

Superseded LED Luminaires for Roadway Lighting

Cobra-Head Type – FOR HISTORICAL REFERENCE ONLY

Publication Date: **2022-01-28**

IMPORTANT NOTE

This file contains previously approved LED luminaires for historical reference only.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

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Table 1.1: 200W Class, 120V/240V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
200W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)		ATB0-30BLEDE85-MVOLT-R3-HK-NL-P7-SH-RFD301010	2019-06-27	2019-12-31	4000K
200W	Cooper	Streetworks	Navion (NVN)		NVN-AF-02-D-U-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
200W	GE	N/A	Evolve (ERLH)		ERLH-0-10-C3-40-D-GRAY-A-B-G-I-L-055	2019-06-27	2019-12-31	4000K
200W	Philips	Lumec	RoadFocus Medium (RFM)		RFM-72W32LED4K-G2-R3M-UNV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
200W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE70-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
200W	Cooper	Streetworks	Navion (NVN)		NVN-AF-02-E-U-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
200W	GE	N/A	Evolve (ERLH)		ERLH-0-13-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
200W	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	Cooper	Streetworks	Navion (NVN)	113	NVN-AF-02-E-U-T3-10K-7030-AP-U99549	2020-09-15	2022-01-25	

Table 1.2: 250W Class, 120V/240V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
250W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301011	2019-06-27	2019-12-31	4000K
250W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-D-U-T2R-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
250W	GE	N/A	Evolve (ERL2)		ERL2-0-16-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
250W	Philips	Lumec	RoadFocus Medium (RFL)		RFM-108W48LED4K-G2-R2M-UNV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
250W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE70-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
250W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-135W80LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
250W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-U-T3R-10K-7030-800-K-AP	2019-12-20	2020-09-14	
250W	GE	N/A	Evolve (ERL2)		ERL2-0-18-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
250W	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	Cooper	Streetworks	Navion (NVN)	124	NVN-AF-03-E-U-T3R-10K-7030-800-AP-U99550	2020-09-15	2022-01-25	

Table 1.3: 310W Class, 120V/240V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
310W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301012	2019-06-27	2019-12-31	4000K
310W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-D-U-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
310W	GE	N/A	Evolve (ERL2)		ERL2-0-18-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
310W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-215W96LED4K-T-R3M-UNIV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
310W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE85-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
310W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-165W100LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
310W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-U-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
310W	GE	N/A	Evolve (ERL2)		ERL2-0-21-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
310W	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	Cooper	Streetworks	Navion (NVN)	166	NVN-AF-03-E-U-T3-10K-7030-AP-U99551	2020-09-15	2022-01-25	

Table 1.4: 400W Class, 120V/240V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
400W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-MVOLT-R3-HK-NL-P7-SH-RFD301013	2019-06-27	2019-12-31	4000K
400W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-05-D-U-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
400W	GE	N/A	Evolve (ERL2)		ERL2-0-27-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
400W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-241W112LED4K-T-R3M-UNIV-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
400W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-MVOLT-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
400W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-225W100LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20	2020-02-17	
400W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-E-U-T3R-10K-7030-K-AP	2019-12-20	2020-09-14	
400W	GE	N/A	Evolve (ERL2)		ERL2-0-28-C3-30-GRAY-A-B-G-I-L-055	2019-12-20	2020-09-14	
400W	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	Cooper	Streetworks	Navion (NVN)	225	NVN-AF-04-E-U-T3R-10K-7030-AP-U99552	2020-09-15	2022-01-25	

Table 2.1: 200W Class, 480V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
200W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB0)		ATB0-30BLEDE85-480-R3-HK-NL-P7-SH-RFD301014	2019-06-27	2019-12-31	4000K
200W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-02-D-8-T3R-10K-800-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
200W	GE	N/A	Evolve (ERLH)		ERLH-H-10-C3-40-D-GRAY-A-B-G-I-L-055	2019-06-27	2019-12-31	4000K
200W	Philips	Lumec	RoadFocus Medium (RFM)		RFM-108W48LED4K-T-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
200W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE70-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
200W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-02-E-8-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
200W	GE	N/A	Evolve (ERLH)		ERLH-H-13-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
200W	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	Cooper	Streetworks	Navion (NVN)	113	NVN-AF-02-E-8-T3-10K-7030-AP-U99583	2020-09-15	2022-01-25	

Table 2.2: 250W Class, 480V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
250W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-40BLEDE10-480-R3-HK-NL-P7-SH-RFD301015	2019-06-27	2019-12-31	4000K
250W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-D-8-T2R-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
250W	GE	N/A	Evolve (ERL2)		ERL2-H-16-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
250W	Philips	Lumec	RoadFocus Medium (RFL)		RFM-160W48LED4K-T-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
250W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE70-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
250W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-135W80LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
250W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-8-T3R-10K-7030-800-K-AP	2019-12-20	2020-09-14	
250W	GE	N/A	Evolve (ERL2)		ERL2-H-18-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
250W	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	Cooper	Streetworks	Navion (NVN)	124	NVN-AF-03-E-8-T3R-10K-7030-800-AP-U99584	2020-09-15	2022-01-25	

Table 2.3: 310W Class, 480V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
310W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE10-480-R3-HK-NL-P7-SH-RFD301016	2019-06-27	2019-12-31	4000K
310W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-D-8-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
310W	GE	N/A	Evolve (ERL2)		ERL2-H-18-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
310W	Philips	Lumec	RoadFocus Medium (RFL)		RFM-160W48LED4K-G2-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
310W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-60BLEDE85-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
310W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-165W100LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
310W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-03-E-8-T3-10K-7030-K-AP	2019-12-20	2020-09-14	
310W	GE	N/A	Evolve (ERL2)		ERL2-H-21-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
310W	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	Cooper	Streetworks	Navion (NVN)	166	NVN-AF-03-E-8-T3-10K-7030-AP-U99585	2020-09-15	2022-01-25	

Table 2.4: 400W Class, 480V Systems

Wattage Class	MFR	Brand	Model	Power Use (Watts)	Order Code	Approval Date	Expiration Date	Notes
400W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-HK-NL-P7-SH-RFD301017	2019-06-27	2019-12-31	4000K
400W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-05-D-8-T3-10K-600-4N7-K-AP-OA/RA1013	2019-06-27	2019-12-31	4000K
400W	GE	N/A	Evolve (ERL2)		ERL2-H-27-C3-40-D-GRAY-A-B-G-I-L-041	2019-06-27	2019-12-31	4000K
400W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-241W112LED4K-G2-R3M-HVU-DMG-RCD7-PH9-GY3	2019-06-27	2019-12-31	4000K
400W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-3K-NR-NL-HK	2019-12-20	2020-02-17	
400W	Philips	Lumec	RoadFocus Medium (RFL)		RFL-225W100LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20	2020-02-17	
400W	Eaton (Cooper)	Streetworks	Navion (NVN)		NVN-AF-04-E-8-T3R-10K-7030-K-AP	2019-12-20	2020-09-14	
400W	GE	N/A	Evolve (ERL2)		ERL2-H-28-C3-30-GRAY-A-B-G-I-L-041	2019-12-20	2020-09-14	
400W	Acuity Brands	American Electric Lighting (AEL)	Autobahn (ATB2)		ATB2-80BLEDE10-480-R3-3K-HK-NL-NR-RFD311322	2020-02-18	2021-08-01	
400W	Cooper	Streetworks	Navion (NVN)	225	NVN-AF-04-E-8-T3R-10K-7030-AP-U99586	2020-09-15	2022-01-25	