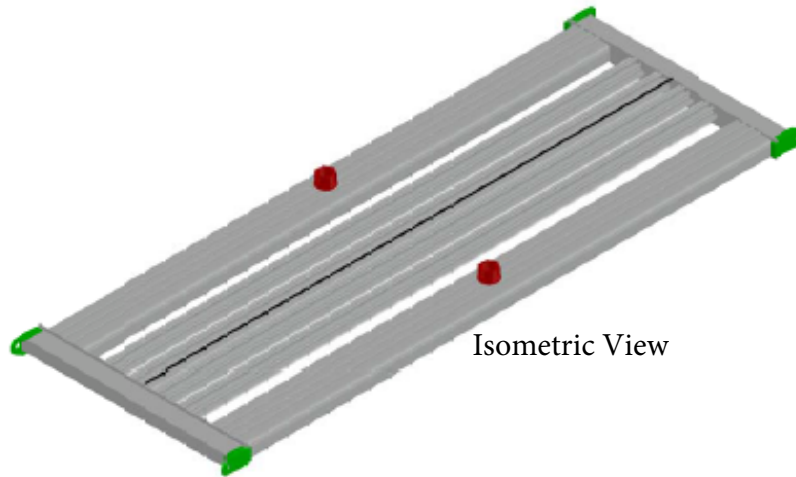


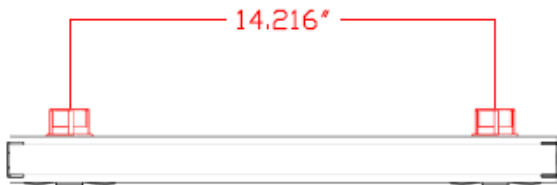


# MH2P: Rigid Mount Detail

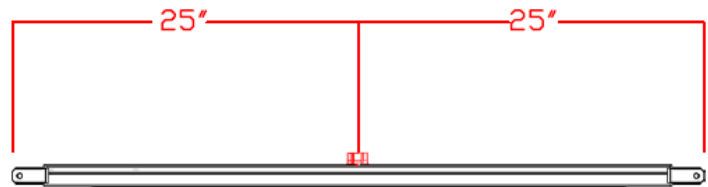
- LUX dynamics' Luminaires may be mounted using existing GRC (Galvanized Rigid Conduit).
- The conduits threads directly into the Meyer's Hub ports.
- No extra hardware is necessary.
- The (2) Meyer's Hub Components will be supplied by LUX.



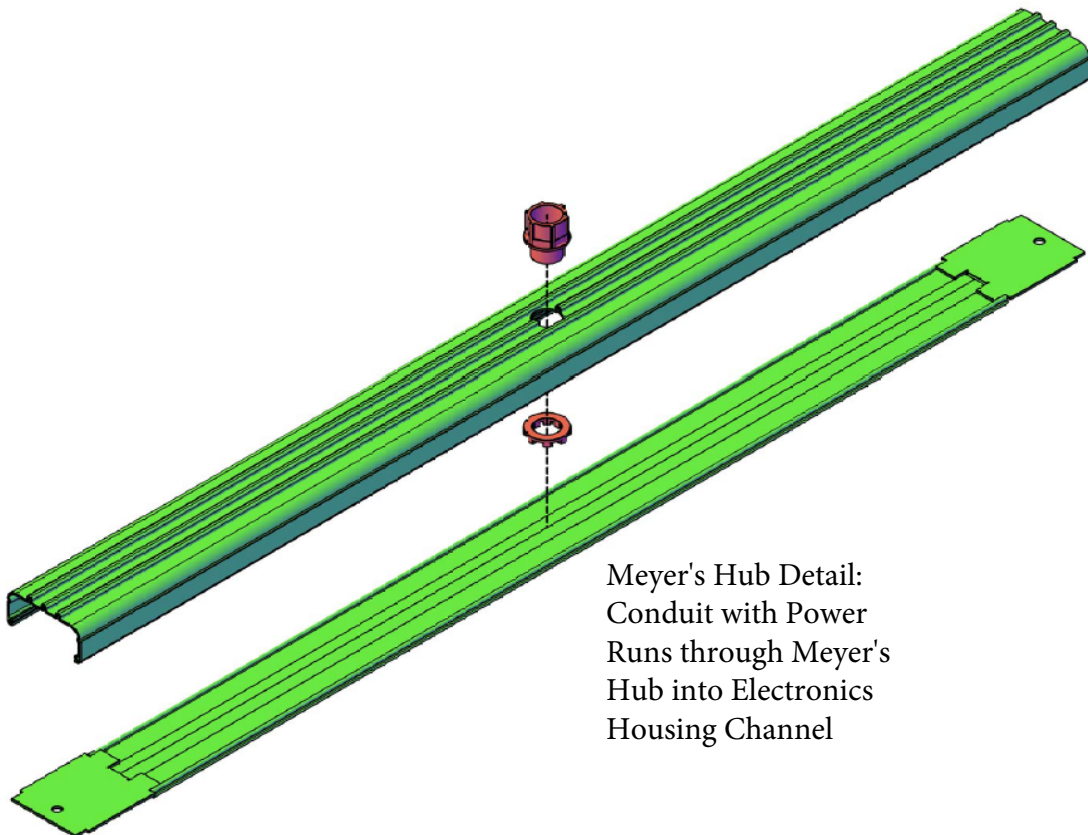
Isometric View



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

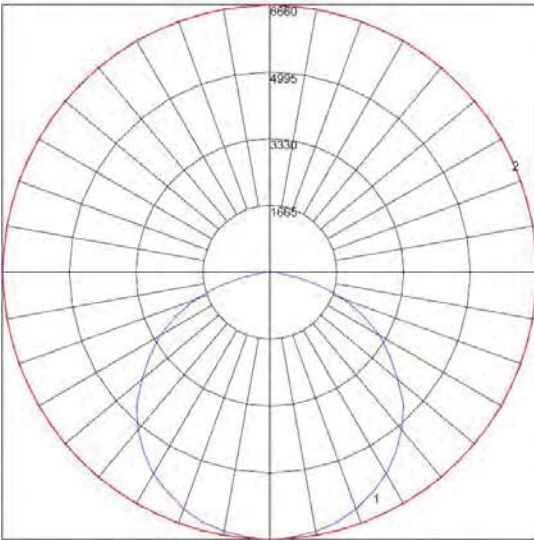
Calculated using the zonal cavity method in accordance with IESNA/LM-79 procedures. All data based on 25°C. Full photometric data on these and other configurations available upon request

## 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	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
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	98	94	91	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	26	36	30	25	24			



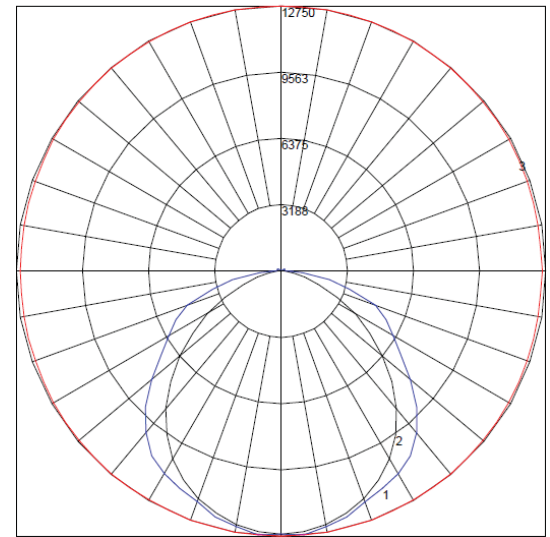
8165 E Kaiser Blvd. Anaheim, CA 92808  
 p. 714.282.2270  
 f. 714.676.5558

## 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	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	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	92	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