

Public Utilities Department - City of San Diego  
Approved Materials List for Street Lighting  
October 2, 2018 (Edited by TEO 3/5/20)

PEDESTRIAN SCALE LUMINAIRES				
Item *	SUBJECT / PRODUCT DESCRIPTION	SPEC. REF	MANUFACTURERS	ADDITIONAL REQUIREMENTS / NOTES
A1-4	LED Post Top Luminaire with Solid Top, Gateway, StreetSide 4000K CCT, Symmetric Type V, with 3" uplight shield and frosted lens. 55W/5200L	700-6.7	General Electric Cat.#: EPAS-0-F5-A-40-BAA-XX-XXXEMH IES File: EPAS type V 4000K QUAD FOLD_NCLED17E03220_120V_1712 1430.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Type P-A
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-40-CN5-YPLF-FPA-M2-TR7P-**-CU IES File: AGS-LE080-X2-40-CN5-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Type P-A
A1-3	LED Post Top Luminaire with Solid Top, Gateway, Streetside 3000K CCT, Symmetric Type V, with 3" uplight shield and frosted lens. 55W/5200L	700-6.7	General Electric Cat.#: EPAS-0-F5-A-30-BAA XX-XXXEMH IES File: EPAS type V 3000K QUAD FOLD_NCLED17E03219_120V_1712 1430.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Type P-A
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-30-CN5-YPLF-FPA-M2-TR7P-**-CU IES File: AGS-LE080-X2-30-CN5-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Type P-A
A2-4	LED Post Top Luminaire with Solid Top, Gateway, Sidewalk 4000K CCT, Asymmetric Type III, with 3" uplight shield and frosted lens. 55W/5200L	700.6.7	General Electric Cat.#: EPAS-0-F3-A-40-BAA-XX-XXXEMH IES File: EPAS type V 4000k O_180_NCLED17E03217_120V_1712 1230.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire typically used on Pole Type P-A
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-40-CR3-YPLF-FPA-M2-TR7P-XX-CU FINISH: * (See Below) IES File: AGS-LE080-X2-40-CR3-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Type P-A

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<b>PEDESTRIAN SCALE LUMINAIRES</b>				
A2-3	LED Post Top Luminaire, Gateway, Sidewalk 3000K CCT, Asymmetric Type III, with 3" uplight shield and frosted lens. 55W/5200L	700.6.7	General Electric Cat.#: EPAS-0-F3-A-30-BAA-XX-XXXEMH  IES File: EPAS type V 3000k 0_180_NCLED17E03218_120V_17121330.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire typically used on Pole Type P-A
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-30-CR3-YPLF-FPA-M2-TR7P-XX-CU FINISH: * (See Below) IES File: AGS-LE080-X2-30-CR3-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / 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	700.6.7	Visco Cat.#: AP-C-107-40LED-UNV-40-5-SS	Control is by button photocell on luminaire
			ELA Cat.#: AP-ELA-40LED-40K-V-DSR1	Control is by button photocell on luminaire
C-4	LED Post Top Luminaire with solid top, Standard 4000K CCT, Type V with 3" uplight shield and frosted lens. 55W/5200L	700-6.7	General Electric Cat.#: EPAS-0-F5-A-40-BAA-XX-XXXEMH IES File: EPAS type V 4000K QUAD FOLD_NCLED17E03220_120V_17121430.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Types P-C, P-CE and P-CL(for Little Italy)
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-40-CN5-YPLF-FPA-M2-TR7P-COLOR-CU COLOR: * (See Below) IES File: AGS-LE080-X2-40-CN5-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Types P-C, P-CE and P-CL(for Little Italy)
C-3	LED Post Top Luminaire with solid top, Standard 3000K CCT, Type V with 3" uplight shield and frosted lens. 55W/5200L	700-6.7	General Electric Cat.#: EPAS-0-F5-A-30-BAA-XX-XXXEMH IES File: EPAS type V 3000K QUAD FOLD_NCLED17E03219_120V_117121333.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Types P-C, P-CE and P-CL(for Little Italy)

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PEDESTRIAN SCALE LUMINAIRES				
			Spring City Cat.#: ALMAGS-LE080/EVX/X2-30-CN5-YPLF-FPA-M2-TR7P-**-CU  IES File: AGS-LE080-X2-30-CN5-YPLL.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node / Luminaire is typically used on Pole Types P-C, P-CE and P-CL(for Little Italy)
G-4	LED Post Top Luminaire, Gaslamp, Five head assembly. 150W/22,500L	700-6.7	Visco Arm Assembly: Cat.#: VI-CR3-EMN-18-30LED-**  Luminaire: LED LAMP, 30W, 4000K, 4500 Lumens, E27 Mogul base, 120V	
			ELA Arm Assembly: Cat.#: GL-ELA-30LED-40K-V-DSR1-***  Luminaire: Cat.#: ELA L2800-18/CR3E 5-WAY POST MOUNT LED LAMP, 30W, 4000K, 4500 Lumens, E27 Mogul base, 120V	
MA-4	Maintenance Assessment District, Option A, LED Post top, Acorn Style Luminaire with Translucent top, 4000K, Type III Optics, 118 Acrylic globe and internal 7 Pin ANSI socket.	700-6.7	Spring City Cat.#: ALMVLL-LE075G/EVX/L19-50-CN3-YS29-FPL-HS-CU	Provide each new luminaire with Item #AC7 Adaptive Control Node
			ELA Cat.#: RIV2-24-PT-45LED-120-40-SA-DB-PCF7	
MB-4	Maintenance Assessment District, Option B, LED Post top, contemporary style luminaire, 4000K, Type III, "cutoff style" optics, and 7 Pin ANSI socket.	700-6.7	ANP Cat.#: LA102-1-NL-P046LD4-D-T3-40k-TL7-51	Provide each new luminaire with Item #AC7 Adaptive Control Node
			GE Cat.#: ELWN-0-A-8-U-B-A-A-XX-AD	

