



Approved LED Luminaires for Roadway Lighting

Cobra-Head Type, 3000K Color Temperature - Superseded

Publication Date: **2025-01-13**

***IMPORTANT NOTE* - FOR HISTORICAL REFERENCE ONLY**

This file contains previously approved LED luminaires for historical reference only. This list is intended for use on active construction projects or determining wattage classes of existing installed LED Luminaires.

Specification Reference:

Standard Specification 9-29.10(1)B

Light Emitting Diode (LED) Conventional Roadway Luminaires

Notes:

1. 4000K Luminaire. 4000K luminaires are no longer approved for use in any WSDOT owned system. Existing units may remain in operation until end of useful life or until opportunity allows for replacement – whichever occurs first.
2. Luminaire versions with 2-bolt slipfitter mounts are not approved for use in any WSDOT owned system. This restriction is specific to WSDOT owned systems and does not apply to any local agency unless specifically stated by that agency.

For historical reference only. See: <https://www.wsdot.wa.gov/engineering-standards/construction-materials/electrical-materials> for currently approved luminaires.

Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
200W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)		ATB0-30BLEDE85-MVOLT-R3-HK-NL-P7-SH-RFD301010	2019-06-27	2019-12-31	1, 2
200W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)		ATB0-30BLEDE85-480-R3-HK-NL-P7-SH-RFD301014	2019-06-27	2019-12-31	1
200W	240	Cooper	Streetworks	Navion (NVN)		NVN-AF-02-D-U-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
200W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-02-D-8-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
200W	240	GE	N/A	Evolve (ERLH)		ERLH-0-10-C3-40-D-GRAY-A-B-G-I-L-055	2019-06-27	2019-12-31	1
200W	480	GE	N/A	Evolve (ERLH)		ERLH-H-10-C3-40-D-GRAY-A-B-G-I-L-055	2019-06-27	2019-12-31	1
200W	240	Philips	Lumec	RoadFocus Medium (RFM)		RFM-72W32LED4K-G2-R3M-UNV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
200W	480	Philips	Lumec	RoadFocus Medium (RFM)		RFM-108W48LED4K-T-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
200W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE70-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
200W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE70-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
200W	240	Cooper	Streetworks	Navion (NVN)		NVN-AF-02-E-U-T3-10K-7030-K-AP	2019-12-20	2020-09-14	

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
200W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-02-E-8-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
200W	240	GE	N/A	Evolve (ERLH)		ERLH-0-13-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
200W	480	GE	N/A	Evolve (ERLH)		ERLH-H-13-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
200W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	88	ATB2-40BLEDE70-MVOLT-R3-3K-MP-HK-NL-NR-RFD311676	2020-02-18	2021-08-01	
200W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	88	ATB2-40BLEDE70-480-R3-3K-HK-NL-NR-RFD311319	2020-02-18	2021-08-01	
200W	240	Cooper	Streetworks	Navion (NVN)	113	NVN-AF-02-E-U-T3-10K-7030-AP-U99549	2020-09-15	2022-01-25	
200W	480	Cooper	Streetworks	Navion (NVN)	113	NVN-AF-02-E-8-T3-10K-7030-AP-U99583	2020-09-15	2022-01-25	
200W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	106	ATB0-P303-MVOLT-R4-3K-MP-NL-NR-RFD322883	2021-08-02	2023-02-13	2
200W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	106	ATB0-P303-480-R4-3K-MP-NL-NR-RFD322887	2021-08-02	2023-02-13	2
200W	240	GE		Evolve (ERLH)	111	ERLH-0-13-C3-30-1-GRAY-A-B-I-L-055	2020-09-15	2025-01-13	
200W	480	GE		Evolve (ERLH)	111	ERLH-0-13-C3-30-1-GRAY-A-B-I-L-055	2020-09-15	2025-01-13	

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
250W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301011	2019-06-27	2019-12-31	1
250W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE10-480-R3-HK-NL-P7-SH-RFD301015	2019-06-27	2019-12-31	1
250W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-D-U-T2R-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
250W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-D-8-T2R-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
250W	240	GE	N/A	Evolve (ERL2)		ERL2-0-16-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
250W	480	GE	N/A	Evolve (ERL2)		ERL2-H-16-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
250W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFM-108W48LED4K-G2-R2M-UNV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
250W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFM-160W48LED4K-T-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
250W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE70-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
250W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE70-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
250W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFL-135W80LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
250W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFL-135W80LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
250W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-U-T3R-10K-7030-800-K-AP	2019-12-20	2020-09-14	
250W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-8-T3R-10K-7030-800-K-AP	2019-12-20	2020-09-14	
250W	240	GE	N/A	Evolve (ERL2)		ERL2-0-18-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
250W	480	GE	N/A	Evolve (ERL2)		ERL2-H-18-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
250W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	130	ATB2-60BLEDE70-MVOLT-R3-3K-MP-HK-NL-NR-RFD311677	2020-02-18	2021-08-01	
250W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	130	ATB2-60BLEDE70-480-R3-3K-HK-NL-NR-RFD311320	2020-02-18	2021-08-01	
250W	240	Cooper	Streetworks	Navion (NVN)	124	NVN-AF-03-E-U-T3R-10K-7030-800-AP-U99550	2020-09-15	2022-01-25	
250W	480	Cooper	Streetworks	Navion (NVN)	124	NVN-AF-03-E-8-T3R-10K-7030-800-AP-U99584	2020-09-15	2022-01-25	
250W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	105	ATB0-P451-MVOLT-R3-3K-MP-NL-NR-RFD323475	2021-08-02	2022-02-13	2

