



SLD SERIES

LED Premium 100W Luminaire

Replaces 320 Watt MH Area Light

LED LUMINAIRE EXPERT
WITH PROFESSIONAL SOLUTION



ETL Listing:

Suitable for wet locations

DLC Listed:

This product is on the DESIGN Lights Consortium (DLC Premium 5.0) Qualified Products List and is eligible for rebates from DLC Member Utilities.

IESNA LM-79 & LM-80 Testing:

ORE LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Driver:

One Driver, Constant Current, Class I, 120-277V, 480V, 50-60Hz, Power Factor 98%, IP67

THD:

20% at 100-277V. 10% at 220-240V.

Surge Protection:

10KV line – earth

Lifespan:

100,000 – hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Multi-chip, high-output, long-life, **LUMILEDS** 5050 LED Chips

Color Temp:

3000K (Warm)
4000k (Neutral)
5000K (Cool)

Color Uniformity:

ORE's range of CCT (Correlated Color Temperature) follows the

Chromaticity of Solid-State Lighting (SSL) Products.

IES Classification:

The Type II, III, IV and V distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Effective Projected Area:

EPA = 0.6

Maximum Ambient Temperature:

Suitable for use in 131°F (55°C) ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40°F (-40°C)

Operating Temperature:

-40°F ~ 131°F (-40°C ~ 55°C)

Housing:

Die-cast aluminum alloy housing, lens frame and mounting arm

IP Rating:

Ingress Protection rating of IP66 for dust and water

Mounting Options:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 ½" center to center. Round Pole Adaptor plate included as standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation. Adjustable slip fitter for 2 3/8" tenon

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high-durability and long-lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals

Replacement:

Replaces above 320W Metal Halide

Warranty:

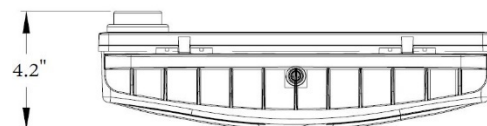
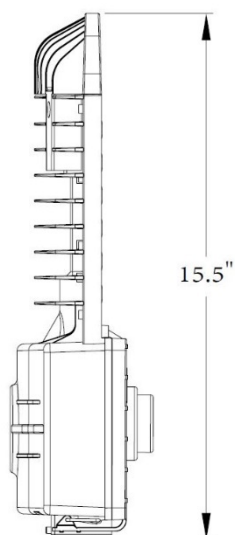
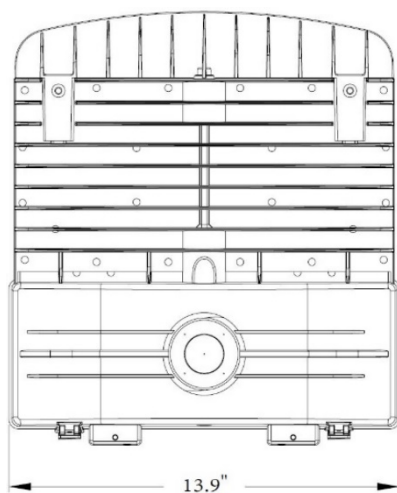
ORE warrants that our LED products will be free from defects in materials and workmanship for a period of Ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Dimmable

0-10V dimming

ORDERING INFORMATION

Series	Optics	Watt	Mounting	Color Temp	Finish	Voltage	Options
SLD	T2 Type II	100 100W	UB	3K 3000K	BZ Bronze	UNV	PCT 120-277V
	T3 Type III	150 150W	Universal	4K 4000K	BK Black	120-277	Twist lock Photocell
	T4 Type IV	240 240W	SF	5K 5000K	GR Gray	480	PCT4 480V
	T5 Type V	300 300W	Slipfitter		WT White	480V	Twist lock Photocell
		400 400W	TB				MMS Microwave
			Trunnion				Motion Sensor



