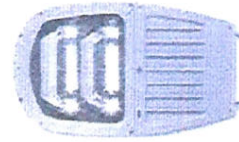


GE
(General Electric)

Ordering Number Logic
Scalable Specification Grade Cobrahead (ERS2)

LED Cobra
Head
Lights



ERS2

(SPEC'S)

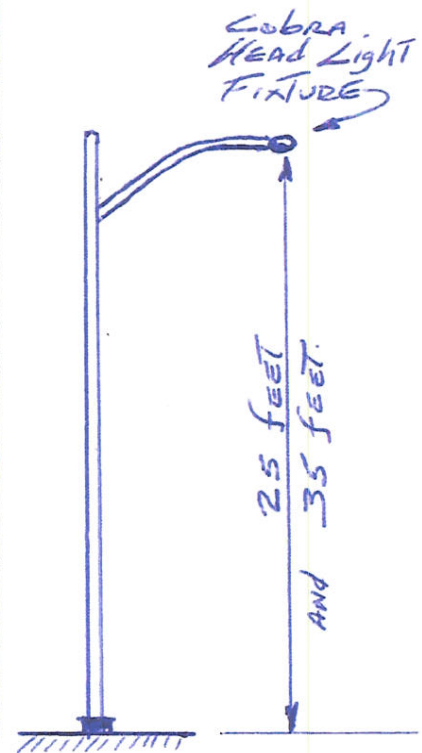
PROD. ID	VOLTAGE	OPTICAL CODE	PHOTOMETRIC TYPE	DRIVE CURRENT	LED COLOR TEMP	PE FUNCTION	COLOR	OPTIONS
E = Evolve	0 = 120-277	Product Tier	A1 = Extra Narrow Asymmetric	5 = 525mA	40 = 4000K	1 = None	BLCK = Black	B = Internal Bubble Level
R = Roadway	1 = 120	*3 = Specification Grade	B1 = Narrow Asymmetric (Medium)	7 = 700mA	50 = 5000K	2 = PE Rec	GRAY = Gray	D = Dimming*
S = Scalable	2 = 208	See Charts for all levels	C1 = Asymmetric (Short)	1 = 1050mA	NOTE: For 1050mA drive current, nominal color temperature (CCT) = 5300K	4 = PE Rec with Shorting Cap		F = Fusing
2 = Double Module Optical Assembly	3 = 240		D1 = Asymmetric Forward			5 = PE Rec with Control		G = External Bubble Level
	4 = 277		E1 = Asymmetric (Medium)			7 = GE Dimming 5-Pin PE Receptacle **		L = Tool-Less Entry
	H = 347-480					9 = GE Dimming 5-Pin PE Receptacle with Shorting Cap **		R = Additional Secondary Surge Protection Device
	D = 347							T = GE Energy Extreme Surge Protection per IEEE/ANSI C82.41.2-2002
	5 = 480							- Rating 1 - 10kV/5kA Location Category (120 events)
								- Rating 2 - 6kV/3kA Location Category C-Low (5000 events)
								XXX = Special Options
								* When ordering Dimming PE Receptacle 7, 9 or A, 2=Dimming driver must be selected under "OPTIONS" column
								NOTE: If no dimming receptacle under PE Function is selected and D=Dimming is selected under OPTIONS, 0-10v dimming leads will be provided with access through splitter opening in unit

