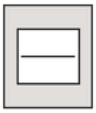
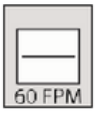
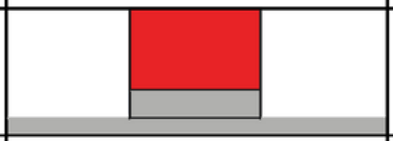
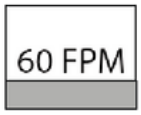
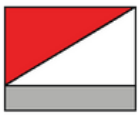
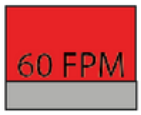
Type	Symbol	Description
L-810 **L-810 F**		Steady-Burning or Flashing (30 FPM) - RED Single Obstruction Light
L-810 **L-810 F**		Steady-Burning or Flashing (30 FPM) – RED Double Obstruction Light
L-856		High-Intensity Flashing – WHITE Obstruction Light (40 FPM)
L-857		High-Intensity Flashing – WHITE Catenary Light (60 FPM)
L-864		Medium-Intensity Flashing – RED Obstruction Light (20-40 FPM)(30 FPM when used with L-810 F)
L-865		Medium-Intensity Flashing – WHITE Obstruction Light (40-FPM)
L-866		Medium-Intensity Flashing - WHITE Catenary Light (60-FPM)
L-864/L-865		Medium-Intensity Flashing Dual – RED / WHITE Obstruction Light (20-40 FPM) Obstruction Light (40 FPM)
L-885		Flashing Obstruction Light - RED Obstruction Light (60 FPM)

FPM = Flashes Per Minute

Table A-1. FAA-Approved Obstruction Lighting Fixtures

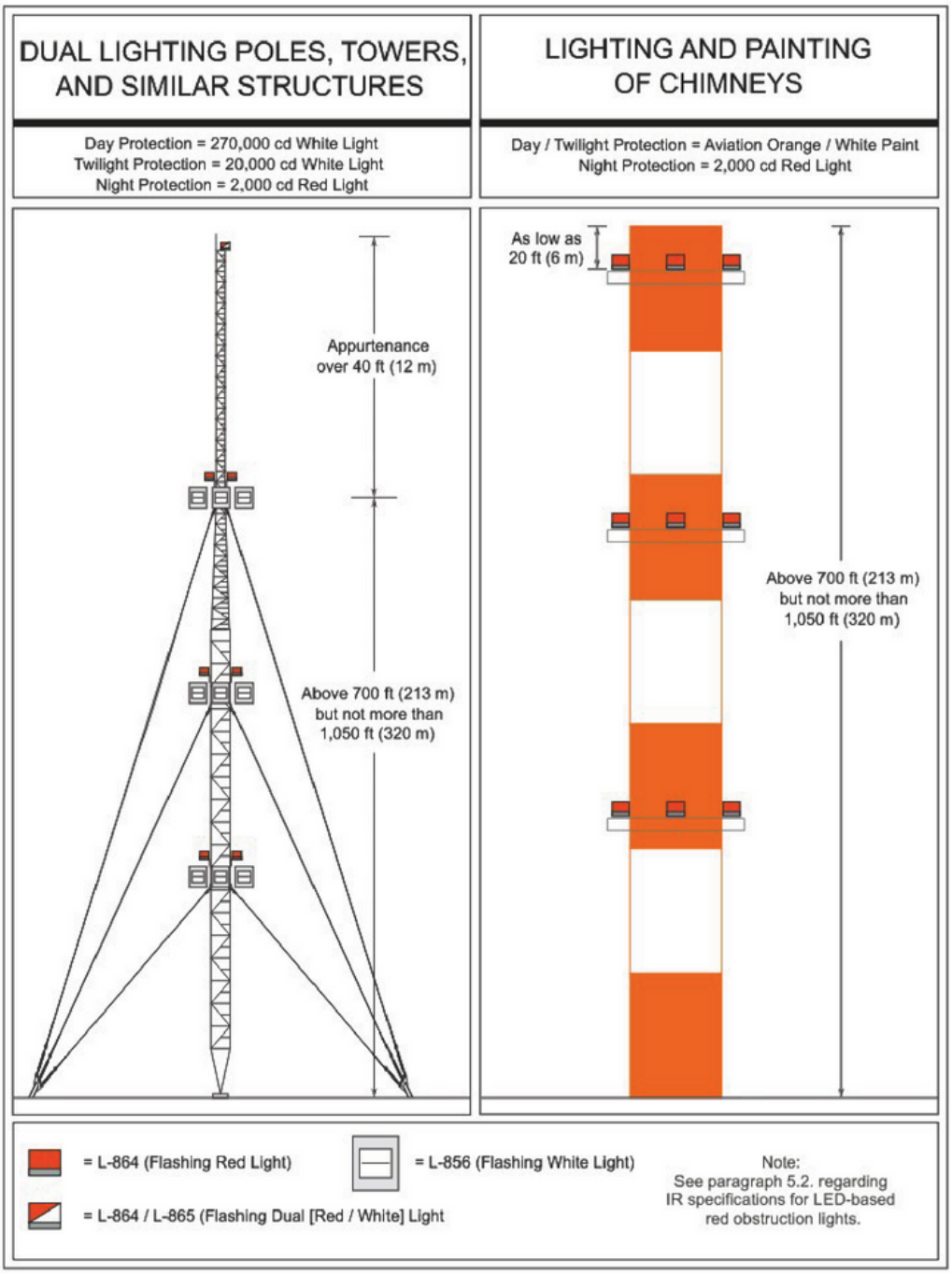


Figure A-7. Dual Lighting of Poles, Towers, and Similar Structures/Lighting and Painting of Chimneys