Part NO.	Distribution	Watts	Lumens	CCT	CRI	Volts	Replaces HID	BUG	DLC Premium
ORESLLDT3100	Type III	100W	16,400	4000K	70+	100-277V	up to 320W	B2-U2-G2	✓
ORESLLDT3100	Type III	100W	16,320	5000K	70+	100-277V		B2-U2-G2	✓
ORESLLDT4100	Type IV	100W	16,000	4000K	70+	100-277V		B2-U2-G2	✓
ORESLLDT4100	Type IV	100W	16,100	5000K	70+	100-277V		B2-U2-G2	✓
ORESLLDT5100	Type V	100W	17,000	4000K	70+	100-277V		B4-U1-G2	✓
ORESLLDT5100	Type V	100W	17,030	5000K	70+	100-277V		B4-U1-G2	✓
ORESLLDT3150	Type III	150W	22,400	4000K	70+	100-277V	up to 430W	B3-U2-G2	✓
ORESLLDT3150	Type III	150W	22,452	5000K	70+	100-277V		B3-U2-G2	✓
ORESLLDT4150	Type IV	150W	23,600	4000K	70+	100-277V		B3-U5-G2	✓
ORESLLDT4150	Type IV	150W	23,570	5000K	70+	100-277V		B3-U5-G2	✓
ORESLLDT5150	Type V	150W	24,600	4000K	70+	100-277V		B4-U2-G2	✓
ORESLLDT5150	Type V	150W	24,630	5000K	70+	100-277V		B4-U2-G2	✓
ORESLLDT3240	Type III	240W	35,455	4000K	70+	100-277V	up to 800W	B3-U5-G3	✓
ORESLLDT3240	Type III	240W	35,521	5000K	70+	100-277V		B3-U5-G3	✓
ORESLLDT4240	Type IV	240W	35,217	4000K	70+	100-277V		B3-U5-G3	✓
ORESLLDT4240	Type IV	240W	35,455	5000K	70+	100-277V		B3-U5-G3	✓
ORESLLDT5240	Type V	240W	39,378	4000K	70+	100-277V		B5-U2-G4	✓
ORESLLDT5240	Type V	240W	39,451	5000K	70+	100-277V		B5-U2-G4	✓
ORESLLDT3300	Type III	300W	46,200	4000K	70+	100-277V	up to 1200W	B3-U5-G3	✓
ORESLLDT3300	Type III	300W	46,420	5000K	70+	100-277V		B3-U5-G3	✓
ORESLLDT4300	Type IV	300W	45,000	4000K	70+	100-277V		B4-U5-G4	✓
ORESLLDT4300	Type IV	300W	45,120	5000K	70+	100-277V		B4-U5-G4	✓
ORESLLDT5300	Type V	300W	48,135	4000K	70+	100-277V		B5-U5-G4	✓
ORESLLDT5300	Type V	300W	48,251	5000K	70+	100-277V		B5-U5-G4	✓
ORESLLDT3400	Type III	400W	61,600	4000K	70+	100-277V	up to 1800W	B4-U5-G4	✓
ORESLLDT3400	Type III	400W	61,720	5000K	70+	100-277V		B4-U5-G4	✓
ORESLLDT4400	Type IV	400W	60,800	4000K	70+	100-277V		B4-U5-G4	✓
ORESLLDT4400	Type IV	400W	61,200	5000K	70+	100-277V		B4-U5-G4	✓
ORESLLDT5400	Type V	400W	68,000	4000K	70+	100-277V		B5-U5-G5	✓
ORESLLDT5400	Type V	400W	67,530	5000K	70+	100-277V		B5-U5-G5	✓
ORESLLDT3100	Type III	100W	16,400	4000K	70+	200-480V	up to 320W	B2-U2-G2	✓
ORESLLDT3100	Type III	100W	16,320	5000K	70+	200-480V		B2-U2-G2	✓
ORESLLDT4100	Type IV	100W	16,000	4000K	70+	200-480V		B2-U2-G2	✓
ORESLLDT4100	Type IV	100W	16,100	5000K	70+	200-480V		B2-U2-G2	✓
ORESLLDT5100	Type V	100W	17,000	4000K	70+	200-480V		B4-U1-G2	✓
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ORESLLDT4150	Type IV	150W	23,600	4000K	70+	200-480V	up to 430W	B3-U5-G2	✓
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ORESLLDT3300	Type III	300W	46,420	5000K	70+	200-480V		B3-U5-G3	✓
ORESLLDT4300	Type IV	300W	45,000	4000K	70+	200-480V		B4-U5-G4	✓
ORESLLDT4300	Type IV	300W	45,120	5000K	70+	200-480V		B4-U5-G4	✓
ORESLLDT5300	Type V	300W	48,135	4000K	70+	200-480V		B5-U5-G4	✓
ORESLLDT5300	Type V	300W	48,251	5000K	70+	200-480V		B5-U5-G4	✓
ORESLLDT3400	Type III	400W	61,600	4000K	70+	200-480V	up to 1800W	B4-U5-G4	✓
ORESLLDT3400	Type III	400W	61,720	5000K	70+	200-480V		B4-U5-G4	✓
ORESLLDT4400	Type IV	400W	60,800	4000K	70+	200-480V		B4-U5-G4	✓
ORESLLDT4400	Type IV	400W	61,200	5000K	70+	200-480V		B4-U5-G4	✓
ORESLLDT5400	Type V	400W	68,000	4000K	70+	200-480V		B5-U5-G5	✓
ORESLLDT5400	Type V	400W	67,530	5000K	70+	200-480V		B5-U5-G5	✓