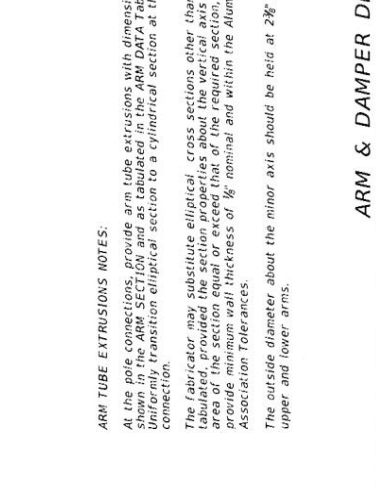
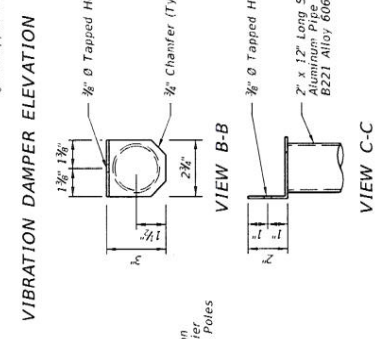
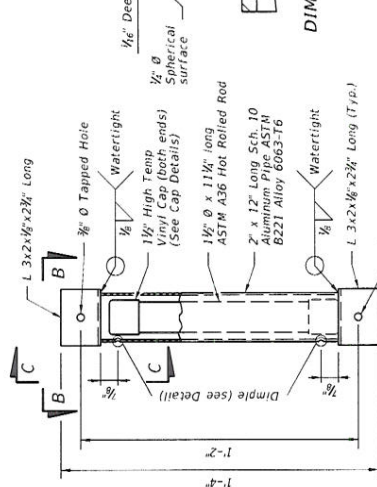
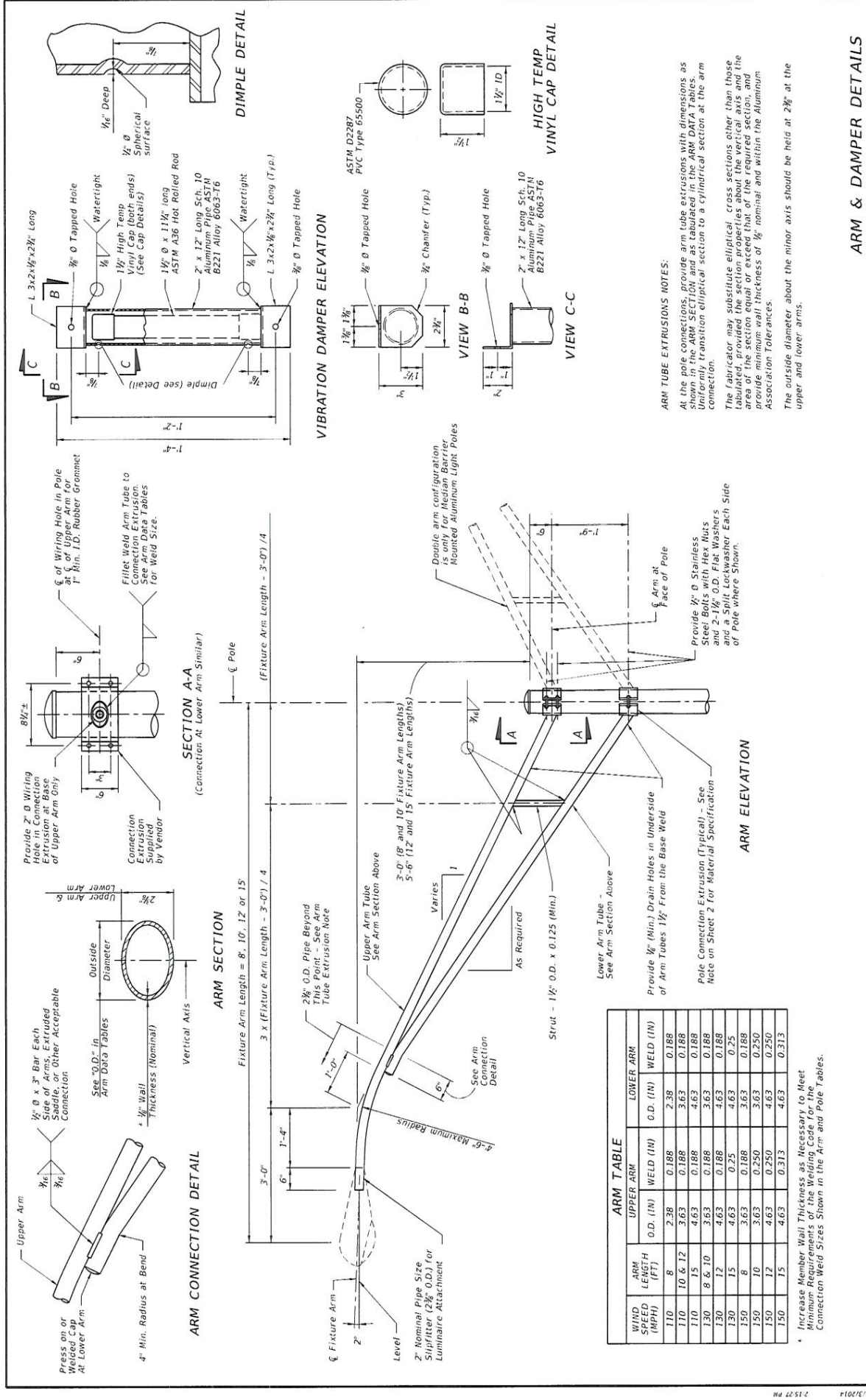
525 mA		PHOTO-METRIC TYPE	DRIVE CURRENT	TYPICAL SYSTEM WATTAGE			TYPICAL INITIAL LUMENS			TYPICAL INITIAL LPM		IES FILE NUMBERS	
PRODUCT ID	OPTICAL CODE			120-277V	4000K	5000K	B RATING	U RATING	G RATING	4000K	5000K	4000K	5000K
ERS2	D3	A1	525mA	88	8000	8000	2	0	2	91	91	456404	456429
ERS2	E3		525mA	99	9100	9100	3	0	2	92	92	456405	456430
ERS2	F3		525mA	112	10300	10300	3	0	2	92	92	456406	456431
ERS2	G3		525mA	125	11500	11500	3	0	2	92	92	456407	456432
ERS2	H3		525mA	138	12700	12700	3	0	3	92	92	456408	456433
ERS2	D3	B1	525mA	88	8200	8200	2	0	1	93	93	456409	456434
ERS2	E3		525mA	99	9300	9300	2	0	1	94	94	456410	456435
ERS2	F3		525mA	112	10600	10600	3	0	2	95	95	456411	456436
ERS2	G3		525mA	125	11800	11800	3	0	2	94	94	456412	456437
ERS2	H3		525mA	138	13000	13000	3	0	2	94	94	456413	456438
ERS2	D3	C1	525mA	88	8200	8200	2	0	1	93	93	456414	456439
ERS2	E3		525mA	99	9300	9300	2	0	1	94	94	456415	456440
ERS2	F3		525mA	112	10600	10600	3	0	1	95	95	456416	456441
ERS2	G3		525mA	125	11800	11800	3	0	2	94	94	456417	456442
ERS2	H3		525mA	138	13000	13000	3	0	2	94	94	456418	456443
ERS2	D3	D1	525mA	88	8000	8000	2	0	1	91	91	456419	456444
ERS2	E3		525mA	99	9100	9100	2	0	2	92	92	456420	456445
ERS2	F3		525mA	112	10300	10300	2	0	2	92	92	456421	456446
ERS2	G3		525mA	125	11500	11500	2	0	2	92	92	456422	456447
ERS2	H3		525mA	138	12700	12700	3	0	2	92	92	456423	456448
ERS2	D3	E1	525mA	88	8200	8200	2	0	3	93	93	456424	456449
ERS2	E3		525mA	99	9300	9300	2	0	2	94	94	456425	456450
ERS2	F3		525mA	112	10600	10600	3	0	2	95	95	456426	456451
ERS2	G3		525mA	125	11800	11800	3	0	2	94	94	456427	456452
ERS2	H3		525mA	138	13000	13000	3	0	2	94	94	456428	456453