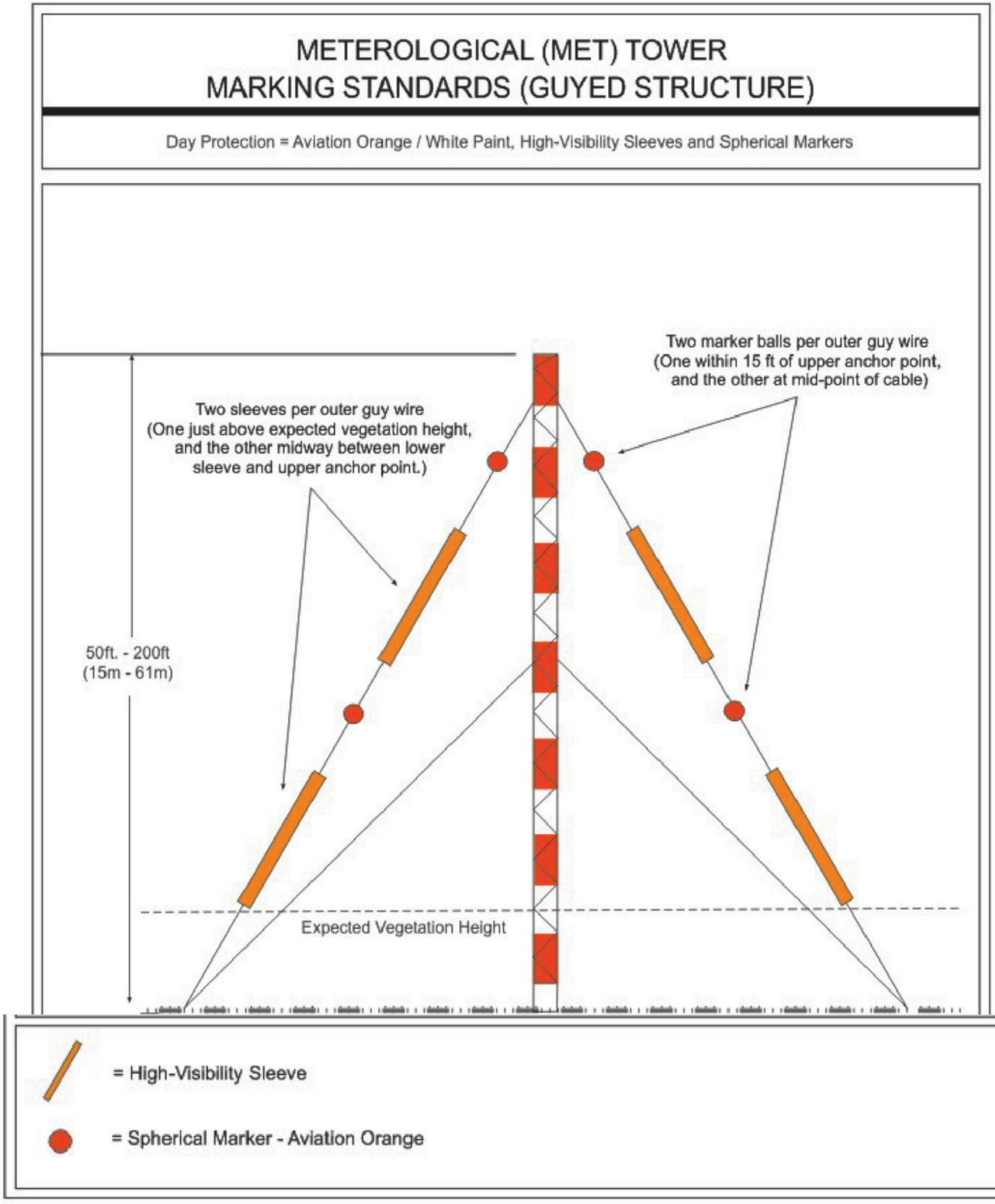


Figure A-2. Meteorological Evaluation Tower (MET) Marking Standards (Guyed Structure)

