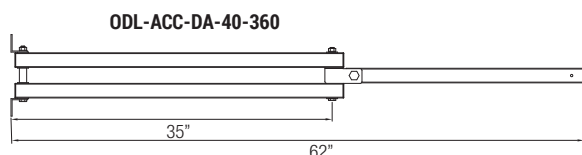
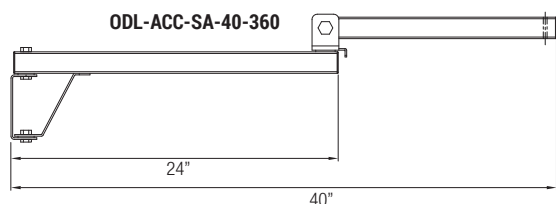
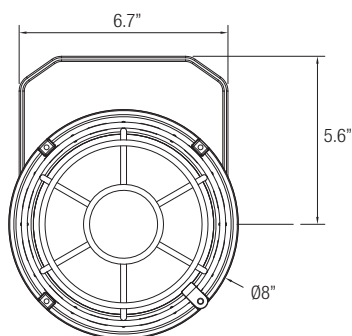
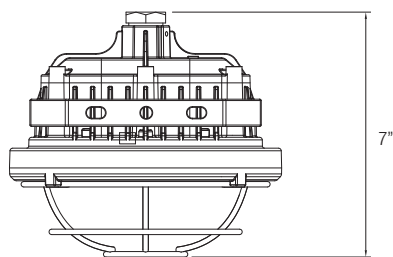


DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	5711	53W

Based on 5000K, 80+ CRI. Actual wattage may vary +/- 5%

FEATURES

The ODL1 Loading Dock Light series has a durable, flexible design, with impact resistance and ultimate thermal management perfect for withstanding harsh loading dock environments. Reinforcement brackets, option for double strut construction, and 360° rotation provide maximum support to arm and head, allowing for sturdiness with no bending or alteration over time. High-performance polycarbonate lamp heads and heavy-duty steel arms and struts are made to last and mount quickly. Spring arm option helps safeguard against overhead door and fork truck impacts. The ODL1 Loading Dock Light is ideal for achieving maximum productivity, safety, and energy efficiency at loading docks and for illuminating tractor trailer interiors.

LUMENS	6000
CCT & DYNAMIC PLATFORMS	50K
CRI	70+
TEMPERATURE	-40°C to 45°C (-40°F to 113°F)
WORKING HUMIDITY	30% to 90%
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS SYSTEM

Polycarbonate lamp head standard.

MAINTENANCE

No need for light bulb replacement or maintenance. Reduces installation time by reusing existing arms; Attaches directly to standard dock light arms for easy retrofit.

AIMING

Available in two bracket options 1) 40-inch single swing arm with 360° rotation and 2) 60-inch double strut arm with 360° rotation.

CONSTRUCTION

Die-cast aluminum housing. Heavy duty 1 ½" square steel arms and struts, 14-gauge tubing, 40" or 60" overall reach. All hardware is corrosion resistant. Hinged ends internally secured with aluminum inserts. Easily adjustable electrical cord lengths are secured with grommets.

MOUNTING

Designed for wall or post mounting. Requires a flat vertical surface of 5 inches wide and 20 inches high. If installing numerous fixtures, use the support bracket (from a fixture) as a template to create mounting holes. Four 1/3-inch bolts are required for mounting. For full safety, mount the bottom of the bracket approximately 6 feet 9 inches from the floor.

DRIVER ELECTRICAL INFORMATION

The LED driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20% THD, has a power factor between 90% and 100%. Thermally protected for additional safety.

WARRANTY

Five-year carefree warranty for parts and components. (Labor not included.)

LISTINGS

UL/C-UL listed to US and Canadian standards
IP65 Rating
ETL Listing

Example: **ODL1-LED-50W-MVOLT-50K**

SERIES	VOLTAGE	CCT	CRI	ACCESSORIES
<input type="checkbox"/> ODL1-LED-50W	<input type="checkbox"/> MVOLT	<input type="checkbox"/> 50K	<input type="checkbox"/> 70+	<input type="checkbox"/> ODL-ACC-SA-40-360 - Loading Dock Light Single Arm 360° Rotation <input type="checkbox"/> ODL-ACC-DA-40-360 - Loading Dock Light Double Arm 360° Rotation

ODL1-LED-50W-MVOLT-50K

INPUT WATTS: **53.4**

LUMENS: **5711**

CRI: **70**

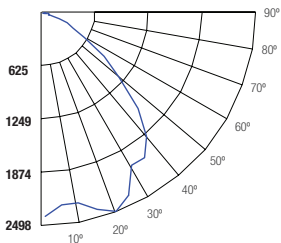
EFFICACY: **107**

CCT: **5000K**

TEST NO.: **EL0828919160**

SPACING CRITERIA: **1.32**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	877.50	15.40	15.40
0-30	1898.93	33.30	33.30
0-40	3147.62	55.20	55.10
0-60	4871.5	85.50	85.30
0-80	5409.95	94.90	94.70
0-90	5483.1	96.20	96.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	641161	712531	717357
55	409721	420111	516343
65	259893	291408	309463
75	160784	203635	232428
85	196611	233883	224654

Lumens Per Zone

Zone	Lumens
0-10	220.86
10-20	656.64
20-30	1021.43
30-40	1248.68
40-50	1061.87
50-60	662.02
60-70	354.46
70-80	183.99
80-90	73.15

Candela Tabulation

Q	
0	2409.896
5	2332.450
15	2212.540
25	2318.150
35	1914.230
45	1324.460
55	686.540
65	320.870
75	121.570
85	50.060
90	47.150

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	99	99	96
1	110	106	102	99	107	103	100	97	98	95	93	93	91	89	89	88	86	86	86	86	86	86	86	84
2	101	94	88	83	98	92	86	82	88	83	79	84	80	77	80	77	75	75	75	75	75	75	75	72
3	93	84	77	71	91	82	75	70	79	73	68	75	71	67	72	69	65	65	65	65	65	65	65	63
4	86	75	67	61	84	74	67	61	71	65	60	68	63	58	66	61	57	57	57	57	57	57	57	55
5	80	68	60	54	77	67	59	53	64	58	53	62	56	52	60	55	51	51	51	51	51	51	51	49
6	74	62	54	48	72	61	53	47	58	52	47	56	50	46	55	49	45	45	45	45	45	45	45	43
7	69	56	48	43	67	55	48	42	53	47	42	52	46	41	50	45	41	41	41	41	41	41	41	39
8	64	52	44	38	62	51	43	38	49	42	38	48	42	37	46	41	37	37	37	37	37	37	37	35
9	60	47	40	35	59	47	39	34	45	39	34	44	38	34	43	37	33	33	33	33	33	33	33	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	34	30	30	30	30	30	30	30	29

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	602	3.9	4.1
4	151	7.8	8.2
6	66.9	11.7	12.3
8	37.7	15.6	16.4
10	24.1	19.5	20.5
12	16.7	23.4	24.6
(FT.) Distance to Plane	(FC) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.