MOUNTING ACCESSORIES (Must be ordered with fixture)

Part No.	Description	L	W	H
 SF Slipfitter	Suitable for 2-3/8" OD	3.15 in	3.15 in	7.3 in
 UB Universal Mount	Suitable for square/round pole	5.0 in	3.3 in	7.0 in
 TB Trunnion Mount	Heavy-duty Trunnion mount with stainless steel hardware	6.85 in	7.0 in	2.0 in

OPTIONS (Contact regional sales for details)

Part No.	Description
 PCT Twist lock photocell	3, 7 Pin Photocell Control Receptacle – 100-277V
 PCT4 Twist lock photocell	3, 7 Pin Photocell Control Receptacle – 480V
 BRI816 Microwave sensor	Bi-level Microwave Sensor – ANT 5-2
 BLE Bluetooth Contorl	Bluetooth Controlled Power Pack with Threaded Nipple Version

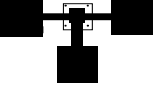
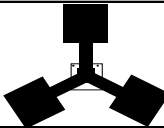
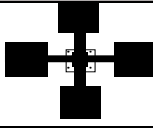
COLOR OPTIONS *(Contact regional sales for details)*

BZ – Bronze 	BK – Black 	GR – Gray 	WT -White 
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* Bronze standard color, other colors available at an up charge

