

4/3/2017

URL Series

LED Roadway
 70 CRI; 4000K

Will replace 70w to 400w HID

The URL Series LED Roadway is a powerful, energy saving roadway light fixture. Long-life LEDs make this an attractive fixture for new construction or retrofit projects.

Features:

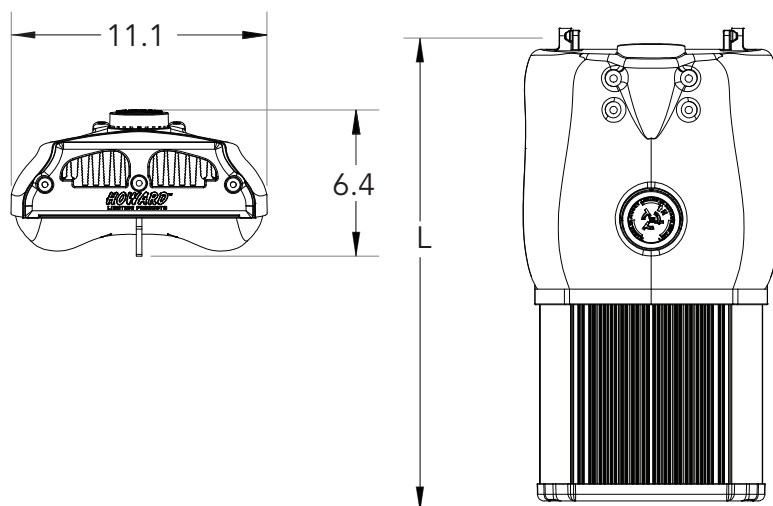
- Domestically Designed; Assembled in USA
- Up to 274K hours L_{70}
- Up to 68% energy savings
- Heavy Duty Aluminum Die-Cast Housing
- 70 CRI 4000K
- Standard Gray Housing Color
- Operating Temperature: -20°C to 50°C
- Power Factor (PF) >0.9
- Total Harmonic Distortion (THD) $\leq 20\%$
- Other color options: Black, Bronze, Silver, White, or Unpainted
- Options include:
 - Two Bolt Fitter Clamp
 - Long-Life Photocontrol
 - Dimming Photocontrol
 - House Side Lighting Control
 - Seven Pin Twistlock Dimming Receptacle



Applications:

- Streets and highways
- Parking lots
- Campuses
- Government and public facilities
- Mixed-use developments
- Residential communities
- Retail centers

Dimensions:



Effective Projected Area (EPA):

- URL04 = 0.65
- URL08 = 0.71
- URL12 = 0.76
- URL16 = 0.88



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Model Family	# LEDs	Optics	Drive Current	CCT ¹	Voltage	Housing Color ²	PEC Function	Options ³
URL	12	3M	70	40	U	GY	L	00000
URL LED Utility Roadway	04 08 12 16	3M: Type III 4M: Type IV 2T: Type II 3T: Type III	70: High Efficacy 10: High Power	40: 4000K	U: 120-277v	GY: Gray (Stand) BK: Black BZ: Bronze SL: Silver UP: Unpainted WH: White	L: Long Life Photocell P: Standard Photocell N: No Controls S: Shorting Cap	00000: No Options A: 2-Bolt Fitter Clamp B: Bubble Level G: Bird Guard 7: Seven Pin Twistlock ANSI C136.41 Dimming Receptacle

1. Consult factory for other CCT options.

2. Consult factory for non-gray housing colors.

3. Consult factory for ordering option configuration.

DLC Listed Models

URL043M7040U

URL043M1040U

URL083M7040U

URL083M1040U

URL123M7040U

URL123M1040U

URL163M7040U

URL163M1040U

Sample Ordering Number:

URL 12 3M 70 40 U GY L 00000

LED Utility Roadway

12 LEDs

3M Optics

700mA

4000K (70 CRI)