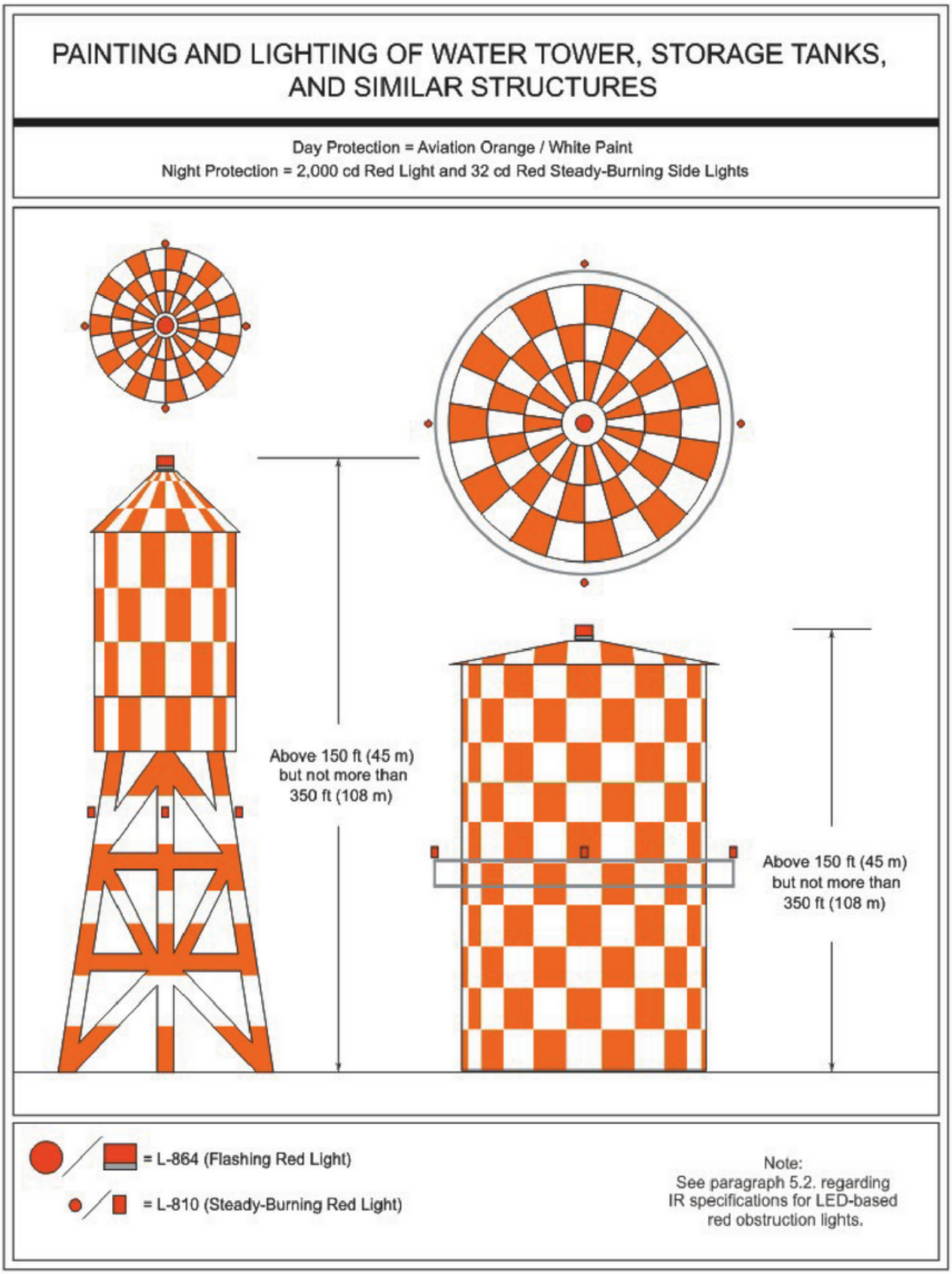


Figure A-3. Painting and Lighting of Water Towers, Storage Tanks, and Similar Structures