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PEDESTRIAN SCALE LUMINAIRES				
T	LED Tear Drop Luminaire, 4000K CCT, Type III. 176W/13,976L	700-6.7	Spring City Cat.#: ALMCLU-LE080/EVX/X2-40- CR3-GR14-TR7P-XX-CU-** WITH ALAVBC-2.00FNPT-1.25MNPT ADAPTOR IES File: CLU-LE080-X2-40-CR3- GR14.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
			Sun Valley Cat.#: LCLS-D-APA-III-80LED-NW- UNV-2-180-**-GR IES File: LCLS-APA-3-80LED-NW.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node

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STREET LIGHTING LUMINAIRES				
X-4	LED Cobra Head Luminaire, Type X, 4000K CCT Distribution Type II 3,500 Lumens, Min.	700.6.5	General Electric Cat.#: ERL1-0-04-B3-40-A-GRAY-GL  IES File: ERL1_04B340_120-277.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-24S-5-7-2LB-5-**-3-UL- X-2H IES File: NXT-24S-525mA-2LB- 4000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
X-3	LED Cobra Head Luminaire, Type X, 3000K CCT Distribution Type II 3,500 Lumens, Min.	700.6.5	General Electric Cat.#: ERL1-0-04-B3-30-A-GRAY-GL  IES File: ERL1_04B330_120-277.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-24S-5-7-2LB-5-**-3000K- UL-X-2H IES File: NXT-24S-525mA-2LB- 3000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
YI-4	LED Cobra Head Luminaire, Type Y-INT, 4000K CCT Distribution Type III 6,500 Lumens, Min.	209.6.5	General Electric Cat.#: ERL1-0-07-C3-40-A-GRAY-GL  IES File: ERL1_07C340_ .ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-36S-5-7-3LB-7-GY-3-UL-X- 2H IES File: NXT-36S-700mA-2LB- 4000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
YI-3	LED Cobra Head Luminaires, Type Y-INT, 3000K CCT Distribution Type III 6,500 Lumens, Min.	209.6.5	General Electric Cat.#: ERL1-0-07-C3-30-A-GRAY-GL  IES File: ERL1_07C330_ .ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-36S-5-7-3LB-7-GY-3000K- UL-X-2H IES File: NXT-36S-2LB-700mA- 3000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
ZI-4	LED Cobra Head Luminaire, Type Z-INT, 4000K CCT Distribution Type III	700.6.5	General Electric Cat.#: ERLH-0-11-C3-40-A-GRAY-GL  IES File: ERLH_11C340_ .ies	Provide each new luminaire with Item #AC7 Adaptive Control Node

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STREET LIGHTING LUMINAIRES				
	11,000 Lumens, Min.		LED Roadway Ltg. Cat.#: NXT-60M-5-7-3LB-7-GY-3-UL-X-2H  IES File: NXT-60M-700mA-3LB-4000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
ZI-3	LED Cobra Head Luminaire, Type Z-INT, 3000K CCT Distribution Type III 11,000 Lumens, Min.	700.6.5	General Electric Cat.#: ERLH-0-11-C3-30-A-GRAY-GL  IES File: ERLH_11C330_.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-60M-5-7-3LB-7-GY-3000K-UL-X-2H  IES File: NXT-60M-700mA-3LB-3000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
YM-4	LED Cobra Head Luminaire, Type Y-MID, 4000K CCT Distribution Type II 6,500 Lumens, Min.	700.6.5	General Electric Cat.#: ERL1-0-07-B3-40-A-GRAY-GL  IES File: ERL1_07B340_.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-36S-5-7-2LB-7-GY-3-UL-X-2H  IES File: NXT-36S-700mA-2LB-4000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
YM-3	LED Cobra Head Luminaires, Type Y-MID, 3000K CCT Distribution Type II 6,500 Lumens, Min.	700.6.5	General Electric Cat.#: ERL1-0-07-B3-30-A-GRAY-GL  IES File: ERL1_07B330_.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-36S-5-7-2LB-7-GY-3000K-UL-X-2H  IES File: NXT-36S-2LB-700mA-3000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
ZM-4	LED Cobra Head Luminaire, Type Z-MID, 4000K CCT Distribution Type III 11,000 Lumens, Min.	700.6.5	General Electric Cat.#: ERLH-0-11-C3-40-A-GRAY-GL  IES File: ERLH_11C340____.ies	Provide each new luminaire with Item #AC7 Adaptive Control Node