120-277v

Gray Housing

Long Life Photocell

No Options

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LED Roadway Fixture

Model		URL04															
Drive		High Efficacy								High Power							
Optical Distribution		T2 Type II		3M Type III		T3 Type III		4M Type IV		T2 Type II		3M Type III		T3 Type III		4M Type IV	
LED Count		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
CCT (K)		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Input	Voltage	120	277	120	277	120	277	120	277	120	277	120	277	120	277	120	277
	Current (A)	0.29	0.14	0.29	0.14	0.29	0.14	0.29	0.14	0.48	0.20	0.48	0.20	0.48	0.20	0.48	0.20
	Watts (W)	35.10	35.50	36.10	35.50	36.10	35.50	35.10	35.50	56.7	53.00	56.70	53.00	56.70	53.00	56.70	53.00
	Power Factor	0.99	0.93	0.99	0.93	0.99	0.93	0.99	0.95	0.99	0.95	0.99	0.95	0.99	0.95	0.99	0.95
	THD (%)	7.0	9.0	7.0	9.0	7.0	9.0	7.0	9.0	6.9	8.7	6.9	8.7	6.9	8.7	6.9	8.7
Output	Lumen Output	3275	3275	3118	3118	2921	2921	3290	3290	4430	4430	4218	4218	3952	3952	4451	4451
	BUG Rating	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1
	Luminous Efficacy (lm/w)	93	92	86	88	81	82	94	93	78	84	74	80	70	75	79	84
ANSI Wattage Label		40	40	40	40	40	40	40	40	50	50	50	50	50	50	50	50
Dimensions (in.)		11.1 x 6.4 x 16.6															
Weight (lbs)		14.4															

Model		URL08															
Drive		High Efficacy								High Power							
Optical Distribution		T2 Type II		3M Type III		T3 Type III		4M Type IV		T2 Type II		3M Type III		T3 Type III		4M Type IV	
LED Count		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
CCT (K)		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Input	Voltage	120	277	120	277	120	277	120	277	120	277	120	277	120	277	120	277
	Current (A)	0.63	0.27	0.63	0.27	0.63	0.27	0.63	0.27	0.96	0.43	0.96	0.43	0.96	0.43	0.96	0.43
	Watts (W)	75.40	75.00	75.5	75.00	75.5	75.0	75.40	75.00	113.8	114.2	113.8	114.2	113.8	114.2	113.8	114.2
	Power Factor	1.00	0.98	1.00	0.98	1.00	0.98	1.00	0.98	1.00	0.94	1.00	0.94	1.00	0.94	1.00	0.94
	THD (%)	7.2	6.8	7.2	6.8	7.2	6.8	7.2	6.8	6.0	8.5	6.0	8.5	6.0	8.5	6.0	8.5
Output	Lumen Output	6589	6589	6273	6273	5877	5877	6619	6619	8488	8488	8081	8081	7570	7570	8528	8528
	BUG Rating	2-0-2	2-0-2	2-0-1	2-0-1	1-0-1	1-0-1	2-0-2	2-0-2	2-0-2	2-0-2	2-0-1	2-0-1	2-0-2	2-0-2	2-0-2	2-0-2
	Luminous Efficacy (lm/w)	87	88	83	84	78	78	88	88	75	74	71	71	67	66	75	75
ANSI Wattage Label		80	80	80	80	80	80	80	80	110	110	110	110	110	110	110	110
Dimensions (in.)		11.1 x 6.4 x 18.6															
Weight (lbs)		16															

Specifications subject to change without notice.

Howard Lighting Products | 580 Eastview Drive | Laurel, MS 39443
 (toll free) 800.956.3456 | (direct) 601.422.0033 | (fax) 601.422.1652
www.HowardLightingProducts.com