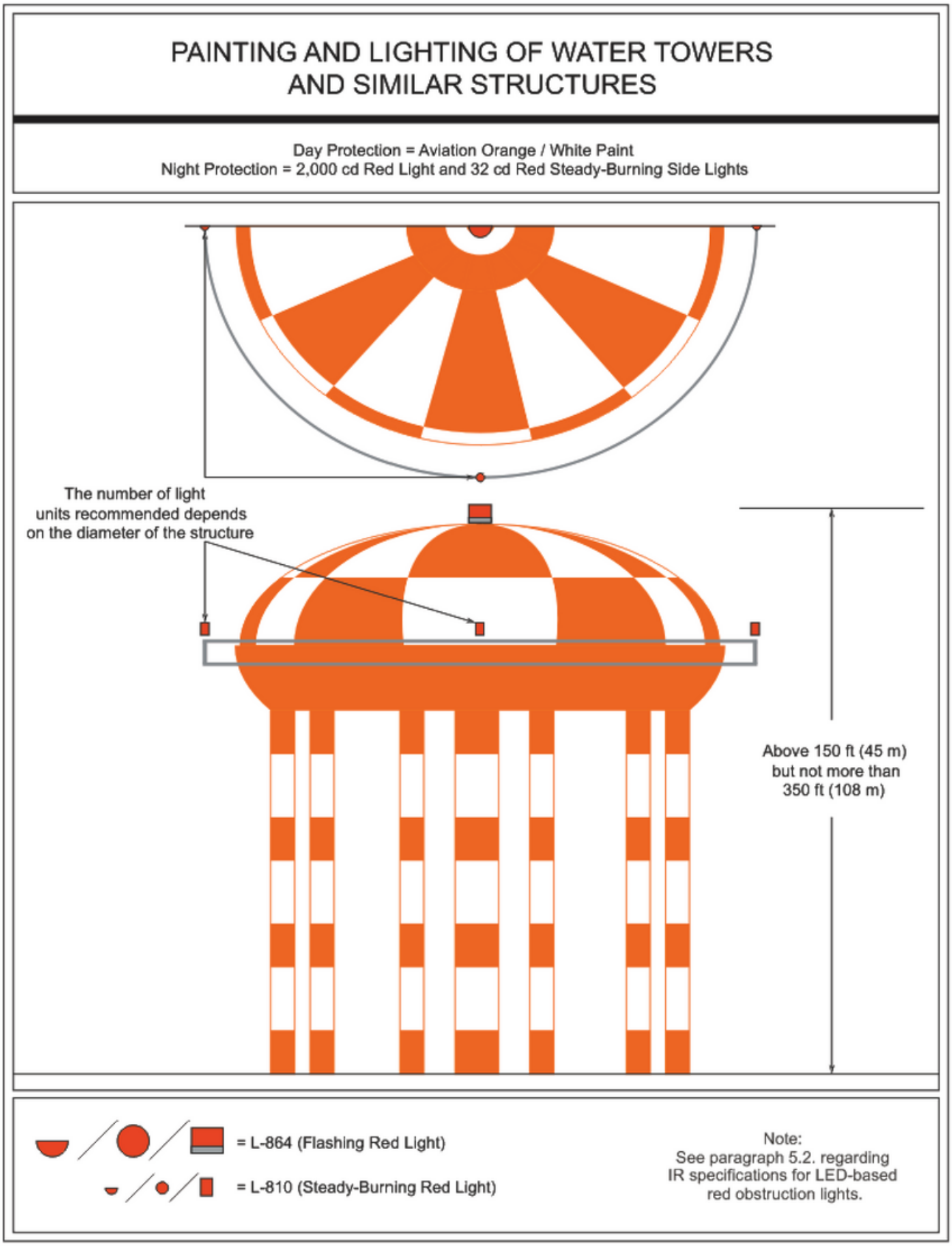


Figure A-4. Painting and Lighting of Water Towers and Similar Structures

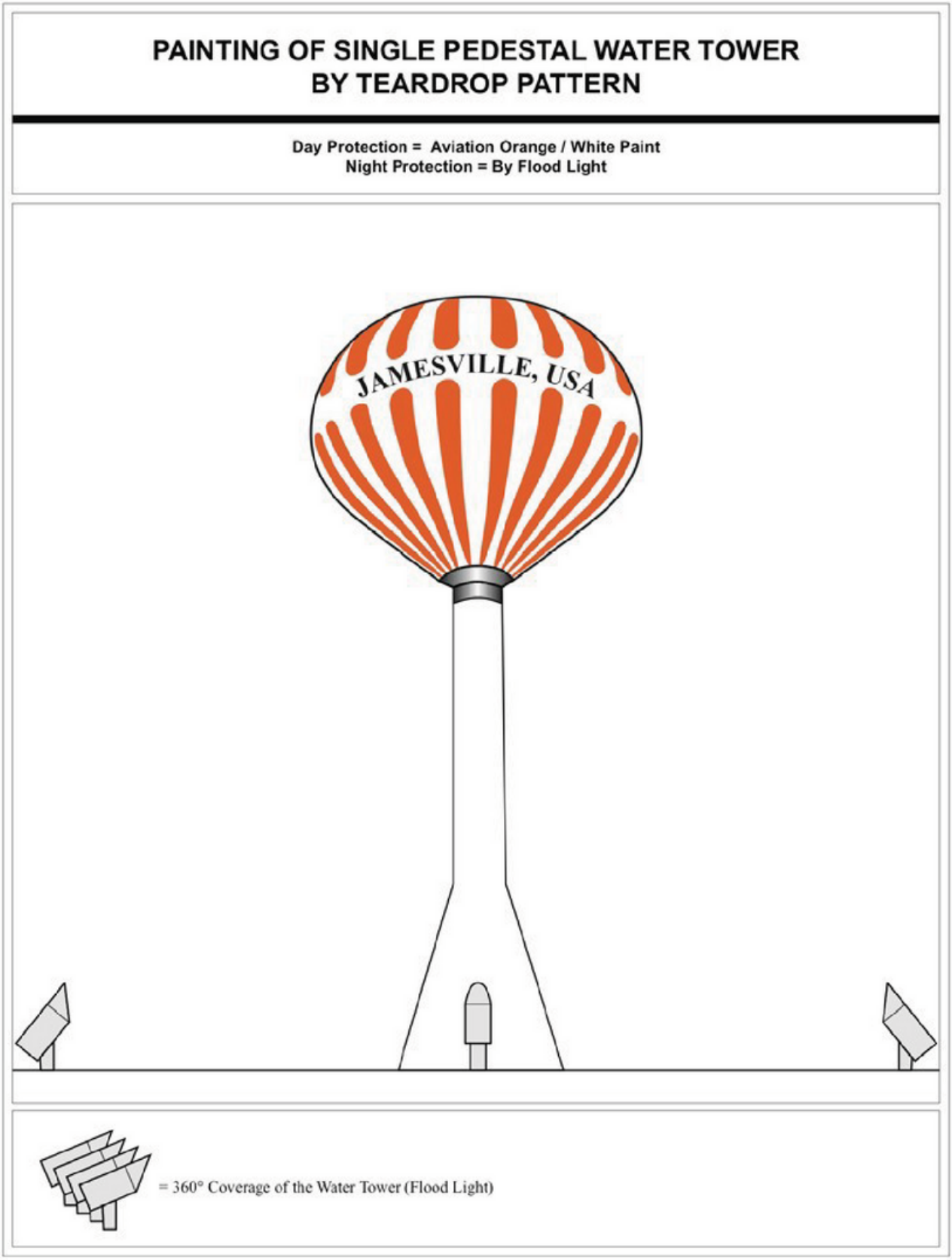


Figure A-5. Painting a Single Pedestal Water Tower Using the Teardrop Pattern

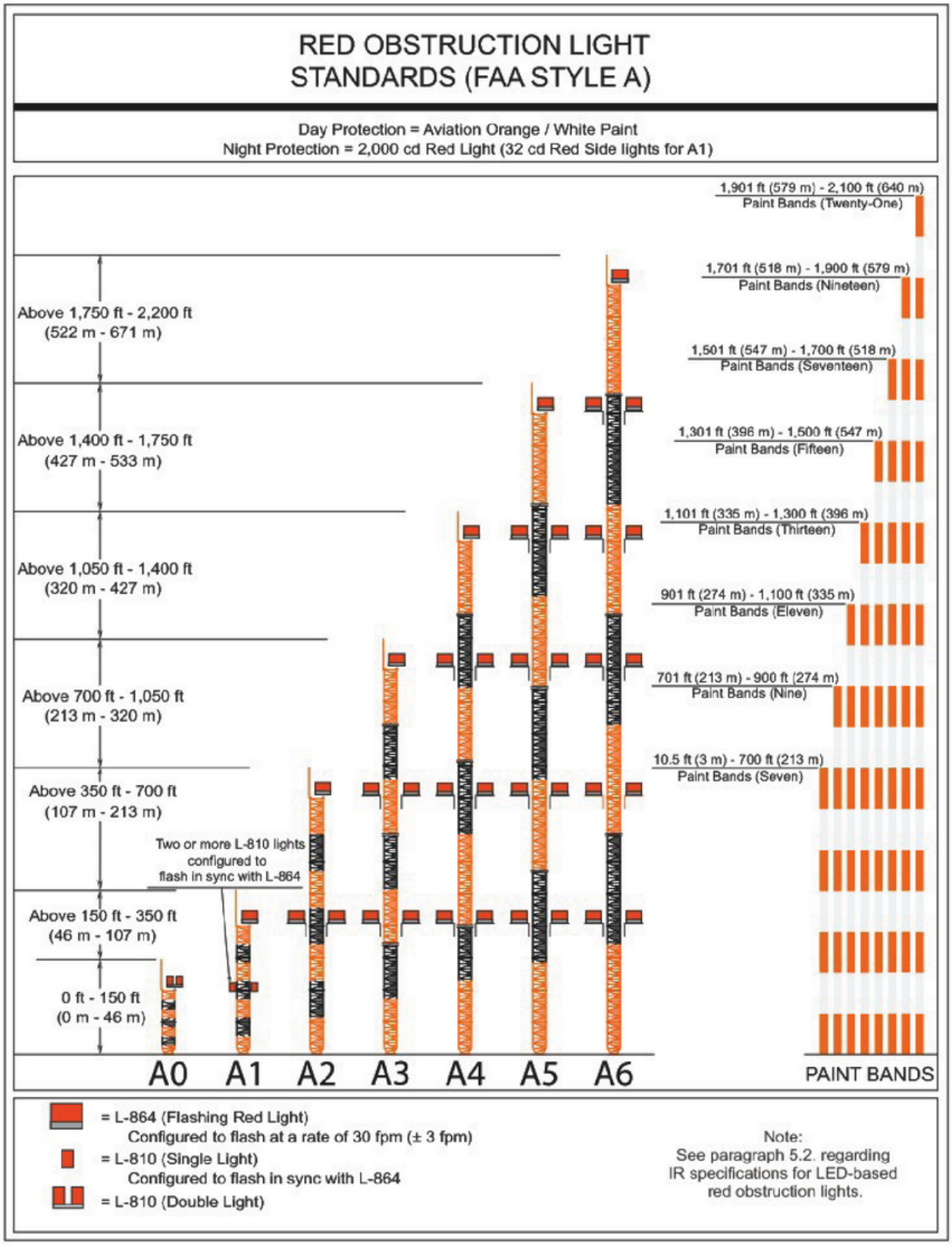


Figure A-6. Red Obstruction Light Standards (FAA Style A)