Fixture Configurations

LUMINAIRE EPA CHART

Model						
SLD-100W	Single EPA: 0.6 Weight: 14.6 lbs	D90° EPA: 0.7 Weight: 28.2 lbs	D180° EPA: 1.0 Weight: 28.2 lbs	T90° EPA: 1.35 Weight: 41.8 lbs	TN90° EPA: 1.35 Weight: 41.8 lbs	Q90° EPA: 1.55 Weight: 55.4 lbs
SLD-150W	Single EPA: 0.6 Weight: 21.4 lbs	D90° EPA: 0.7 Weight: 41.8 lbs	D180° EPA: 1.0 Weight: 41.8 lbs	T90° EPA: 1.35 Weight: 62.2 lbs	TN90° EPA: 1.35 Weight: 62.2 lbs	Q90° EPA: 1.55 Weight: 81 lbs
SLD-240W	Single EPA: 1.0 Weight: 24 lbs	D90° EPA: 1.08 Weight: 47 lbs	D180° EPA: 1.6 Weight: 47 lbs	T90° EPA: 1.72 Weight: 70 lbs	TN90° EPA: 1.72 Weight: 70 lbs	Q90° EPA: 1.9 Weight: 94 lbs
SLD-300W	Single EPA: 1.3 Weight: 29.8 lbs	D90° EPA: 1.39 Weight: 58.6 lbs	D180° EPA: 2.0 Weight: 58.6 lbs	T90° EPA: 2.32 Weight: 89.4 lbs	TN90° EPA: 2.32 Weight: 89.4 lbs	Q90° EPA: 2.61 Weight: 117 lbs

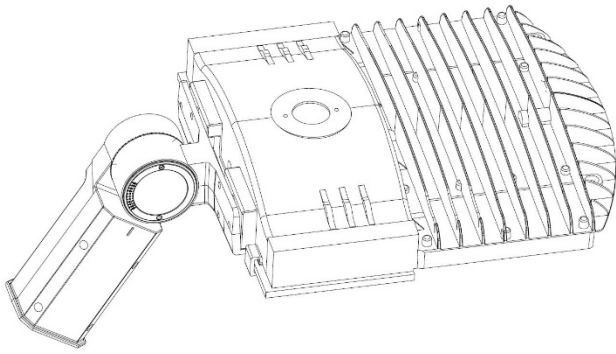


Figure 1. Slipfitter Mount

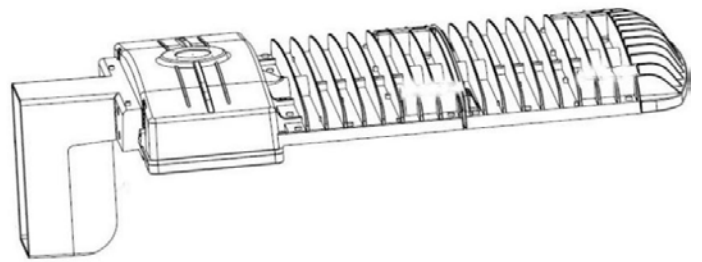


Figure 2. Universal Mount

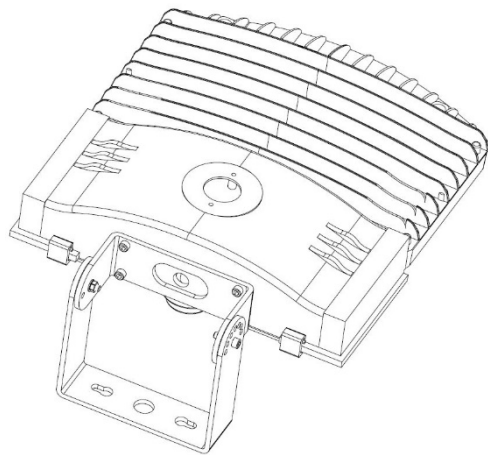
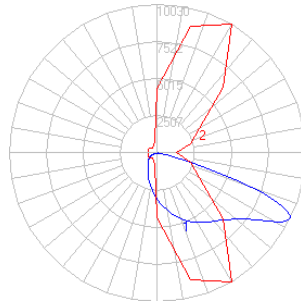


Figure 3. Trunnion Mount

PHOTOMETRICS

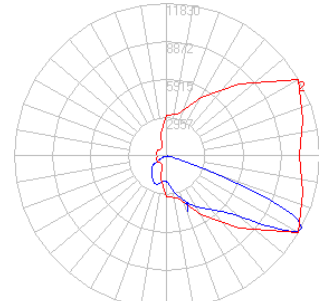
SLD 100W – MT – T3

ZONE	LUMENS	% Fixture
FORWARD LIGHT	12133	74
FL (0°-30°)	2025	12.4
FM (30°-60°)	6949	42.4
FH (60°-80°)	3043	18.6
FVH (80°-90°)	116	0.7
BACK LIGHT	2969	18.1
BL (0°-30°)	792	4.8
BM (30°-60°)	1577	9.6
BH (60°-80°)	566	3.4
BVH (80°-90°)	35	0.2
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