- NOTES:
- Max Operating Ambient 50° C
 - 347-480V Not Available
 - For T Option Availability Contact Manufacturer

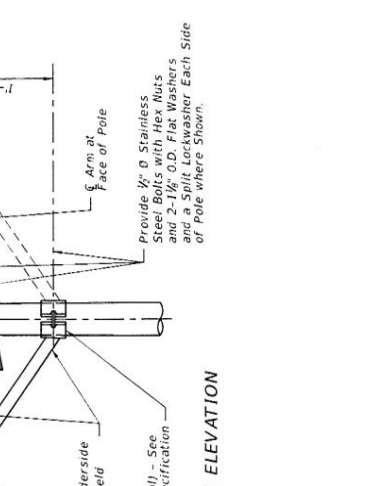
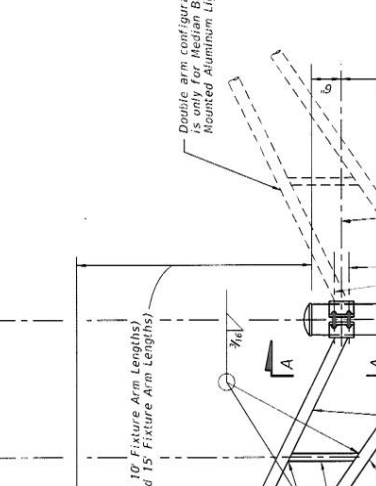
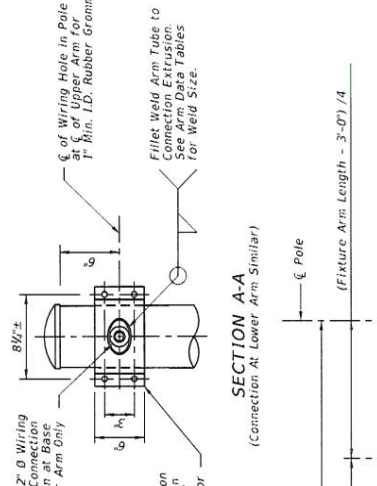
Lumen Maintenance

- Projected L92 (10K) ≥ 50,000 at Ta 25C
 - Projected L70 (10K) > 100,000 at Ta 25C
- Based on 10,000h LM-80 data for Nichia 219B SQETMLH17005





ARM TUBE EXTRUSIONS NOTES:
 At the pole connections, provide arm tube extrusions with dimensions as shown in the ARM SECTION and as tabulated in the ARM DATA Tables. Uniformly transition elliptical section to a cylindrical section at the arm connection.
 The fabricator may substitute elliptical cross sections other than those tabulated, provided the section properties about the vertical axis and the area of the section equal or exceed that of the required section, and provide minimum wall thickness of 1/8 nominal and within the Aluminum Association Tolerances.
 The outside diameter about the minor axis should be held at 2/8 at the upper and lower arms.



WIND SPEED (MPH)	UPPER ARM		LOWER ARM	
	ARM LENGTH (FT)	O.D. (IN)	WELD (IN)	O.D. (IN)
110	8	2.38	0.188	2.38
110	10 & 12	3.63	0.188	3.63
110	15	4.63	0.188	4.63
130	8 & 10	3.63	0.188	3.63
130	12	4.63	0.188	4.63
150	8	3.63	0.25	3.63
150	10	3.63	0.25	3.63
150	12	4.63	0.25	4.63
150	15	4.63	0.313	4.63

* Increase Member Wall Thickness as Necessary to Meet Minimum Requirements for Connection Weid Sizes Shown in the Arm and Pole Tables.