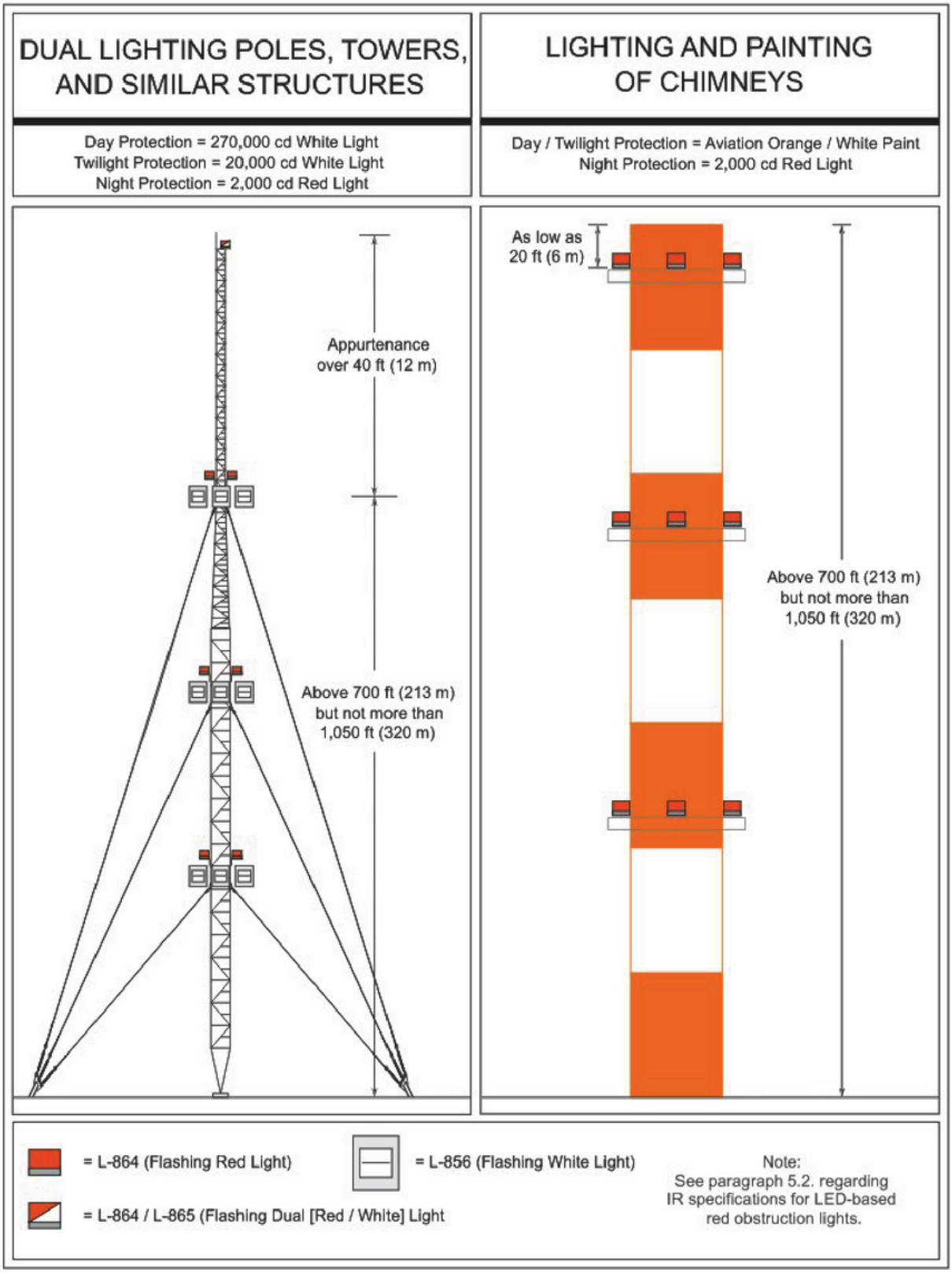


Figure A-7. Dual Lighting of Poles, Towers, and Similar Structures/Lighting and Painting of Chimneys

