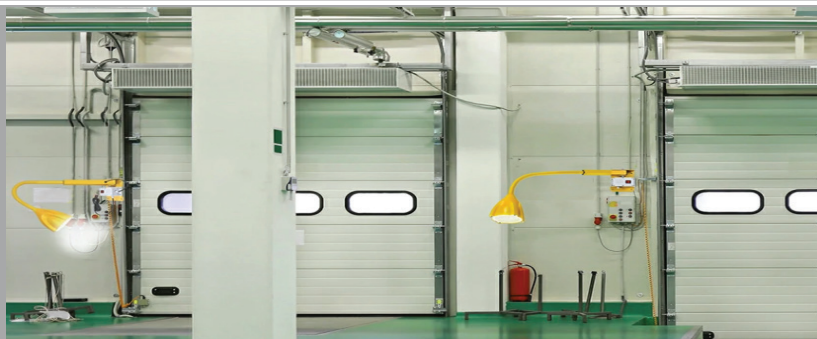
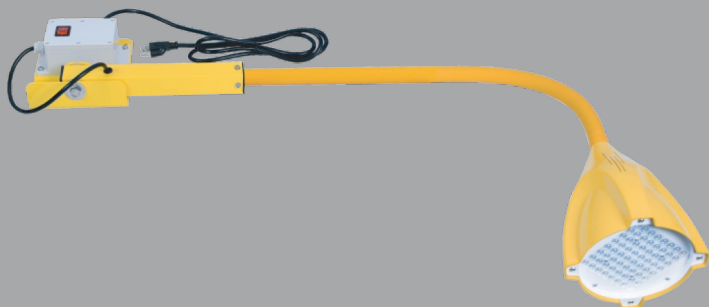
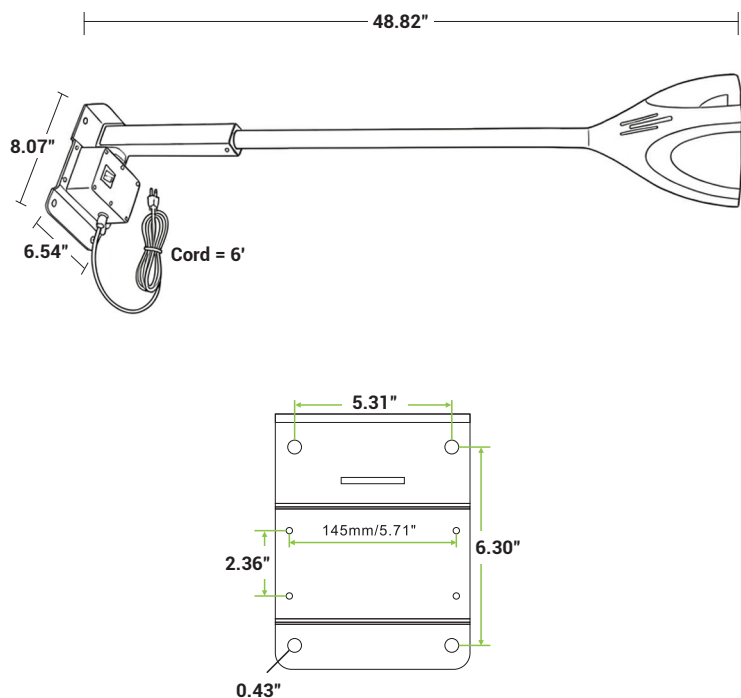




DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000L	5686L	40W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The ODL2 Loading Dock Light series features a durable and flexible design with excellent impact resistance and superior thermal management, making it ideal for harsh loading dock environments. Reinforcement brackets, optional double-strut construction, and 360° rotation provide maximum support for the arm and lamp head, ensuring long-term durability without bending or deformation over time.

High-performance polycarbonate lamp heads, along with heavy-duty steel arms and struts, are engineered for long-lasting performance and quick installation. An optional spring arm helps protect the fixture against impacts from overhead doors and forklifts.

The ODL2's low-profile design minimizes occupied installation space, while the flexible arm and hinged bracket allow the fixture to swing away upon impact, reducing the risk of damage. Combining flexibility, safety, energy efficiency, durability, and ease of use, the ODL2 is an ideal lighting solution for improving visibility and safety in loading docks, warehouses, auto repair shops, and similar industrial environments.

LUMENS	5000L
CCT	30K, 40K, 50K
CRI	85+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Wall Mount
DIMMING	RD - Rotary Dimming
BEAM ANGLE	25° Narrow (ND), 60° Medium (MD), 90° Wide (WD)
OPERATION TEMP.	-35°C (-31°F) to 45°C (113°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21

OPTICS

The standard polycarbonate lamp head is available with three distribution options: 25°, 60°, and 90° beam angles.

