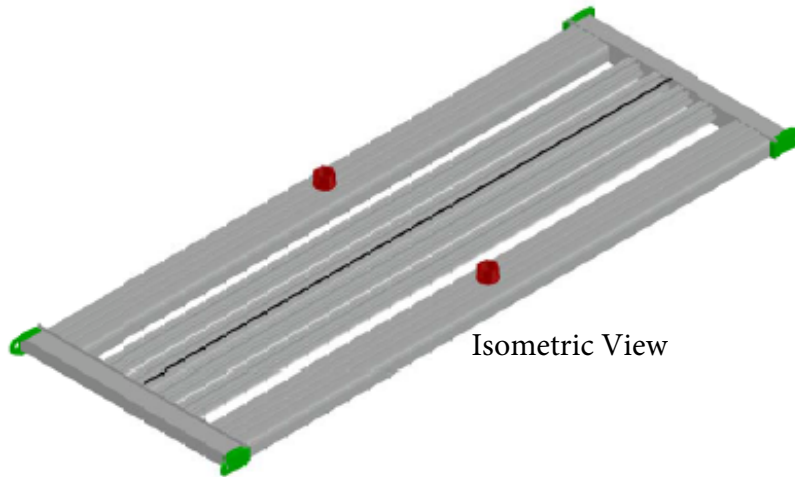
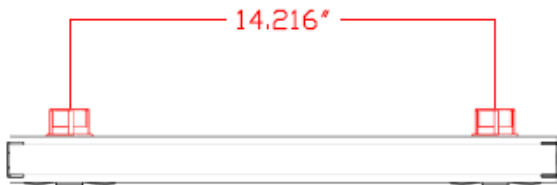


MH2P: Rigid Mount Detail

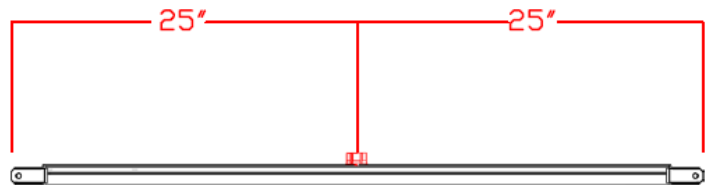
- LUX dynamics' Luminaires may be mounted using existing GRC (Galvanized Rigid Conduit).
- The conduits threads directly into the Meyer's Hub ports.
- No extra hardware is necessary.
- The (2) Meyer's Hub Components will be supplied by LUX.