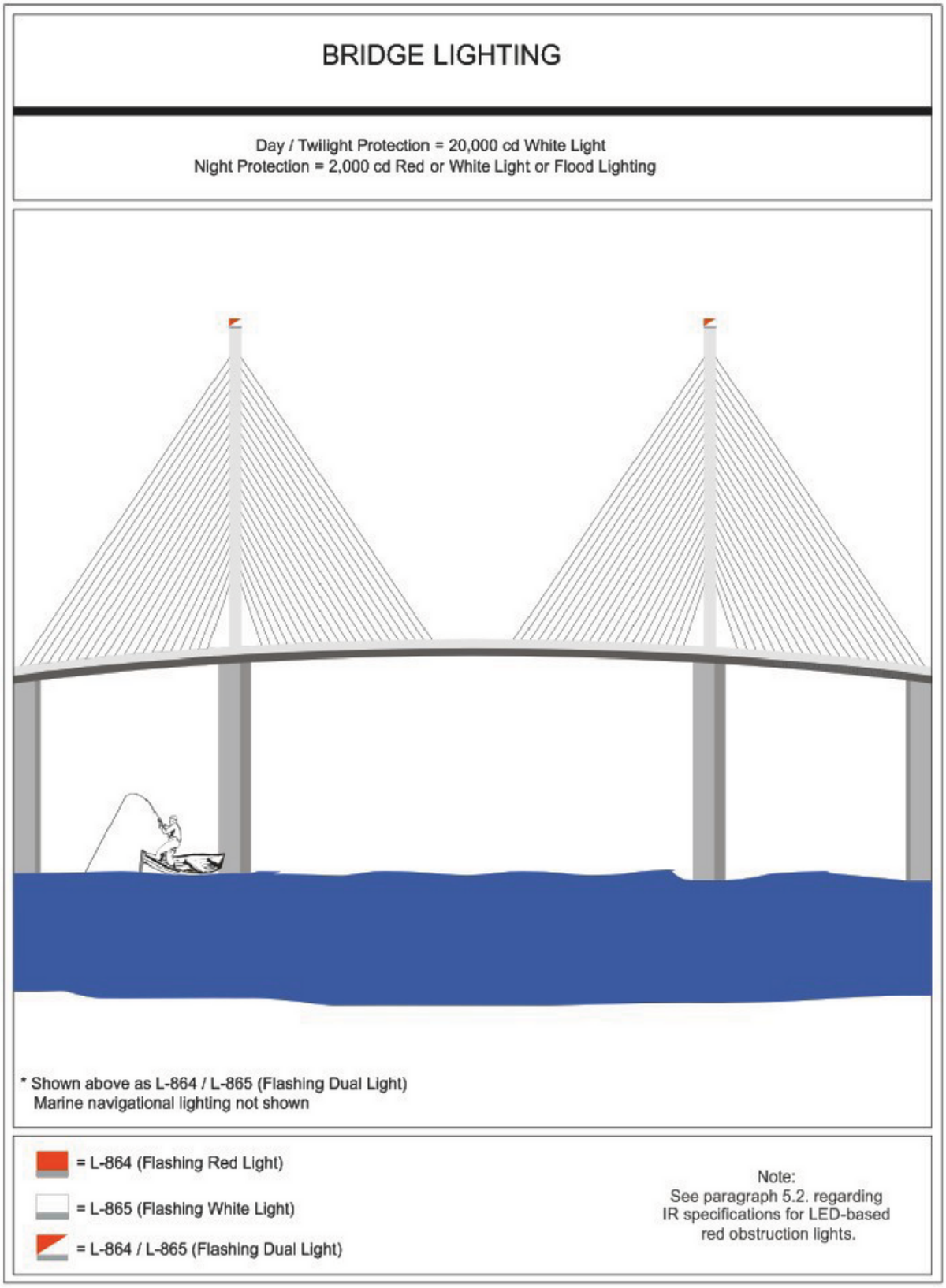


Figure A-8. Bridge Lighting

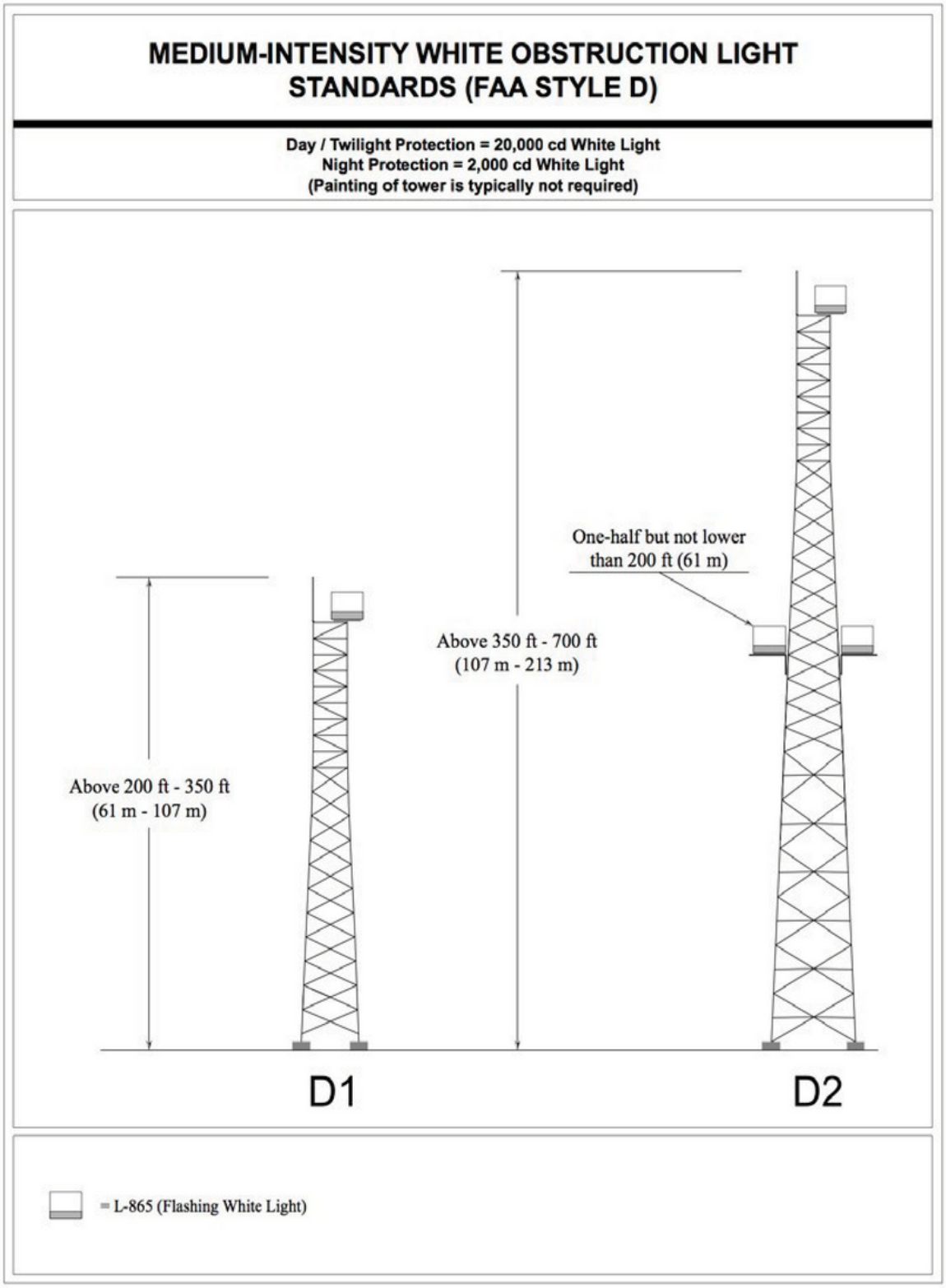


Figure A-9. Medium-Intensity White Obstruction Light Standards (FAA Style D)