A static lumen output of 5000L ensures bright general illumination. Three color temperatures of 3000K, 4000K and 5000K enable different warm to cool moods and atmospheres.

CONSTRUCTION

Die-cast aluminum housing. Heavy duty 1-1/2" square steel arms and struts, 14-gauge tubing, 40"-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, the fixture requires a flat vertical surface measuring at least 5" wide by 20" high. When installing multiple fixtures, use the support bracket from one fixture as a template for creating mounting holes. Four (4) 1/3" bolts are required for secure installation. For optimal safety, mount the bottom of the bracket approximately 6 feet 9 inches above the floor.

Designed with four key slots, the fixture can be installed quickly and easily on most vertical surfaces. It comes equipped with a 6 ft. power cord and a NEMA 5-15P plug for convenient power connection.

MAINTENANCE

LED technology greatly extends the fixture's lifespan to over 50,000 hours while virtually eliminating maintenance, reducing the cost and inconvenience of lamp replacement. Its compact design features a durable polymer housing, and the IP65 rating ensures reliable performance in harsh working environments.

The luminaire can be cleaned with a dry or damp cloth to maintain optimal performance.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current LED drivers which are rated for 50 to 60Hz at 120-277V input and have a power factor of .90 to 1.00. Thermally protected for increased performance and safety.

DIMMING

RD - Rotary dimming

WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

cETLus Listed.
IP65 rated.
Suitable for wet locations.

ORDERING

Example: **ODL2-LED-5000L-RD-MVOLT-MD-50K-85**

ODL2-LED					
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI
ODL2-LED	5000L	RD - Rotary Dim	MVOLT (120-277V)	30K - 3000K 40K - 4000K 50K - 5000K	85

ODL 2-LED- 5000L-RD-MVOLT- WD-50K -85

INPUT WATTS: **40.9**

LUMENS: **5686**

CRI: **85**

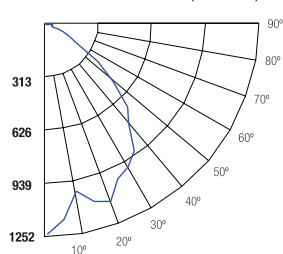
EFFICACY: **142**

CCT: **5000K**

TEST NO.: **EL082819158**

SPACING CRITERIA: **1.32**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	402.81	15.00	15.00
0-30	866.67	32.40	32.30
0-40	1436.45	53.60	53.50
0-60	2290.85	85.50	85.30
0-80	2514.16	93.80	93.60
0-90	2552.7	95.30	95.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	329091	327871	345831
55	205439	197699	190973
65	110835	113014	117299
75	72966	78521	87713
85	127330	129411	141037

Lumens Per Zone

Zone	Lumens
0-10	108.97
10-20	293.84
20-30	463.86
30-40	569.77
40-50	531.18
50-60	323.21
60-70	150.03
70-80	73.29
80-90	38.54

Candela Tabulation

Q	
0	1210.207
5	1096.170
15	983.460
25	1078.590
35	885.550
45	679.810
55	344.240
65	136.840
75	55.170
85	32.420
90	30.560

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	303	4.3	4.3
4	75.6	8.5	8.7
6	33.6	12.8	13
8	18.9	17.1	17.3
10	12.1	21.4	21.6
12	8.4	25.6	26
(F.T.) Distance to Plane	(F.C.) Initial Footcandle at Nadir	(F.T.) Beam Vert. Spread	(F.T.) Beam Horiz. Spread

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

ROOM CAVITY RATIO	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%	0%	
	0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	95	
	1	109	109	105	102	106	103	99	96	98	95	92	93	91	89	89	87	85	83	
	2	101	94	88	83	98	92	86	82	87	83	79	83	80	77	80	77	74	72	
	3	93	84	77	71	90	82	75	70	78	73	68	75	70	66	72	68	65	62	
	4	86	75	67	61	83	74	66	61	71	64	59	68	62	58	65	61	57	55	
	5	80	68	60	54	77	66	59	53	64	57	52	61	56	51	59	50	48	48	
	6	74	64	57	52	72	60	53	47	58	51	46	56	50	46	54	49	45	43	
	7	69	56	48	42	67	55	47	42	53	46	41	51	45	41	50	44	40	38	
8	64	51	43	38	62	50	43	38	49	42	37	47	41	37	46	40	36	34		
9	60	47	40	34	58	46	39	34	45	38	34	44	38	33	42	37	33	31		
10	56	44	36	31	55	43	36	31	42	35	31	40	34	30	39	34	30	28		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance