



## CITY OF SAN DIEGO

### APPROVED MATERIALS LIST FOR STREET LIGHTING

January 2026

A blue ink signature of the name "Margaret McCormick".

Margaret McCormick  
Interim Assistant Director  
Transportation Department

A blue ink signature of the name "Alex Ubaldo".

Alex Ubaldo  
Interim Deputy Director  
Engineering, Asset Management & Parking  
Transportation Department

Transportation Department - City of San Diego  
**APPROVED MATERIALS LIST (AML) FOR STREET LIGHTING**  
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<b>PEDESTRIAN SCALE LUMINAIRES</b>			
<b>TYPE</b>	<b>SUBJECT/PRODUCT DESCRIPTION</b>	<b>MANUFACTURERS</b>	<b>ADDITIONAL REQUIREMENTS / NOTES</b>
A1 C	LED Post Top Luminaire with Solid Top, Gateway, Streetside 3000K CCT, Symmetric Type V, with 3" uplight shield and frosted lens.	General Electric Cat #: EPAS02005C40AAHAXXXR052	Luminaire is typically used on Pole Type P-A
		Spring City Cat #: ALMAGS-M5-LE60-EVX-2F2-30-CN5-YPLF-GES-FPA-TR7P-**-CU	Luminaire is typically used on Pole Type P-A  ** indicates shield
		Holophane Cat #: WFCL3 P20 30K MVOLT LS FC5 CMC SK FRGL PR7	Luminaire is typically used on Pole Type P-A
A2 C	LED Post Top Luminaire, Gateway, Sidewalk 3000K CCT, Asymmetric Type III, with 3" uplight shield and frosted lens.	General Electric Cat #: EPAS02005D40AAHAXXXR052	Luminaire typically used on Pole Type P-A
		Spring City Cat #: ALMAGS-M5-LE60-EVX-2F2-30-CR3-YPLF-GES-FPA-TR7P-**-CU	Luminaire is typically used on Pole Type P-A  ** indicates shield
		Holophane Cat #: WFCL3 P20 30K MVOLT LS FC3 CMC SK FRGL PR7	Luminaire is typically used on Pole Type P-A
AP	LED Post Top Luminaire, Asian Pacific See SDE-107 for Dimensions, Details, and Finishes  est. 40W/3650L  (Or approved equal upon approval from Engineer of Record)	Visco Cat #: AP-C-107-40LED-UNV-30-5-SS	Control is by button photocell on luminaire

Shielding shall be considered when ordering luminaires. Only manufacturer-designed and manufacturer-approved shields are permitted.

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T	LED Tear Drop Luminaire, 3000K CCT Type III 176W/13976L	Spring City Cat # ALMCLU-M8-LE080-EVX- 2G2-30-CR3-GR14-LAVBC-TR7R-CU	
		Sun Valley Cat # LCLS-D-PA-III-32LED-70mA-30K- UNV-2-180-__-__	**Blanks are filled-in by RE depending on location. Blanks spots are for color & accessories. RE responsible when selecting.
		Holophane Cat #: MPL3 P25U 40K MVOLT TG3 NPTCMC PR7 PCLL	
G	LED Post Top Luminaire, Gaslamp, Five head assembly. 150W/22,500L	Holophane Arm Assembly: Cat #: NY14/20U099AAB-31-4 TMP-94 RFD208663 Luminaire: PSUE3 P30 30K MVOLT CONVEX AL5 CMC TCMC PR7 PCLL RFD338866	
		Visco Cat #: VI-A-CR3EMN-F/14'-18"WH- 35WLED-3000K-T5-AB	

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<b>STREET LIGHTING LUMINAIRES</b>			
<b>TYPE</b>	<b>SUBJECT/PRODUCT DESCRIPTION</b>	<b>MANUFACTURERS</b>	<b>ADDITIONAL REQUIREMENTS / NOTES</b>
A	LED Cobra Head Luminaire, 3000K CCT Distribution Type II	General Electric Cat #: ERL-1-0-05-J7-30-A-GRAY-GL	
		AEL Cat #: ACC-P303-MVOLT-ZT-R2- 3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ1-30J-MV-30K-2R-GY-040-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L616S-5-7-2ES-F-S-GY-3-UL-2-S-A	
B	LED Cobra Head Luminaire, 3000K CCT Distribution Type II	General Electric Cat #: ERL1-0-07-J7-30-A-GRAY-GL	
		AEL Cat #: ACC-P304-MVOLT-ZT-R2- 3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ2-30J-MV-30K-2R-GY -055-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L616S-5-7-2ES-3-S-GY-3-UL-2-S-A	
C	LED Cobra Head Luminaire, 3000K CCT Distribution Type II	General Electric Cat #: ERL1-0-08-K7-30-A-GRAY-GL	
		AEL Cat #: ACM-P602-MVOLT-ZT-R2- 3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ3-30J-MV-30K-2R-GY-070-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L616S-5-7-2ES-T-S-GY-3-UL-2-S-A	

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D	LED Cobra Head Luminaires, 3000K CCT Distribution Type III	General Electric Cat #: ERL1-0-10-L7-30-A-GRAY-GL	
		AEL Cat #: ACM-P402-MVOLT-ZT-R3-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ3-30J-MV-30K-3R-GY-080-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L616S-5-7-3LM-R-S-GY-3-UL-2-S-A	
E	LED Cobra Head Luminaire, 3000K CCT Distribution Type III	General Electric Cat #: ERL1-0-11-L7-30-A-GRAY-GL	
		AEL Cat #: ACM-P403-MVOLT-ZT-R3-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ3-30J-MV-30K-3R-GY-095-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L616S-5-7-3LM-U-S-GY-3-UL-2-S-A	
F	LED Cobra Head Luminaire, 3000K CCT Distribution Type III	General Electric Cat #: ERL1-0-12-L7-30-A-GRAY-GL	
		AEL Cat #: ACM-P604-MVOLT-ZT-R3-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ4-30J-MV-30K-3R-GY-105-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.

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<b>TYPE</b>	<b>SUBJECT/PRODUCT DESCRIPTION</b>	<b>MANUFACTURERS</b>	<b>ADDITIONAL REQUIREMENTS / NOTES</b>
G	LED Cobra Head Luminaire 3000K CCT Distribution Type III	General Electric Cat #: ERL2-0-18-L7-30-A-GRAY-GL	
		AEL Cat #: ACL-P802-MVOLT-ZT-R3-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCM3-60J-MV-30K-3R-GY-160-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: L660M-5-7-3LM-2-S-GY-3-UL-2-S-A	
H	LED Cobra Head Luminaire, 3000K CCT Distribution Type IV	General Electric Cat #: ERL1-0-05-M7-30-A-GRAY-GL	
		AEL Cat #: ACC-P303-MVOLT-ZT-R4- 3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ1-30J-MV-4-GY-040-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: NXT24S-5-7-4AH-5-GY-4-UL-X-2H	
I	LED Cobra Head Luminaire, 3000K CCT Distribution Type IV	General Electric Cat #: ERL1-0-06-M7-30-A-GRAY-GL	
		AEL Cat #: ACC-P304-MVOLT-ZT-R4-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCJ2-30J-MV-30K-4-GY-055-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: NXT24S-5-7-4AH-7-GY-4-UL-X-2H	

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J	LED Cobra Head Luminaire 3000K CCT Distribution Type IV	General Electric Cat #: ERL2-0-16-M7-30-A-GRAY-GL	
		AEL Cat #: ACL-P801-MVOLT-ZT-R4-3K-GY-P7NBR-BL	
		LEOTEK Cat #: GCM2-60J-MV-30K-4-GY-145-PCR7-WL-BBL	Leotek luminaires are approved for replacement of existing Leotek fixtures only. They shall not be used for new installations or for conversions from other manufacturers.
		LED Roadway Lighting Cat #: NXT72M-5-7-4AH-6-GY-4-UL-X-2H	

**COBRA HEAD FIXTURE SUMMARY**

<b>Luminaire Type</b>	<b>Streetlight Distribution</b>	<b>Lumens</b>	<b>CCT (K)</b>
A	Type II Distribution	4,000 - 4,700 Lumens	3000K CCT
B	Type II Distribution	5,500 - 6,300 Lumens	3000K CCT
C	Type II Distribution	7,000 - 7,900 Lumens	3000K CCT
D	Type III Distribution	8,000 – 9,000 Lumens	3000K CCT
E	Type III Distribution	9,200 - 9,900 Lumens	3000K CCT
F	Type III Distribution	10,000 – 10,900 Lumens	3000K CCT
G	Type III Distribution	15,500 – 16,400 Lumens	3000K CCT
H	Type IV Distribution	4,000 – 4,600 Lumens	3000K CCT
I	Type IV Distribution	5,300 – 6,200 Lumens	3000K CCT
J	Type IV Distribution	14,200 – 15,200 Lumens	3000K CCT

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<b>FINISH COLOR REFERENCE TABLE</b>				
<b>FINISH CODE</b>	<b>COLOR DESCRIPTION</b>	<b>COLOR REFERENCE</b>	<b>AREA USED</b>	<b>RAL OR PAINT EQUIVALENT</b>
BG	Black Gloss, Gold		Adams Ave MAD University Ave (From 3 <sup>rd</sup> Ave to Park Blvd)	RAL #9005 (Federal Standard Color 27038 "Black") Pro-Line 4800, Bronze Flakes
BK	Black, Gloss		Gaslamp District (Refer to Street Design Manual, Figure 7-6 for District Boundaries), Park Boulevard	RAL #9005 (Federal Standard Color 27038 "Black")
CB	San Diego Blue (formerly CCDC Blue)		Downtown, Civic San Diego Area	SHERWIN WILLIAMS #PLS6- 10008
CG	Chard Green		Sherman Heights	Custom Color - Paint to match existing pole color (Home Depot, Chard, Base 3930, #663417719277)
DB	Dark Bronze		Parking Lots	RAL #8019

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GN	Green (Dark)		Little Italy District (Refer to Street Design Manual, Figure 7-6 for District Boundaries)	RAL #6005
GY	Grey		Intersections (Cobra Heads), Park Parking Lots, Ocean Beach MAD, Kensington MAD	RAL #9018
OC	Ochre		Barrio Logan, Caesar Chavez Boulevard	RAL #8001
SG	Seafoam Green		El Cajon Boulevard (From Park Avenue to 40th Street)	RAL #6027

**NOTE:** Area used is not necessarily all inclusive. Verify color with adjacent luminaires when replacing.

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<b>POLES</b>			
<b>ITEM</b>	<b>SUBJECT/PRODUCT DESCRIPTION</b>	<b>MANUFACTURERS</b>	<b>ADDITIONAL REQUIREMENTS / NOTES</b>
P-A	Streetscape Pole with Type A1 & A2 Luminaires, Gateway, See SDE-105	Visco  Cat #: VI-C-C2-F/16'-3" TENONS-**-E- AB WITH 18C FINIAL, C2 ARM ASSEMBLY, 17C SUPPORT, 20C SPIRE, 15C AND 14C SUPPORT, 13C POLE COLLAR, 12C/F BASE COLLAR, 11C UPPER BASE, 10C LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated.
		ELA  Cat #: ELA-16-9-TA-GLSD-** WITH 18C FINIAL, C2 ARM ASSEMBLY, 17C SUPPORT, 20C SPIRE, 15C AND 14C SUPPORT, 13C POLE COLLAR, 12C/F BASE COLLAR, 11C UPPER BASE, 10C LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
P-AP	Streetscape Pole with Type AP Luminaire, Asian Pacific See SDE-106 & 107	Visco  Cat #: VI-A-F/14'-3" TENON-TIGER DRYLAC RAL#6028  WITH 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated "RAL#6028"
		ELA  Cat #: ELA-14-534-PT-GLSD TIGER DRYLAC RAL#6028  WITH 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated "RAL#6028"
P-C	Streetscape Pole with Type C Luminaire, See SDE-108	Visco  Cat #: VI-A-F/10'-3" TENON-**-AB WITH 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
		ELA  Cat #: ELA-10-534-PT-GLSD-**-AB WITH 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.

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<b>POLES</b>			
<b>ITEM *</b>	<b>SUBJECT/PRODUCT DESCRIPTION</b>	<b>MANUFACTURERS</b>	<b>ADDITIONAL REQUIREMENTS / NOTES</b>
P-CE	Streetscape Enhanced Pole, with Type C Luminaire See SDE-109	Visco Cat #: VI-C-F/12'-3" TENON-**-AB WITH 15C SUPPORT, 14C SUPPORT, 13C POLE COLLAR, 12C/F BASECOLLAR, 11C UPPER BASE, 10CLOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
		ELA Cat #: ELA-12-9-PT-GLSD-CCDC BLUE- AB WITH 15C SUPPORT, 14C SUPPORT, 13C POLE COLLAR, 12C/F BASECOLLAR, 11C UPPER BASE, 10CLOWER BASE	All cast iron and steel light pole parts are to be factory powder coated "CCDC Blue"
P-CL	Streetscape Pole with Type CL Luminaire See SDE-109	Visco Cat #: VI-C-F/12'-3" TENON-** WITH 15C SUPPORT, 14C SUPPORT, 13C POLE COLLAR, 12C/F BASECOLLAR, 11C UPPER BASE, 10CLOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
		ELA Cat #: ELA-12-9-PT-GLSD-** WITH 15C SUPPORT, 14C SUPPORT, 13C POLE COLLAR, 12C/F BASECOLLAR, 11C UPPER BASE, 10CLOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
P-G	Streetscape Pole with Type G Luminaire, Gaslamp See SDE-110	Visco Cat #: VI-A-CR3EMN-F/14'-18"-55QL-** -AB WITH CR3EMN ARM ASSEMBLY, 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
		ELA Cat #: ELA-14-534-PT-GLSD-** WITH CR3EMN ARM ASSEMBLY, 12A/F BASE COLLAR, 11A UPPER BASE, 10A LOWER BASE	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
P-T	Streetscape Pole, with type T Luminaires, Teardrop See SDE-111	Visco Cat #: VI-WB21-OCT/22'-4" TENON-AB-**	All cast iron and steel light pole parts are to be factory powder coated in color required for application.
		ELA Cat #: ELA-22-834-PT-PKSD-**	All cast iron and steel light pole parts are to be factory powder coated in color required for application.

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**Limitations:** Products specified here are strictly limited to specific types and models submitted and tested by the City of San Diego. Other products not included in this AML and offered by the same manufacturers will not be accepted.

**Procedures for Product Review Submittal:** Applicants requesting other products be included in the City's Street Lighting AML must comply with the following submittal, review, and approval process.

1. Submit all materials or requests to the Transportation Department Approved Materials List (AML) Committee Chair:

Aida Vance, Senior Civil Engineer  
Engineering, Asset Management, & Parking Division  
Transportation Department  
Phone: (619) 573-0141  
Email: [avance@sandiego.gov](mailto:avance@sandiego.gov)

2. The material shall comply with the City's Standard Drawings Section SDE, The "Whitebook" Section 700, and the Greenbook.
3. The application package shall include the "Submittal Requirements for City of San Diego Approvals for the Approved Materials List" form and all of the requirements outlined within.
4. The submittal shall be submitted via email to the AML Committee Chair and shall contain the manufacturer's product data for each specified product.
5. There is no guaranteed time frame for the completion of product review as much of the information on criteria such as long-term testing, service, and durability may not be readily available.
6. Field Test: It is *required* that one local installation of the product being submitted for review be installed on a street light and left in place for 6 months. The product will be installed by Street Division's Electrical – Street Lights Section.
7. If the product passes the review and field test, it will be presented to the AML Committee for approval. Once approved, it will then be added to the AML.
8. Incomplete submittals will not be considered and will be discarded after 30 days.
9. An authorization of product will expire in three years. Authorization of resubmittals should occur before the expiration date to remain on the Approved Materials List.
10. The City reserves the rights to sample and to remove a product from the Approved Material List at any time.