



ALL AREA LIGHTS ON NEW 15 FT. POLES MOUNTED ON 2 FT. CONCRETE BASES.

THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS REGULATED BY LOCAL ORDINANCES

LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A	17
2	A	17
3	B	17
4	B	17
5	B	17
6	B	17
7	B	17
8	B	17
9	B	17
10	B	17
11	B	17
12	C	16.5
13	C	16.5
14	C	16.5
15	C	16.5
16	C	16.5
17	C	16.5
18	C	16.5
19	C	16.5
20	C	16.5
21	C	16.5
22	C	16.5
23	C	16.5
24	C	16.5
25	C	16.5
26	C	16.5
27	C	16.5
28	C	16.5
29	C	16.5
30	C	16.5
31	C	16.5
32	D	10
33	D	10
34	D	10
35	D	10
36	D	10
37	E	13
38	E	13
39	E	13
40	E	13
41	E	13
42	E	13
43	E	13
44	E	13
45	E	13
46	E	13
47	E	13
48	E	13
49	E	13
50	E	13
51	F	8.75
52	F	8.75
53	F	8.75
54	F	8.75

FOOTCANDLES CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
CANOPY	23.80	30	15	1.59	2.00
PAVED AREA	4.13	21.8	0.8	5.16	27.25
UNDEFINED AREA	0.82	16.1	0.0	N.A.	N.A.

LUMINAIRE SCHEDULE									
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	TOTAL WATTS	MANUFACTURER	DESCRIPTION
	2	A	SINGLE	8891	1.030	B1-U0-G2	263.8	CREE, INC.	ARE-EDG-3MB-DA-06-E-UL-BZ-700
	9	B	SINGLE	9549	1.030	B1-U0-G2	1206	CREE, INC.	ARE-EDG-4MB-DA-06-E-UL-BZ-700
	20	C	SINGLE	7275	1.020	B3-U0-G1	880	Cree Lighting	CP5-13L-57K7-DF-UL-RC-XX-Q1
	5	D	SINGLE	3902	1.030	B2-U0-G0	170	CREE, INC.	SFT-228-PS-RM-03-E-UL-XX-350-IC-57K
	14	E	SINGLE	8739	1.030	B2-U0-G2	1414	CREE, INC.	SEC-EDG-3M-WM-06-E-UL-XX-525-57K
	4	F	Single	2849	1.000	B2-U5-G0	212	FC LIGHTING, INC.	FCC618W-UNV-930-1515L-BRE-D15U15-LD



QTY	LABEL	DESCRIPTION
2	A	ARE-EDG-3MB-DA-06-E-UL-BZ-700
9	B	ARE-EDG-4MB-DA-06-E-UL-BZ-700



ADDITIONAL FIXTURE INFO

THE EDGE® Series

LED Area/Flood Luminaire

Product Description
The EDGE® Series has a slim, low profile design. Its rugged cast aluminum housing meets high load requirements and features an integral, weathering, LED driver compartment and high performance aluminum heat sink. Various mounting options: Adjustable Arm, Direct Arm, Direct Arm Long, or Side Arm (details on page 2). Includes a hood for parking.

Applications: Parking lots, walkways, campuses, car dealerships, office campuses, and retail locations.

Performance Summary
Patented NanoGrip® Product Technology
Assembled in the USA by Cree Lighting from US and imported parts
CBI: Minimum 70 CRI (4000K & 5000K), 80 CRI (3000K), 90 CRI (3000K)
CCT: Turbly Friendly Amber, 3000K (4-), 3000K, 4000K (4-), 3000K, 5000K (4-), 5000K (4-), 5000K standard
Limited Warranty: 10 years on luminaires/10 years on ColorStar Detachable® finish/5 years on PNL lens/1 year on accessories



Product	Optic	Mount	LED Count	LED Color	Color	Options
ARE-EDG-2M	IMD	AMP	48	50	UL	500
ARE-EDG-3M	IMD	AMP	72	50	UL	500
ARE-EDG-4M	IMD	AMP	144	50	UL	500

Ordering Information
Example: ARE-EDG-2M-DA-06-E-UL-BZ-700



QTY	LABEL	DESCRIPTION
20	C	CP5-15K-57K7-DF-UL-RC-XX-Q1



ADDITIONAL FIXTURE INFO

CPY500™ Series

LED Recessed Canopy, Car Wash, Hook & Cord or Pendant Mount Luminaire

Product Description
The CPY500™ Series LED luminaire features a large 11" x 11" glass optic that delivers the best in uniformity and performance. Diffuse optics minimize glare and increase visual comfort while delivering top-of-category TLP/LPF efficiency and high performance light distribution. Its sleek and low-profile form factor allows for easy access to the luminaire. Additional car wash, hook & cord and pendant mounts provide a consistent aesthetic for different applications with a sleek, modern look.

Applications: Petroleum campuses, CNG, loading stations, convenience stores, drive-thru banks and restaurants, retail and grocery.

Performance Summary
Assembled in the USA by Cree Lighting from US and imported parts
Initial Delivered Lumens: up to 20,000
Efficiency: up to 175 LPW
CBI: Minimum 70 CRI (400K, 50K, 57K, 80 CRI (2000K), 90 CRI (400K, 50K)
CCT: 3000K, 4000K, 5000K, 5700K
Limited Warranty: 10 years on luminaires/10 years on ColorStar Detachable® finish/Up to 5 years for Canopy® accessories/1 year on field installed accessories
IP66 optic/IP64 driver housing
Class 1, Division 2 Hazardous Location for select models



Lumen Package	Weight
20,000	12 lbs. (5.4kg)
25,000	15 lbs. (6.8kg)
30,000	18 lbs. (8.2kg)

Ordering Information
Example: CPY500-20-DA-06-E-UL-RC-XX-Q1



QTY	LABEL	DESCRIPTION
5	D	SFT-228-PS-RM-03-E-UL-XX-560-IC-57K



ADDITIONAL FIXTURE INFO

Z28 Series™

LED Soffit Luminaire - IC Rated

Product Description
The Z28 Series™ energy-efficient LED down light designed for use in new construction or remodel applications where there is direct contact with insulation. The recessed mount is for use in 6", 8", 9", 10", 11", 12", 13", 14", 15", 16", 17", 18", 19", 20", 21", 22", 23", 24", 25", 26", 27", 28", 29", 30", 31", 32", 33", 34", 35", 36", 37", 38", 39", 40", 41", 42", 43", 44", 45", 46", 47", 48", 49", 50", 51", 52", 53", 54", 55", 56", 57", 58", 59", 60", 61", 62", 63", 64", 65", 66", 67", 68", 69", 70", 71", 72", 73", 74", 75", 76", 77", 78", 79", 80", 81", 82", 83", 84", 85", 86", 87", 88", 89", 90", 91", 92", 93", 94", 95", 96", 97", 98", 99", 100", 101", 102", 103", 104", 105", 106", 107", 108", 109", 110", 111", 112", 113", 114", 115", 116", 117", 118", 119", 120", 121", 122", 123", 124", 125", 126", 127", 128", 129", 130", 131", 132", 133", 134", 135", 136", 137", 138", 139", 140", 141", 142", 143", 144", 145", 146", 147", 148", 149", 150", 151", 152", 153", 154", 155", 156", 157", 158", 159", 160", 161", 162", 163", 164", 165", 166", 167", 168", 169", 170", 171", 172", 173", 174", 175", 176", 177", 178", 179", 180", 181", 182", 183", 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