



Approved LED Luminaires for Roadway Lighting

Cobra-Head Type, 3000K Color Temperature

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

Specification Reference:

Standard Specification 9-29.10(1)B

Light Emitting Diode (LED) Conventional Roadway Luminaires

Notes:

- Items in **bold** are new additions to the previously published version.
- For any order code marked with an asterisk (*), contact HwyLighting@wsdot.wa.gov for special color order codes.
- Any order code may be modified to include a factory supplied shield, provided the modifications do not change any other option for the affected luminaire(s). The additional order code segment shall be noted in the submittal.
- Any order code may be modified to include a requirement for Buy American Act (BAA) compliance, provided the modifications do not change any other option for the affected luminaire(s). The additional order code segment shall be noted in the submittal.

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date
200W	240	Cooper	Streetworks	Archeon Medium (ARCH-M)	73	ARCH-M-PA2-70-730-U-T3-AP-10K-U101941	2020-09-15
200W	480	Cooper	Streetworks	Archeon Medium (ARCH-M)	73	ARCH-M-PA2-70-730-8-T3-AP-10K-U101940	2020-09-15
200W	240	SolarMAX		SMX-LL5	82	SMX-81WiE-NV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
200W	480	SolarMAX		SMX-LL5	82	SMX-81WiE-HV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
200W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	83	ATB2-P4XX-MVOLT-R4-3K-MP-NL-NR-RFD336856* -or- ATB2-P4XX-MVOLT-R4-3K-MP-NL-NR-BAA-RFD337579*	2023-04-10
200W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	83	ATB2-P4XX-480-R4-3K-MP-NL-NR-RFD336857* -or- ATB2-P4XX-480-R4-3K-MP-NL-NR-BAA-RFD337580*	2023-04-10
200W	240	Cooper	Streetworks	Navion (NVN)	85	NVN-SA2B-730-U-T3-AP-10K-U125867	2022-01-25
200W	480	Cooper	Streetworks	Navion (NVN)	85	NVN-SA2B-730-8-T3-AP-10K-U125871	2022-01-25
200W	240	Cree		XSP Large (XSPLG)	85	XSPLG-D-HT-3ME-18L-30K7-UL-J-X3	2020-09-15
200W	480	Cree		XSP Large (XSPLG)	85	XSPLG-D-HT-3ME-18L-30K7-UL-J-X3	2020-09-15
200W	240	GE		Evolve (ERL1)	93	ERL1-0-12-C5-30-1-GRAY-A-B-I-L-300	2025-01-13
200W	480	GE		Evolve (ERL1)	93	ERL1-H-12-C5-30-1-GRAY-A-B-I-L-300	2025-01-13
200W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	97	ATB2-P601-MVOLT-R4-3K-MP-NL-NR-AO4-RFD336858* -or- ATB2-P601-MVOLT-R4-3K-MP-NL-NR-AO4-BAA-RFD337581*	2023-04-10
200W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	97	ATB2-P601-480-R4-3K-MP-NL-NR-AO4-RFD336859* -or- ATB2-P601-480-R4-3K-MP-NL-NR-AO4-BAA-RFD337582*	2023-04-10
200W	240	Leotek		Green Cobra Large (GCL)	105	GCL1-80J-MV-30K-3F-GY-155-LPCR-4B-DSC-WL20E	2020-09-15
200W	480	Leotek		Green Cobra Large (GCL)	105	GCL1-80J-HV-30K-3F-GY-155-LPCR-4B-DSC-WL20E	2020-09-15

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200W	240	Acuity	American Electric Lighting (AEL)	Autoconnect Medium (ACM)	107	ACM-P607-MVOLT-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-RFD342040* - or - ACM-P607-MVOLT-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342041*	2024-01-01
200W	480	Acuity	American Electric Lighting (AEL)	Autoconnect Medium (ACM)	107	ACM-P607-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-RFD342043* - or - ACM-P607-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342043*	2024-01-01
200W	240	Signify	Lumec	RoadFocus Medium (RFM)	108	RFM-108W32LED3K-G2-R3M-UNIV-2C-NRC-GY3	2019-12-20
200W	480	Signify	Lumec	RoadFocus Medium (RFM)	108	RFM-108W32LED3K-G2-R3M-HVU-2C-NRC-GY3	2019-12-20
250W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	105	ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-RFD337545* -or- ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-BAA-RFD337587*	2023-04-10
250W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	105	ATB2-P4XX-480-R3-3K-MP-NL-NR-RFD337546 -or- ATB2-P4XX-480-R3-3K-MP-NL-NR-BAA-RFD337588*	2023-04-10
250W	240	Cree		Traveyo Large (TRVLG)	110	TRVLG-A-HT-3ME-16L-30K7-UL-GY-4BLT-W10	2020-09-15
250W	480	Cree		Traveyo Large (TRVLG)	110	TRVLG-A-HT-3ME-16L-30K7-UH-GY-4BLT-W10	2020-09-15
250W	240	GE		Evolve (ERL2)	114	ERL2-0-16-C5-30-1-GRAY-A-B-I-L-041	2025-01-13
250W	480	GE		Evolve (ERL2)	114	ERL2-H-16-C5-30-1-GRAY-A-B-I-L-041	2025-01-13
250W	240	Acuity	American Electric Lighting (AEL)	Autoconnect Medium (ACM)	118	ACM-P608-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342044 - or - ACM-P608-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB--RFD342045	2024-01-01
250W	480	Acuity	American Electric Lighting (AEL)	Autoconnect Medium (ACM)	118	ACM-P608-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB--RFD342047 - or - ACM-P608-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342046	2024-01-01
250W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	119	ATB2-P601-MVOLT-R3-3K-MP-NL-NR-AO5-RFD336864 -or- ATB2-P601-MVOLT-R3-3K-MP-NL-NR-AO5-BAA-RFD337585*	2023-04-10