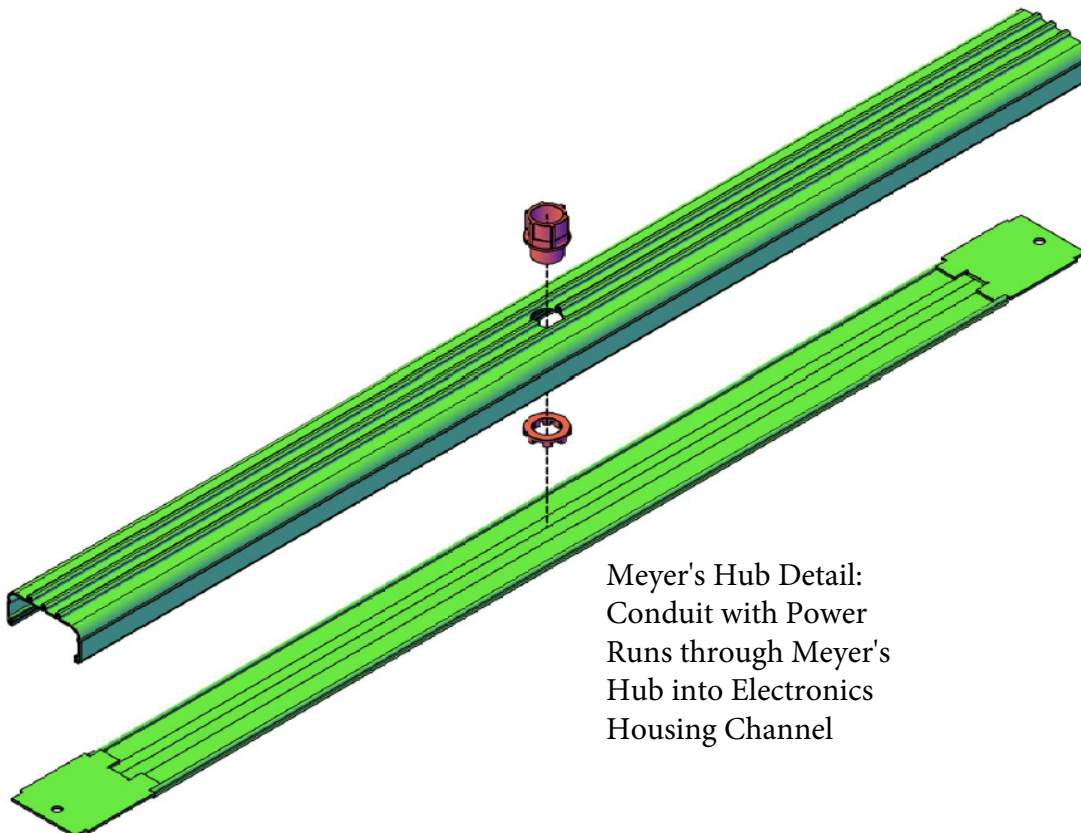
Isometric View



Width Cross-Section



Length Cross-Section



Meyer's Hub Detail:
Conduit with Power
Runs through Meyer's
Hub into Electronics
Housing Channel

Operating Characteristics

Data based on single BAR. Lumens and Watts will scale with fixture size.

| UNV (SO) | Rated | Operating Temperatures | | | | Color Temperatures | | | | | Lenses | | Projected Lumen Maintenance | | | | | | Wattage | Lumens Per Watt (at 5000K) | | | |
|--------------------|-------|------------------------|-------|-------|-------|--------------------|-------|-------|-------|-------|--------|-------|-----------------------------|--------|--------|--------|--------|---------|---------|----------------------------|------|------|------|
| | | 20°C | 40°C | 55°C | 65°C | 5000K | 4000K | 3500K | 3000K | 2700K | Clear | White | 10,000 | 15,000 | 20,000 | 45,000 | 60,000 | 100,000 | | 20°C | 40°C | 55°C | 65°C |
| Lumen Output | 4,865 | 4,865 | 4,768 | 4,670 | 4,622 | 4,865 | 4,743 | 4,622 | 4,500 | 4,378 | 4,232 | 3,259 | 4,752 | 4,741 | 4,707 | 4,674 | 4,640 | 4,549 | 48 | 100 | 98 | 96 | 95 |
| Light Loss factors | | 1.00 | 0.98 | 0.96 | 0.95 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.87 | 0.67 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 | | | | | |

| UNV (HO) | Rated | Operating Temperatures | | | | Color Temperatures | | | | | Lenses | | Projected Lumen Maintenance | | | | | | Wattage | Lumens Per Watt (at 5000K) | | | |
|--------------------|--------|------------------------|--------|--------|--------|--------------------|--------|--------|-------|-------|--------|-------|-----------------------------|--------|--------|--------|--------|---------|---------|----------------------------|------|------|------|
| | | 20°C | 40°C | 55°C | 65°C | 5000K | 4000K | 3500K | 3000K | 2700K | Clear | White | 10,000 | 15,000 | 20,000 | 45,000 | 60,000 | 100,000 | | 20°C | 40°C | 55°C | 65°C |
| Lumen Output | 10,640 | 10,640 | 10,427 | 10,214 | 10,108 | 10,640 | 10,374 | 10,108 | 9,842 | 9,576 | 9,257 | 7,129 | 10,084 | 9,827 | 9,332 | 8,418 | 7,792 | 6,339 | 89 | 120 | 118 | 115 | 114 |
| Light Loss factors | | 1.00 | 0.98 | 0.96 | 0.95 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.87 | 0.67 | 0.95 | 0.92 | 0.88 | 0.79 | 0.73 | 0.60 | | | | | |

| 2A0 (HO) | Rated | Operating temperatures | | | | color temperatures | | | | | lenses | | Projected Lumen maintenance | | | | | | Wattage | Lumens Per Watt (at 5000K) | | | |
|--------------------|--------|------------------------|--------|-------|-------|--------------------|--------|-------|-------|-------|--------|-------|-----------------------------|--------|--------|--------|--------|---------|---------|----------------------------|------|------|------|
| | | 25° | 40° | 55°C | 65°C | 5000K | 4000K | 3500K | 3000K | 2700K | Clear | White | 10,000 | 15,000 | 20,000 | 45,000 | 60,000 | 100,000 | | 20°C | 40°C | 55°C | 65°C |
| Lumen Output | 10,265 | 10,265 | 10,060 | 9,854 | 9,752 | 10,265 | 10,008 | 9,752 | 9,495 | 9,239 | 8,931 | 6,878 | 9,728 | 9,481 | 9,003 | 8,122 | 7,517 | 6,116 | 83 | 123 | 121 | 119 | 117 |
| Light Loss factors | | 1.00 | 0.98 | 0.96 | 0.95 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.87 | 0.67 | 0.95 | 0.92 | 0.88 | 0.79 | 0.73 | 0.60 | | | | | |

*Projected Calculation as TM-21 data only exists to 60,000 hours

Photometrics

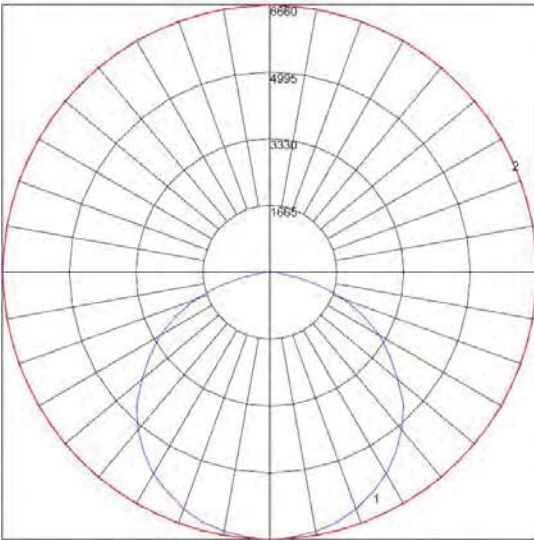
Calculated using the zonal cavity method in accordance with IESNA/LM-79 procedures. All data based on 25°C. Full photometric data on these and other configurations available upon request

LED-GYM-4-UNV

Total Luminaire Watts: 191.86
Total Lumen Output: 19,702.76
Lumens Per Watt: 103

Report: L08133005

POLAR GRAPH



COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | 70 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|
| RW | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 94 | 91 | 89 | 90 | 88 | 86 | 84 | | | | | | |
| 2 | 99 | 90 | 84 | 78 | 96 | 89 | 82 | 77 | 85 | 80 | 75 | 82 | 77 | 73 | 79 | 75 | 72 | 70 | | |
| 3 | 90 | 79 | 71 | 64 | 87 | 78 | 70 | 64 | 75 | 68 | 63 | 72 | 66 | 62 | 69 | 65 | 61 | 58 | | |
| 4 | 82 | 70 | 61 | 54 | 80 | 69 | 60 | 54 | 68 | 59 | 53 | 64 | 58 | 53 | 62 | 56 | 52 | 50 | | |
| 5 | 75 | 62 | 53 | 47 | 73 | 61 | 53 | 46 | 59 | 52 | 46 | 57 | 51 | 45 | 55 | 50 | 45 | 43 | | |
| 6 | 70 | 58 | 47 | 41 | 68 | 55 | 47 | 40 | 53 | 46 | 40 | 52 | 45 | 40 | 50 | 44 | 39 | 37 | | |
| 7 | 65 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 48 | 41 | 35 | 47 | 40 | 35 | 46 | 40 | 35 | 33 | | |
| 8 | 60 | 46 | 38 | 32 | 58 | 46 | 37 | 32 | 44 | 37 | 32 | 43 | 36 | 31 | 42 | 36 | 31 | 29 | | |
| 9 | 56 | 42 | 34 | 29 | 55 | 42 | 34 | 29 | 41 | 33 | 28 | 40 | 33 | 28 | 39 | 33 | 28 | 26 | | |
| 10 | 52 | 39 | 31 | 26 | 51 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 25 | 36 | 30 | 25 | 24 | | |