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250W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	105	ATB0-P451-480-R3-3K-MP-NL-NR-RFD323476	2020-08-02	2023-02-13	2
250W	240	GE		Evolve (ERL2)	140	ERL2-0-18-C3-30-1-GRAY-A-B-I-L-041	2020-09-15	2025-01-13	
250W	480	GE		Evolve (ERL2)	140	ERL2-H-18-C3-30-1-GRAY-A-B-I-L-041	2020-09-15	2025-01-13	
310W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301012	2019-06-27	2019-12-31	1
310W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE10-480-R3-HK-NL-P7-SH-RFD301016	2019-06-27	2019-12-31	1
310W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-D-U-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
310W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-D-8-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
310W	240	GE	N/A	Evolve (ERL2)		ERL2-0-18-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
310W	480	GE	N/A	Evolve (ERL2)		ERL2-H-18-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
310W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFL-215W96LED4K-T-R3M-UNIV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
310W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFM-160W48LED4K-G2-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1

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310W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE85-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
310W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE85-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
310W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFL-165W100LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
310W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFL-165W100LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
310W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-U-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
310W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-8-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
310W	240	GE	N/A	Evolve (ERL2)		ERL2-0-21-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
310W	480	GE	N/A	Evolve (ERL2)		ERL2-H-21-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
310W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	165	ATB2-60BLEDE85-MVOLT-R3-3K-MP-HK-NL-NR-RFD311678	2020-02-18	2021-08-15	
310W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	165	ATB2-60BLEDE85-480-R3-3K-HK-NL-NR-RFD311321	2020-02-18	2021-08-15	
310W	240	Cooper	Streetworks	Navion (NVN)	166	NVN-AF-03-E-U-T3-10K-7030-AP-U99551	2020-09-15	2022-01-25	

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310W	480	Cooper	Streetworks	Navion (NVN)	166	NVN-AF-03-E-8-T3-10K-7030-AP-U99585	2020-09-15	2022-01-25	
310W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	170	ATB0-P454-MVOLT-R3-3K-MP-NL-NR-RFD322854	2021-08-16	2023-02-13	2
310W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	170	ATB0-P454-480-R3-3K-MP-NL-NR-RFD322854	2021-08-16	2023-02-13	2
400W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301013	2019-06-27	2019-12-31	1
400W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-HK-NL-P7-SH-RFD301017	2019-06-27	2019-12-31	1
400W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-05-D-U-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
400W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-05-D-8-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	1
400W	240	GE	N/A	Evolve (ERL2)		ERL2-0-27-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
400W	480	GE	N/A	Evolve (ERL2)		ERL2-H-27-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	1
400W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFL-241W112LED4K-T-R3M-UNIV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1
400W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFL-241W112LED4K-G2-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	1

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400W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
400W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
400W	240	Philips	Lumec	RoadFocus Medium (RFL)		RFL-225W100LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
400W	480	Philips	Lumec	RoadFocus Medium (RFL)		RFL-225W100LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
400W	240	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-E-U-T3R-10K-7030-K-AP	2019-12-20	2020-09-14	
400W	480	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-E-8-T3R-10K-7030-K-AP	2019-12-20	2020-09-14	
400W	240	GE	N/A	Evolve (ERL2)		ERL2-0-28-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
400W	480	GE	N/A	Evolve (ERL2)		ERL2-H-28-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
400W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)	268	ATB2-80BLEDE10-MVOLT-R3-3K-MP-HK-NL-NR-RFD311679	2020-02-18	2021-08-01	
400W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-3K-HK-NL-NR-RFD311322	2020-02-18	2021-08-01	
400W	240	Cooper	Streetworks	Navion (NVN)	225	NVN-AF-04-E-U-T3R-10K-7030-AP-U99552	2020-09-15	2022-01-25	

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400W	480	Cooper	Streetworks	Navion (NVN)	225	NVN-AF-04-E-8-T3R-10K-7030-AP-U99586	2020-09-15	2022-01-25	
400W	240	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	187	ATB0-P455-MVOLT-R3-3K-NL-NR-RFD322886	2021-08-16	2023-02-13	2
400W	480	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)	187	ATB0-P455-480-R3-3K-NL-NR-RFD322886	2021-08-16	2023-02-13	2
400W	240	GE		Evolve (ERL2)	251	ERL2-0-28-C3-30-1-GRAY-A-B-I-L-041	2020-09-15	2025-01-13	
400W	480	GE		Evolve (ERL2)	251	ERL2-H-28-C3-30-1-GRAY-A-B-I-L-041	2020-09-15	2025-01-13	

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