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date
250W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	119	ATB2-P601-480-R3-3K-MP-NL-NR-AO5-RFD336865 -or- ATB2-P601-480-R3-3K-MP-NL-NR-AO5-BAA-RFD337586*	2023-04-10
250W	240	SolarMAX		SMX-LL5	120	SMX-120WiE-NV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
250W	480	SolarMAX		SMX-LL5	120	SMX-120WiE-HV-LL5-NR-3070-T302-AP-10-CUL(WS)	2020-08-16
250W	240	Cooper	Streetworks	Archeon Medium (ARCH-M)	122	ARCH-M-PA2-120-730-U-T3-AP-10K-U103211	2020-09-15
250W	480	Cooper	Streetworks	Archeon Medium (ARCH-M)	122	ARCH-M-PA2-120-730-8-T3-AP-10K-U103212	2020-09-15
250W	240	Leotek		Green Cobra Large (GCL)	123	GCL1-80J-MV-30K-3F-GY-185-LPCR-4B-DSC-WL25E	2020-09-15
250W	480	Leotek		Green Cobra Large (GCL)	123	GCL1-80J-HV-30K-3F-GY-185-LPCR-4B-DSC-WL25E	2020-09-15
250W	240	Cooper	Streetworks	Navion (NVN)	124	NVN-SA3B-730-U-T3-AP-10K-U125868	2022-01-25
250W	480	Cooper	Streetworks	Navion (NVN)	124	NVN-SA3B-730-8-T3-AP-10K-U125872	2022-01-25
250W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATBM	135	ATBM-P40-MVOLT-R3-4B-3K-MP-NL-NR-RFD336860 -or- ATBM-P40-MVOLT-R3-4B-3K-MP-NL-NR-BAA-RFD337583*	2023-04-10
250W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATBM	135	ATBM-P40-480-R3-4B-3K-MP-NL-NR-RFD336861 -or- ATBM-P40-480-R3-4B-3K-MP-NL-NR-BAA-RFD337584*	2023-04-10
250W	240	Signify	Lumec	RoadFocus Large (RFL)	136	RFL-135W80LED3K-G2-R3M-UNIV-NRC-GY3	2020-02-18
250W	480	Signify	Lumec	RoadFocus Large (RFL)	136	RFL-135W80LED3K-G2-R3M-HVU-NRC-GY3	2020-02-18
310W	240	SolarMAX		SMX-LL5	135	SMX-134WiE-NV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
310W	480	SolarMAX		SMX-LL5	135	SMX-134WiE-HV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
310W	240	Acuity	American Electric Lighting (AEL)	Autoconnect Large (ACL)	157	ACL-P126-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB-RFD342049* - or - ACL-P126-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342048*	2024-01-01