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LED Roadway Fixture

Model		URL12															
Drive		High Efficacy								High Power							
Optical Distribution		T2 Type II		3M Type III		T3 Type III		4M Type IV		T2 Type II		3M Type III		T3 Type III		4M Type IV	
LED Count		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
CCT (K)		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Input	Voltage	120	277	120	277	120	277	120	277	120	277	120	277	120	277	120	277
	Current (A)	0.92	0.42	0.93	0.42	0.91	0.42	0.94	0.42	1.24	0.56	1.24	0.56	1.24	0.56	1.24	0.56
	Watts (W)	109.8	110.5	108	110.5	109.2	110.5	112.5	110.5	148.5	147.4	148.5	147.4	148.5	147.4	148.5	147.4
	Power Factor	1.00	0.94	1.00	0.94	1.00	0.94	0.998	0.95	0.998	0.95	0.998	0.95	0.998	0.95	0.998	0.95
	THD (%)	5.8	8.4	6.0	8.4	5.6	8.4	5.6	8.4	5.4	8.0	5.4	8.0	5.4	8.0	5.4	8.0
Output	Lumen Output	9595	9595	9249	9249	9083	9083	9586	9586	11924	11924	11352	11352	10634	10634	11979	11979
	BUG Rating	2-0-2	2-0-2	3-0-2	3-0-2	2-0-2	2-0-2	2-0-2	2-0-2	3-0-3	3-0-3	3-0-2	3-0-2	2-0-2	2-0-2	2-0-2	2-0-2
	Luminous Efficacy (lm/w)	87.4	87	86	84	83	82	85.2	87	80	81	76	77	72	72	81	81
ANSI Wattage Label		110	110	110	110	110	110	110	110	150	150	150	150	150	150	150	150
Dimensions (in.)		11.1 x 6.4 x 20.6															
Weight (lbs)		17.6															

Model		URL16															
Drive		High Efficacy								High Power							
Optical Distribution		T2 Type II		3M Type III		T3 Type III		4M Type IV		T2 Type II		3M Type III		T3 Type III		4M Type IV	
LED Count		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
CCT (K)		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Input	Voltage	120	277	120	277	120	277	120	277	120	277	120	277	120	277	120	277
	Current (A)	1.20	0.54	1.20	0.54	1.20	0.54	1.20	0.54	1.47	0.69	1.47	0.69	1.47	0.69	1.47	0.69
	Watts (W)	142.2	141	142.2	141	142.2	141	142.2	141	175	174.2	175	174.2	175	174.2	175	174.2
	Power Factor	1.00	0.96	1.0	0.96	1.0	0.96	1.0	0.96	1.0	0.91	1.0	0.91	1.0	0.91	1.0	0.91
	THD (%)	5.4	8.3	5.4	8.3	5.4	8.3	5.4	8.3	7.1	9.4	7.1	9.4	7.1	9.4	7.1	9.4
Output	Lumen Output	13058	13058	12432	12432	11647	11347	13118	13118	14160	14160	13481	13481	12629	12629	14226	14226
	BUG Rating	3-0-3	3-0-3	3-0-2	3-0-2	2-0-2	2-0-2	2-0-2	2-0-2	3-0-3	3-0-3	3-0-2	3-0-2	2-0-2	2-0-2	3-0-3	3-0-3
	Luminous Efficacy (lm/w)	92	93	87.4	88	82	83	92	93	81	81	77	77	72	72	81	82
ANSI Wattage Label		140	140	140	140	140	140	140	140	170	170	170	170	170	170	170	170
Dimensions (in.)		11.1 x 6.4 x 24.6															
Weight (lbs)		20.8															

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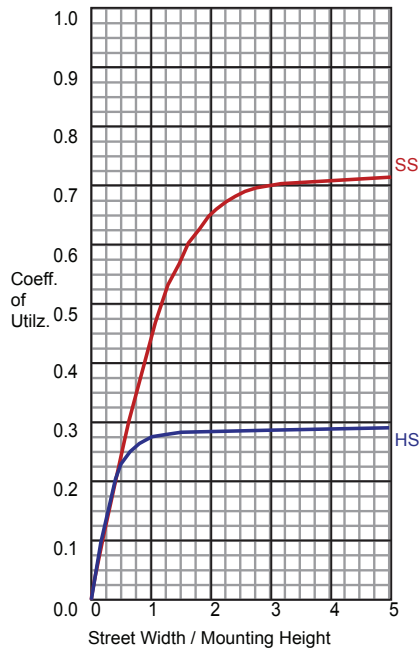
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URL Product Family	
Light Distribution	3M (Type III Medium)
Cutoff Rating	Cutoff
Coefficient of Utilization (CU)	71.1% Streetside/28.9% Houseside
CCT	4000K; other colors available (specify)
CRI	≥70 ≥80 available (specify)
Mounting	2 or 4 bolt adjustable @ 1-1/4", 1-1/2", and 2" NPS
Leveling	Integral orthogonal bubbles
Surge Protection	To 10kV
Vibration Rating	To 3G

CU Plot



Typical (URL123M @ 1050mA) Illuminance Footprint