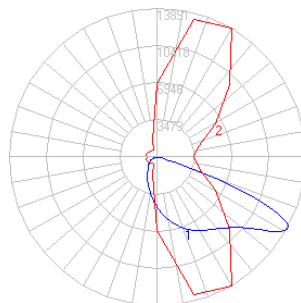
SLD 100W – MT – T4

ZONE	LUMENS	% Fixture
FORWARD LIGHT	11413	71.3
FL (0°-30°)	1355	8.5
FM (30°-60°)	6770	42.3
FH (60°-80°)	3176	19.9
FVH (80°-90°)	112	0.7
BACK LIGHT	3337	20.9
BL (0°-30°)	861	5.4
BM (30°-60°)	1794	11.2
BH (60°-80°)	647	4
BVH (80°-90°)	34	0.2
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



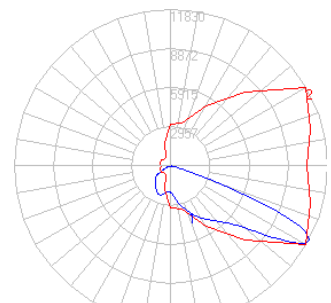
SLD 150W – MT – T3

ZONE	LUMENS	% Fixture
FORWARD LIGHT	17070	76.2
FL (0°-30°)	2958	13.2
FM (30°-60°)	10071	45
FH (60°-80°)	3898	17.4
FVH (80°-90°)	143	0.6
BACK LIGHT	4276	19.1
BL (0°-30°)	1172	5.2
BM (30°-60°)	2315	10.3
BH (60°-80°)	748	3.3
BVH (80°-90°)	41	0.2
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



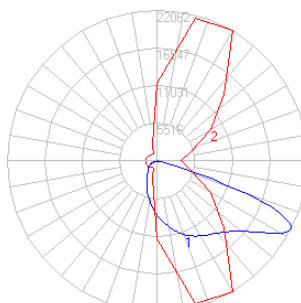
SLD 150W – MT – T4

ZONE	LUMENS	% Fixture
FORWARD LIGHT	17350	73.5
FL (0°-30°)	2068	8.8
FM (30°-60°)	10749	45.5
FH (60°-80°)	4377	18.5
FVH (80°-90°)	156	0.7
BACK LIGHT	5023	21.3
BL (0°-30°)	1284	5.4
BM (30°-60°)	2722	11.5
BH (60°-80°)	949	4
BVH (80°-90°)	68	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



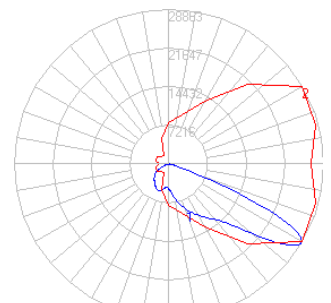
SLD 240W – MT – T3

ZONE	LUMENS	% Fixture
FORWARD LIGHT	28189	74.2
FL (0°-30°)	4	12.7
FM (30°-60°)	16245	42.8
FH (60°-80°)	6852	18
FVH (80°-90°)	255	0.7
BACK LIGHT	7264	19.1
BL (0°-30°)	1956	5.1
BM (30°-60°)	3824	10.1
BH (60°-80°)	1376	3.6
BVH (80°-90°)	109	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



SLD 240W – MT – T4

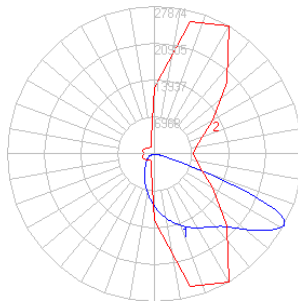
ZONE	LUMENS	% Fixture
FORWARD LIGHT	27319	71.9
FL (0°-30°)	3316	8.7
FM (30°-60°)	17263	45.4
FH (60°-80°)	6499	17.1
FVH (80°-90°)	241	0.6
BACK LIGHT	7896	20.8
BL (0°-30°)	1981	5.2
BM (30°-60°)	4259	11.2
BH (60°-80°)	1530	4
BVH (80°-90°)	126	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



PHOTOMETRICS

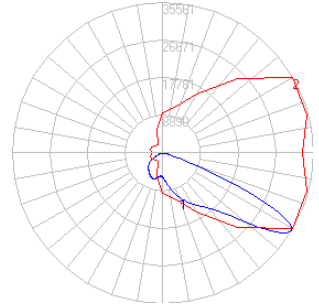
SLD 300W – MT – T3

ZONE	LUMENS	% Fixture
FORWARD LIGHT	34604	74.9
FL (0°-30°)	6100	13.2
FM (30°-60°)	20904	45.2
FH (60°-80°)	7350	15.9
FVH (80°-90°)	251	0.5
BACK LIGHT	8615	18.6
BL (0°-30°)	2428	5.3
BM (30°-60°)	4590	9.9
BH (60°-80°)	1473	3.2
BVH (80°-90°)	123	0.3
UP LIGHT	1	0
UL (90°-100°)	1	0
UH (100°-180°)	0	0



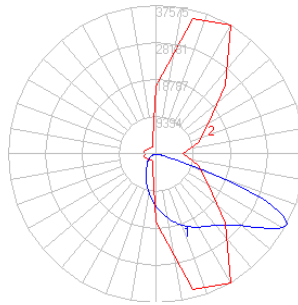
SLD 300W – MT – T4

ZONE	LUMENS	% Fixture
FORWARD LIGHT	33336	74.1
FL (0°-30°)	4128	9.2
FM (30°-60°)	21400	47.6
FH (60°-80°)	7531	16.7
FVH (80°-90°)	277	0.6
BACK LIGHT	9708	21.6
BL (0°-30°)	2467	5.5
BM (30°-60°)	5303	11.8
BH (60°-80°)	1788	4
BVH (80°-90°)	151	0.3
UP LIGHT	2	0
UL (90°-100°)	2	0
UH (100°-180°)	0	0



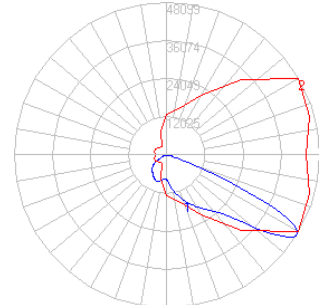
SLD 400W – MT – T3

ZONE	LUMENS	% Fixture
FORWARD LIGHT	46394	75.3
FL (0°-30°)	8129	13.2
FM (30°-60°)	27644	44.9
FH (60°-80°)	10275	16.7
FVH (80°-90°)	346	0.6
BACK LIGHT	11777	19.1
BL (0°-30°)	3268	5.3
BM (30°-60°)	6240	10.1
BH (60°-80°)	2090	3.4
BVH (80°-90°)	178	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



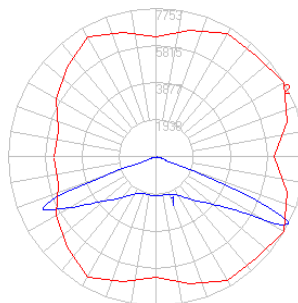
SLD 400W – MT – T4

ZONE	LUMENS	% Fixture
FORWARD LIGHT	44693	73.5
FL (0°-30°)	5531	9.1
FM (30°-60°)	28734	47.3
FH (60°-80°)	10052	16.5
FVH (80°-90°)	375	0.6
BACK LIGHT	13042	21.5
BL (0°-30°)	3316	5.5
BM (30°-60°)	7127	11.7
BH (60°-80°)	2399	3.9
BVH (80°-90°)	200	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



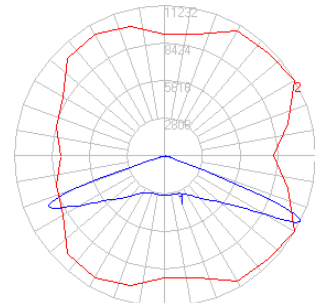
SLD 100W – MT – T5

ZONE	LUMENS	% Fixture
FORWARD LIGHT	8070	47.5
FL (0°-30°)	883	5.2
FM (30°-60°)	4178	24.6
FH (60°-80°)	2952	17.4
FVH (80°-90°)	56	0.3
BACK LIGHT	7968	46.9
BL (0°-30°)	871	5.1
BM (30°-60°)	3921	23.1
BH (60°-80°)	3146	18.5
BVH (80°-90°)	31	0.2
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



SLD 150W – MT – T5

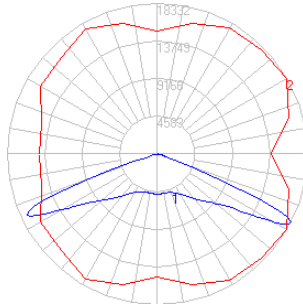
ZONE	LUMENS	% Fixture
FORWARD LIGHT	11672	47.4
FL (0°-30°)	1280	5.2
FM (30°-60°)	6094	24.8
FH (60°-80°)	4217	17.1
FVH (80°-90°)	81	0.3
BACK LIGHT	11529	46.9
BL (0°-30°)	1261	5.1
BM (30°-60°)	5694	23.1
BH (60°-80°)	4529	18.4
BVH (80°-90°)	46	0.2
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



PHOTOMETRICS

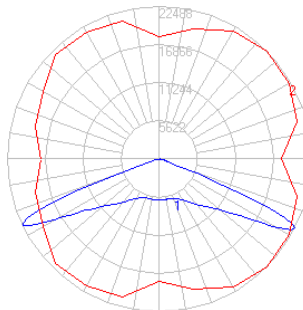
SLD 240W – MT - T5

ZONE	LUMENS	% Fixture
FORWARD LIGHT	19476	46.8
FL (0°-30°)	2129	5.1
FM (30°-60°)	10324	24.8
FH (60°-80°)	6898	6.6
FVH (80°-90°)	124	0.3
BACK LIGHT	19901	47.8
BL (0°-30°)	2099	5
BM (30°-60°)	9605	23.1
BH (60°-80°)	8066	19.4
BVH (80°-90°)	131	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



SLD 300W – MT – T5

ZONE	LUMENS	% Fixture
FORWARD LIGHT	23961	47
FL (0°-30°)	2648	5.2
FM (30°-60°)	12890	25.3
FH (60°-80°)	8278	16.2
FVH (80°-90°)	144	0.3
BACK LIGHT	24173	47.4
BL (0°-30°)	2597	5.1
BM (30°-60°)	11981	23.5
BH (60°-80°)	9445	18.5
BVH (80°-90°)	150	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0



SLD 400W – MT – T5

ZONE	LUMENS	% Fixture
FORWARD LIGHT	32027	47.1
FL (0°-30°)	3536	5.2
FM (30°-60°)	17144	25.2
FH (60°-80°)	11153	16.4
FVH (80°-90°)	194	0.3
BACK LIGHT	32372	47.6
BL (0°-30°)	3483	5.1
BM (30°-60°)	16076	23.6
BH (60°-80°)	12614	18.5
BVH (80°-90°)	199	0.3
UP LIGHT	0	0
UL (90°-100°)	0	0
UH (100°-180°)	0	0