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Wattage Class	Voltage	Manufacturer	Brand	Model	Power Use (Watts)	Order Code	Approval Date
310W	480	Acuity	American Electric Lighting (AEL)	Autoconnect Large (ACL)	157	ACL-P126-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-RFD342051* - or - ACL-P126-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342050*	2024-01-01
310W	240	Cooper	Streetworks	Archeon Large (ARCH-L)	162	ARCH-L-PA3-160-730-U-T3-AP-10K-U103213	2020-09-15
310W	480	Cooper	Streetworks	Archeon Large (ARCH-L)	162	ARCH-L-PA3-160-730-8-T3-AP-10K-U103214	2020-09-15
310W	240	Cree		XSP Large (XSPLG)	164	XSPLG-D-HT-3ME-24L-30K7-UL-J-X7	2020-09-15
310W	480	Cree		XSP Large (XSPLG)	164	XSPLG-D-HT-3ME-24L-30K7-UH-J-X7	2020-09-15
310W	240	Signify	Lumec	RoadFocus Large (RFL)	165	RFL-165W100LED3K-G2-R3M-UNIV-NRC-GY3	2020-02-18
310W	480	Signify	Lumec	RoadFocus Large (RFL)	165	RFL-165W100LED3K-G2-R3M-HVU-NRC-GY3	2020-02-18
310W	240	Cooper	Streetworks	Navion (NVN)	166	NVN-SA3C-730-U-T3-AP-10K-U125869	2022-01-25
310W	480	Cooper	Streetworks	Navion (NVN)	166	NVN-SA3C-730-8-T3-AP-10K-U125873	2022-01-25
310W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	170	ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-RFD336868* -or- ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-BAA-RFD337589*	2023-04-10
310W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	170	ATB2-P4XX-480-R3-3K-MP-NL-NR-RFD336869* -or- ATB2-P4XX-480-R3-3K-MP-NL-NR-BAA-RFD337590*	2023-04-10
310W	240	Leotek		Green Cobra Large (GCL)	173	GCL2-80J-MV-30K-3F-GY-240-LPCR-4B-DSC-WL31E	2020-09-15
310W	480	Leotek		Green Cobra Large (GCL)	173	GCL2-80J-HV-30K-3F-GY-240-LPCR-4B-DSC-WL31E	2020-09-15
310W	240	GE		Evolve (ERL2)	177	ERL2-0-21-C3-30-1-GRAY-A-B-I-L-041	2020-09-15
310W	480	GE		Evolve (ERL2)	177	ERL2-H-21-C3-30-1-GRAY-A-B-I-L-041	2020-09-15
400W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	187	ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-RFD337541* -or- ATB2-P4XX-MVOLT-R3-3K-MP-NL-NR-BAA-RFD337593*	2023-04-10

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400W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	187	ATB2-P4XX-480-R3-3K-MP-NL-NR-RFD337542* -or- ATB2-P4XX-480-R3-3K-MP-NL-NR-BAA-RFD337594*	2023-04-10
400W	240	GE		Evolve (ERL6)	187	ERL6-0-28-C6-30-1-GRAY-A-B-I-L-001	2025-01-13
400W	480	GE		Evolve (ERL6)	187	ERL6-H-28-C6-30-1-GRAY-A-B-I-L-001	2025-01-13
400W	240	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	196	ATB2-P602-MVOLT-R3-3K-MP-NL-NR-RFD336872* -or- ATB2-P602-MVOLT-R3-3K-MP-NL-NR-BAA-RFD337591*	2023-04-10
400W	480	Acuity	American Electric Lighting (AEL)	Autobahn ATB2	196	ATB2-P602-480-R3-3K-MP-NL-NR-RFD336873 -or- ATB2-P602-480-R3-3K-MP-NL-NR-BAA-RFD337592*	2023-04-10
400W	240	Acuity	American Electric Lighting (AEL)	Autoconnect Large (ACL)	199	ACL-P128-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB-RFD342053* - or - ACL-P128-MVOLT-ZT-R3-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342052	2024-01-01
400W	480	Acuity	American Electric Lighting (AEL)	Autoconnect Large (ACL)	199	ACL-P128-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-RFD342055* - or - ACL-P128-XVOLT480-ZT-R4-4B-3K-GY-MP-NL-NTR-NTB-BAA-RFD342054*	2024-01-01
400W	240	SolarMAX		SMX-LL5	190	SMX-190WiE-NV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
400W	480	SolarMAX		SMX-LL5	190	SMX-190WiE-HV-LL5-NR-3070-T302-AP-10-CUL(WS)	2021-08-16
400W	240	Cree		Traveyo Extra Large (TRVXL)	219	TRVXL-A-HT-3ME-30L-30K7-UL-GY-4BLT-W10	2020-09-15
400W	480	Cree		Traveyo Extra Large (TRVXL)	219	TRVXL-A-HT-3ME-30L-30K7-UH-GY-4BLT-W10	2020-09-15
400W	240	Cooper	Streetworks	Archeon Large (ARCH-L)	222	ARCH-L-PA3-220-730-U-T3-AP-10K-U103215	2020-09-15
400W	480	Cooper	Streetworks	Archeon Large (ARCH-L)	222	ARCH-L-PA3-220-730-8-T3-AP-10K-U103216	2020-09-15
400W	240	Signify	Lumec	RoadFocus Large (RFL)	224	RFL-225W100LED3K-G2-R3M-UNIV-NRC-GY3	2020-02-18
400W	480	Signify	Lumec	RoadFocus Large (RFL)	224	RFL-225W100LED3K-G2-R3M-HVU-NRC-GY3	2020-02-18
400W	240	Cooper	Streetworks	Navion (NVN)	225	NVN-SA4C-730-U-T3-AP-10K-U125870	2022-01-25

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400W	480	Cooper	Streetworks	Navion (NVN)	225	NVN-SA4C-730-8-T3-AP-10K-U125874	2022-01-25
400W	240	Leotek		Green Cobra 2 (GC2)	242	GC2-96G-MV-WW-3R-GY-800-LPCR-DSC-WL40E	2020-09-15
400W	480	Leotek		Green Cobra 2 (GC2)	242	GC2-96G-HV-WW-3R-GY-800-LPCR-DSC-WL40E	2020-09-15

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