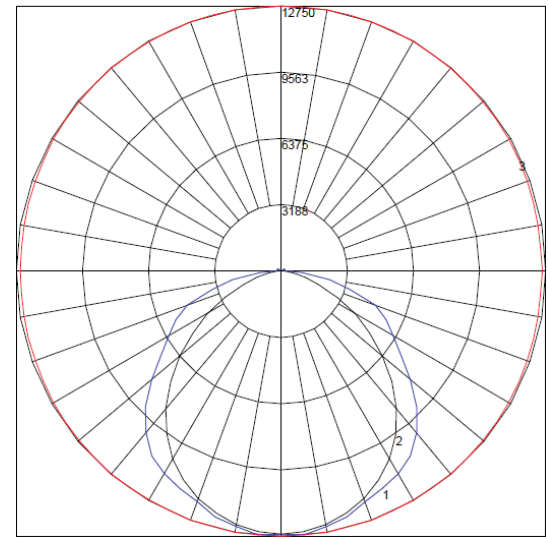
8165 E Kaiser Blvd. Anaheim, CA 92808
 p. 714.282.2270
 f. 714.676.5558

LED-GYM-4-UNV HO LADC

Total Luminaire Watts: 354.5
Total Lumen Output: 37,871.5
Lumens Per Watt: 107

Report: L031601806

POLAR GRAPH



COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | 70 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|--|
| RW | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 | | | |
| 1 | 108 | 103 | 99 | 94 | 105 | 101 | 97 | 93 | 96 | 93 | 90 | 89 | 87 | 88 | 86 | 84 | 82 | | | |
| 2 | 98 | 89 | 82 | 76 | 95 | 87 | 81 | 75 | 84 | 78 | 74 | 80 | 76 | 72 | 77 | 73 | 70 | 68 | | |
| 3 | 89 | 78 | 70 | 63 | 87 | 77 | 69 | 63 | 74 | 67 | 61 | 71 | 65 | 60 | 68 | 63 | 59 | 57 | | |
| 4 | 82 | 69 | 60 | 53 | 79 | 68 | 59 | 53 | 65 | 58 | 52 | 63 | 56 | 51 | 60 | 55 | 51 | 48 | | |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 52 | 46 | 58 | 51 | 45 | 56 | 50 | 44 | 54 | 48 | 44 | 42 | | |
| 6 | 69 | 56 | 47 | 40 | 67 | 55 | 46 | 40 | 53 | 45 | 39 | 51 | 44 | 39 | 49 | 43 | 38 | 36 | | |
| 7 | 64 | 50 | 41 | 35 | 62 | 49 | 41 | 35 | 48 | 40 | 35 | 46 | 39 | 34 | 45 | 39 | 34 | 32 | | |
| 8 | 60 | 46 | 37 | 31 | 58 | 45 | 37 | 31 | 44 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 30 | 29 | | |
| 9 | 56 | 42 | 34 | 28 | 54 | 41 | 34 | 28 | 40 | 33 | 28 | 39 | 32 | 28 | 38 | 32 | 27 | 26 | | |
| 10 | 52 | 39 | 31 | 26 | 51 | 38 | 31 | 25 | 37 | 30 | 25 | 36 | 30 | 25 | 35 | 29 | 25 | 23 | | |

Date: 8/22/2013



NVLAP LAB CODE 200927-0