

**City of Ontario, California  
Engineering Department  
Traffic and Transportation Division**

**Approved Material List  
LED Luminaires**



November 2022

# CITY OF ONTARIO

## APPROVED MATERIAL LIST (AML) LED LUMINAIRES

**General:** Products on this AML have been evaluated and found acceptable for use on City of Ontario (City) projects. Products on this list are subject to additional testing during construction or installation.

### Notes:

1. The information contained herein, shall not be used for advertising purposes, nor is it an endorsement by the City.
2. The design engineer shall confirm whether a fixture will be installed in Ontario Ranch and will thus be black in color or whether a fixture will be installed in Original Model Colony and be grey in color. E.g., in the “\*Luminaire Order No.” column the “AP (gray)” information corresponds to a gray color and “BK (black)” information corresponds to a black color option.
3. All new LED luminaires shall be installed with UbiCell 3.0 Smart Photocell Model: UBC-30-0-01-NA-01-1-GY(gray)/BK (black) and services bundle Model: BNDL-10YR-SERVICES. Smart Photocell color shall match color of LED luminaire.

City Contact: Engineering Department, (909) 395-2025

**APPROVED MATERIAL LIST (AML) LED LUMINAIRES**

LED Lamp Group	LED Lamp Subgroup	HPS Wattage Equivalent	Roadway Section	Pole Spacing, S (±15')	Configuration	Std. Dwg. Pole Type	LED Wattage	Mfg	*Luminaire Order No. (See note 2 on page 2 for color selection info)
I	-	70 watt	36/40-Foot Local Street Section	S = 260', (1/2)*S = 130' (see Traffic & Transportation Guidelines)	Staggered	5101-Type B	24	Cooper	ARCH-N-PA1-20-730-U-T2R-AP (gray) / BK (black) -10MSP-PR7
							28	Holophane	ATBX P40 MVOLT R2 3K (blank) (gray) / BK (black) MP NL P7
							28	GE	ERLC 0 04B5 30 A GRAY / BLCK (black)
							27	Leotek	G CJ1-30J-MV-30K-2R-GY (gray) / BK (black) -040-PCR7-WL
II	-	100 watt	48-Foot Local Industrial Street Section	S = 360', (1/2)*S = 180' (see Traffic & Transportation Guidelines)	Staggered	5101-Type A	44	Cooper	ARCH-N-PA1-40-730-U-T2U-AP (gray) / BK (black) -10MSP-PR7
							51	Holophane	ATBX P60 MVOLT R3 3K (blank) (gray) / BK (black) NL P7
							36	GE	ERLC 0 05B5 30 A GRAY / BLCK (black)
							34	Leotek	G CJ1-30J-MV-30K-2R-GY (gray) / BK (black) -050-PCR7-WL
III	-	150 watt	64-Foot Arterial/Collector Street Section	S = 320', (1/2)*S = 160' (see Traffic & Transportation Guidelines)	Staggered	5101-Type C 5108	96	Cooper	ARCH-S-PA1-100-730-U-T2R-AP (gray) / BK (black) -10MSP-PR7
							82	Holophane	ATBS P50 MVOLT R2 3K (blank) (gray) / BK (black) MP NL P7
							87	GE	ERL1 0 11B5 30 A GRAY / BLCK (black)
							80	Leotek	GCM1-60J-MV-30K-3R-GY (gray) / BK (black) -120-PCR7-WL
IV	A	250 watt	76-Foot Arterial/Collector Street Section	S = 244', (1/2)*S = 122' (see Traffic & Transportation Guidelines)	Staggered	5101-Type C	111	Cooper	ARCH-M-PA2-110-730-U-T3-AP (gray) / BK (black) -10MSP-PR7
							118	Holophane	ATBM P30 MVOLT R3 3K (blank) (gray) / BK (black) MP NL P7 RFD
			84-Foot Arterial/Collector Street Section	S = 260', (1/2)*S = 130' (see Traffic & Transportation Guidelines)	Staggered	5108	121	GE	ERL1 0 15C5 30 A GRAY / BLCK (black)
							100	Leotek	GCM2-60J-MV-30K-3R-GY (gray) / BK (black) -145-PCR7-WL
	B	250 Watt	82-Foot Arterial/Collector Street Section	162'±15'	Opposed	5101-Type C	111	Cooper	ARCH-M-PA2-110-730-U-T3-AP (gray) / BK (black) -10MSP-PR7
			94-Foot Principal Arterial Street Section	148'±15'	Opposed	5101-Type C			
			72-Foot Principal Arterial Street Section	175'±15'	Opposed	5108	81	Holophane	ATBM P30 MVOLT R3 3K (blank) (gray) / BK (black) MP NL P7 RFD
			84-Foot Principal Arterial Street Section	160'±15'	Opposed	5108			
			96-Foot Principal Arterial Street Section	147'±15'	Opposed	5108	121	GE	ERL1 0 15C5 30 A GRAY / BLCK (black)
			108-Foot Principal Arterial Street Section	140'±15'	Opposed	5108			
			130-Foot Principal Arterial Street Section	118'±15'	Opposed	5108	100	Leotek	GCM2-60J-MV-30K-3R-GY (gray) / BK (black) -145-PCR7-WL

\*All new LED luminaires shall be installed with UbiCell 3.0 Smart Photocell and services bundle. See note 3 on page 2 for model number requirements.