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STREET LIGHTING LUMINAIRES				
			LED Roadway Ltg. Cat.#: NXT-60M-5-7-3LB-7-GY-3-UL-X-2H IES File: NXT-60M-700mA-3LB-4000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node
ZM-3	LED Cobra Head Luminaire, Type Z-MID, 3000K CCT Distribution Type III 11,000 Lumens, Min.	700.6.5	General Electric Cat.#: ERLH-0-11-C3-30-A-GRAY-GL IES File: ERLH_11C330_ .ie	Provide each new luminaire with Item #AC7 Adaptive Control Node
			LED Roadway Ltg. Cat.#: NXT-60M-5-7-3LB-7-GY-3000K-UL-X-2H IES File: NXT-60M-700mA-3LB-3000K.IES	Provide each new luminaire with Item #AC7 Adaptive Control Node

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<b>LUMINAIRE ACCESSORIES</b>				
AC7	Adaptive Controls Node, ANSI 5 Pin (For use on luminaires equipped with ANSI Standard C136.41-2013, 7 pin socket)	700.6.6	General Electric Cat.#: ELWN-0-A-8-U-B-A-A-XX-AD	Proprietary item due to compatibility with City wide control system.
			Mfr #2: No others allowed.	
SNV	Sensor Node, Vertical Mount	700.6.6	General Electric Cat.#: CIQAV-SOWAC2E1-**	Proprietary item due to compatibility with City wide control system.
			Mfr #2: No others allowed.	
SNH	Sensor Node, Horizontal Mount	700.6.6	General Electric Cat.#: CIQAH-SOWAC2E1-**	Proprietary item due to compatibility with City wide control system.
			Mfr #2: No others allowed.	
HSSX	House Side Shield for Type X	700.6.5	General Electric Cat.#: ELSHS-ERL1	
			LED Roadway Lighting Cat.#: NXT-S- HSS	
HSSY	House Side Shield for Type Y	700.6.5	General Electric Cat.#: ELSHS-ERL1	
			LED Roadway Lighting Cat.#: NXT-S- HSS	
HSSZ	House Side Shield for Type Z	700.6.5	General Electric Cat.#: ELSHS-ERLH	
			LED Roadway Lighting Cat.#: NXT-M- HSS	

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FINISH COLOR REFERENCE TABLE				
Finish Code	Color Description	Color Reference	Area Used	RAL or Paint Equivalent
BK	Black, Gloss		Gaslamp District (Refer to Street Design Manual, Figure 4-2 for District Boundaries) Park Boulevard	RAL#9005 (Federal Standard Color 27038 "Black")
CB	San Diego Blue CCDC Blue) (formerly		Downtown, Civic San Diego Area	SHERWIN WILLIAMS #PLS6-10008
CG	Chard Green		Adams Avenue MAD	Custom Color - Paint to Match Existing Pole Color (Home Depot, Chard, Base 3930, #663417719277)
DB	Dark Bronze		Parking Lots	RAL#8019
GN	Green (Dark)		Little Italy District (Refer to Street Design Manual, Figure 4-2 for District Boundaries)	RAL#6005

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FINISH COLOR REFERENCE TABLE				
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>				
Item *	SUBJECT / PRODUCT DESCRIPTION	SPEC. REF	MANUFACTURERS	ADDITIONAL REQUIREMENTS / NOTES
P-A	Streetscape Pole with Type A1 & A2 Luminaires, Gateway, See SDE-105	700.6.8.1	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	700.6.8	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	700.6.8	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.
P-CE	Streetscape Enhanced Pole, with Type C Luminaire See SDE-109	700.6.8	Visco Cat.#: VI-C-F/12'-3" TENON-**-AB WITH 15C SUPPORT, 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.

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<b>POLES</b>				
			ELA Cat.#: ELA-12-9-PT-GLSD-CCDC BLUE-AB WITH 15C SUPPORT, 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 "CCDC Blue"
P-CL	Streetscape Pole with Type CL Luminaire See SDE-109	700.6.8.5	Visco Cat.#: VI-C-F/12'-3" TENON-** WITH 15C SUPPORT, 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.
			ELA Cat.#: ELA-12-9-PT-GLSD-** WITH 15C SUPPORT, 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-G	Streetscape Pole with Type G Luminaire, Gaslamp See SDE-110	700.6.8	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	700.6.8	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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**LUMINAIRE APPLICATION CODES**

STREET TYPE CODE:

X	Alley
Y	Street Width up to 52'
Z	Street Width over 52'

LOCATION CODE:

I	Intersection & Cul-de-sac
M	Mid-Block

COLOR CODE:

3	3000 Kelvin
4	4000 Kelvin

**LUMINAIRE ACCESSORY CODES**

AC	Adaptive Control Node
HSS	House Side Shield

**POLE APPLICATION CODES**

P-C	Street Light Pole with Type Designation
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**ABBREVIATIONS**

MAD	Maintenance Assessment District
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