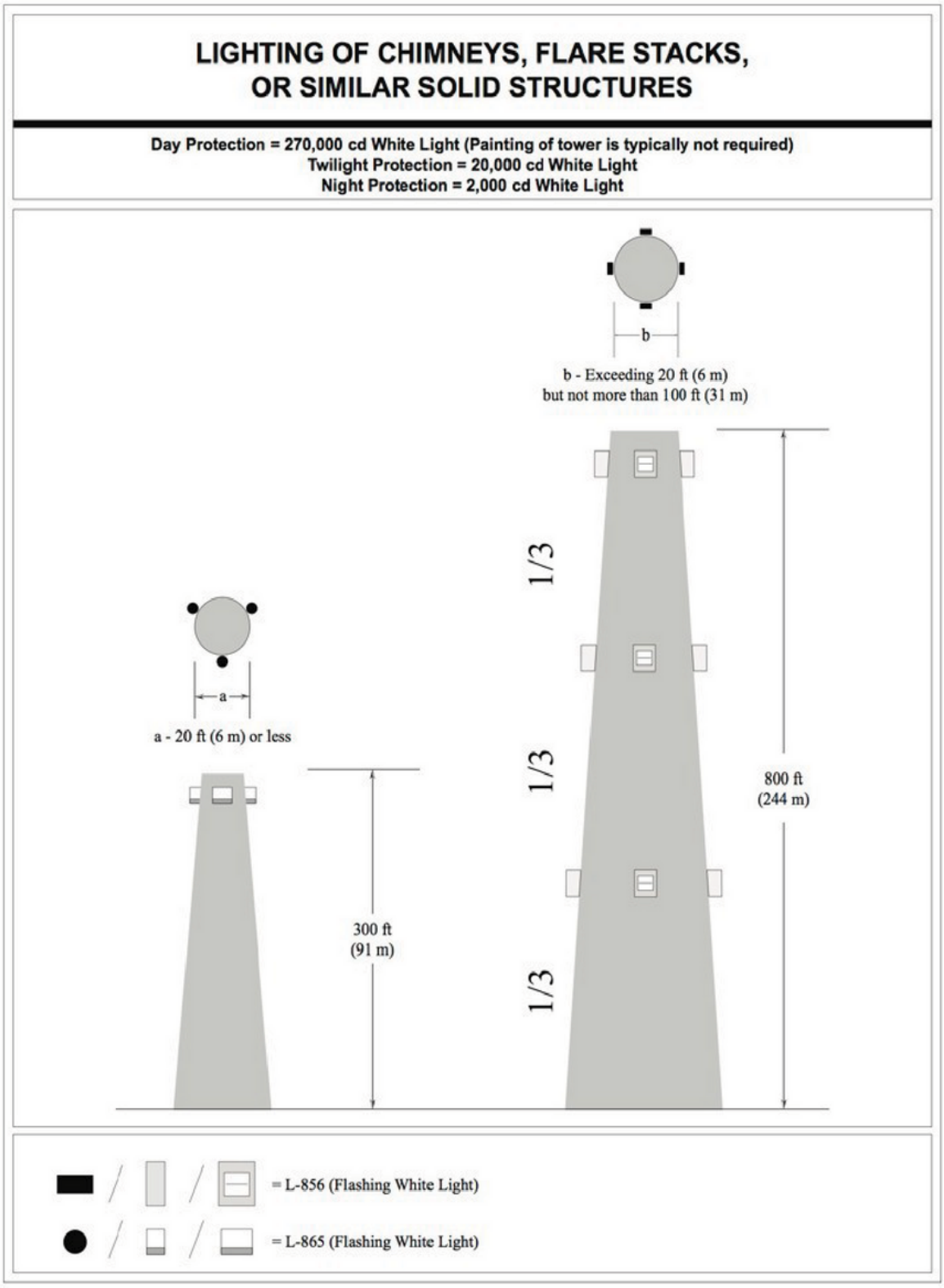


Figure A-10. Lighting of Chimneys, Flare Stacks, or Similar Solid Structures

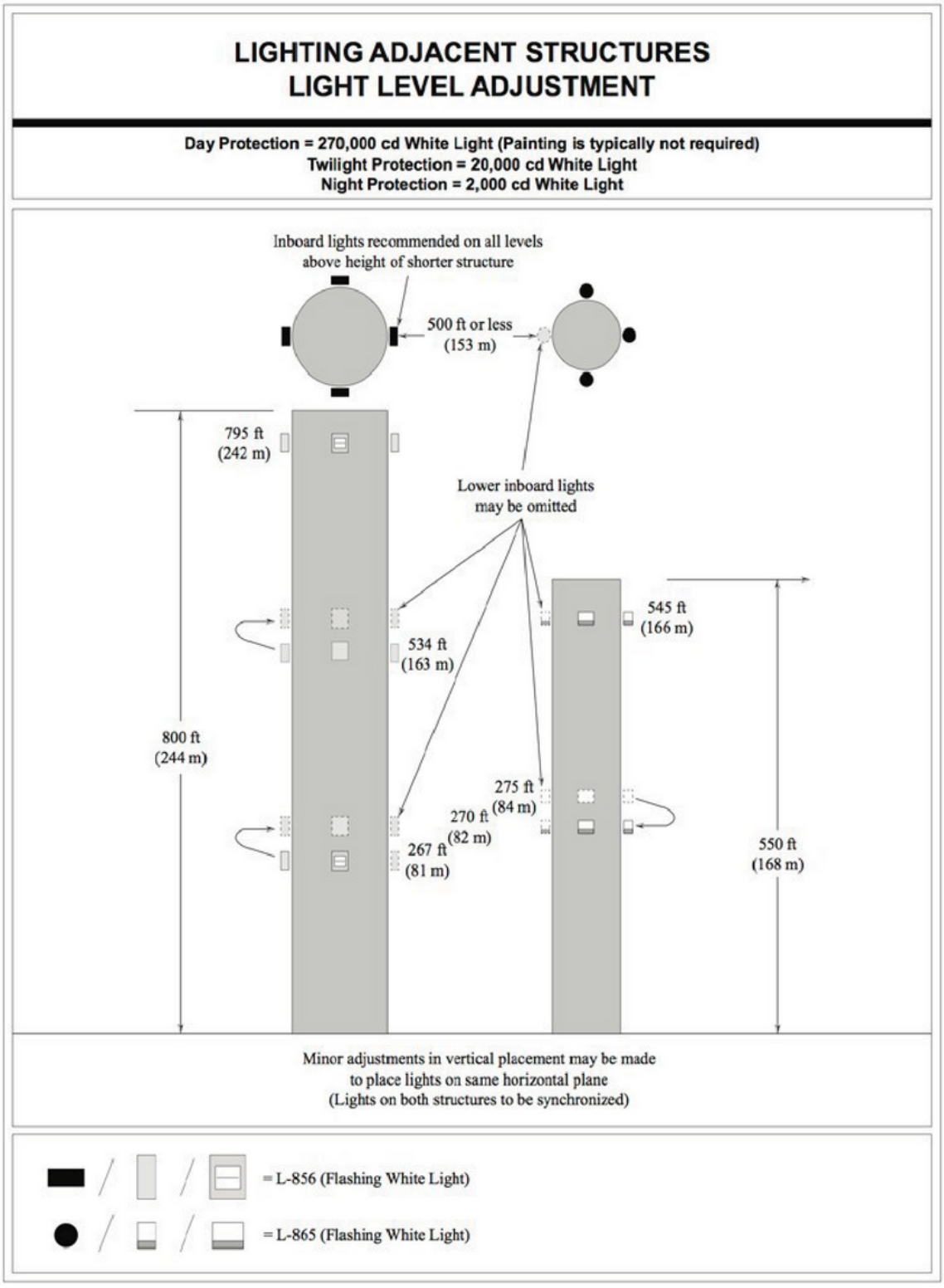


Figure A-11. Lighting Adjacent Structures—Light Level Adjustment

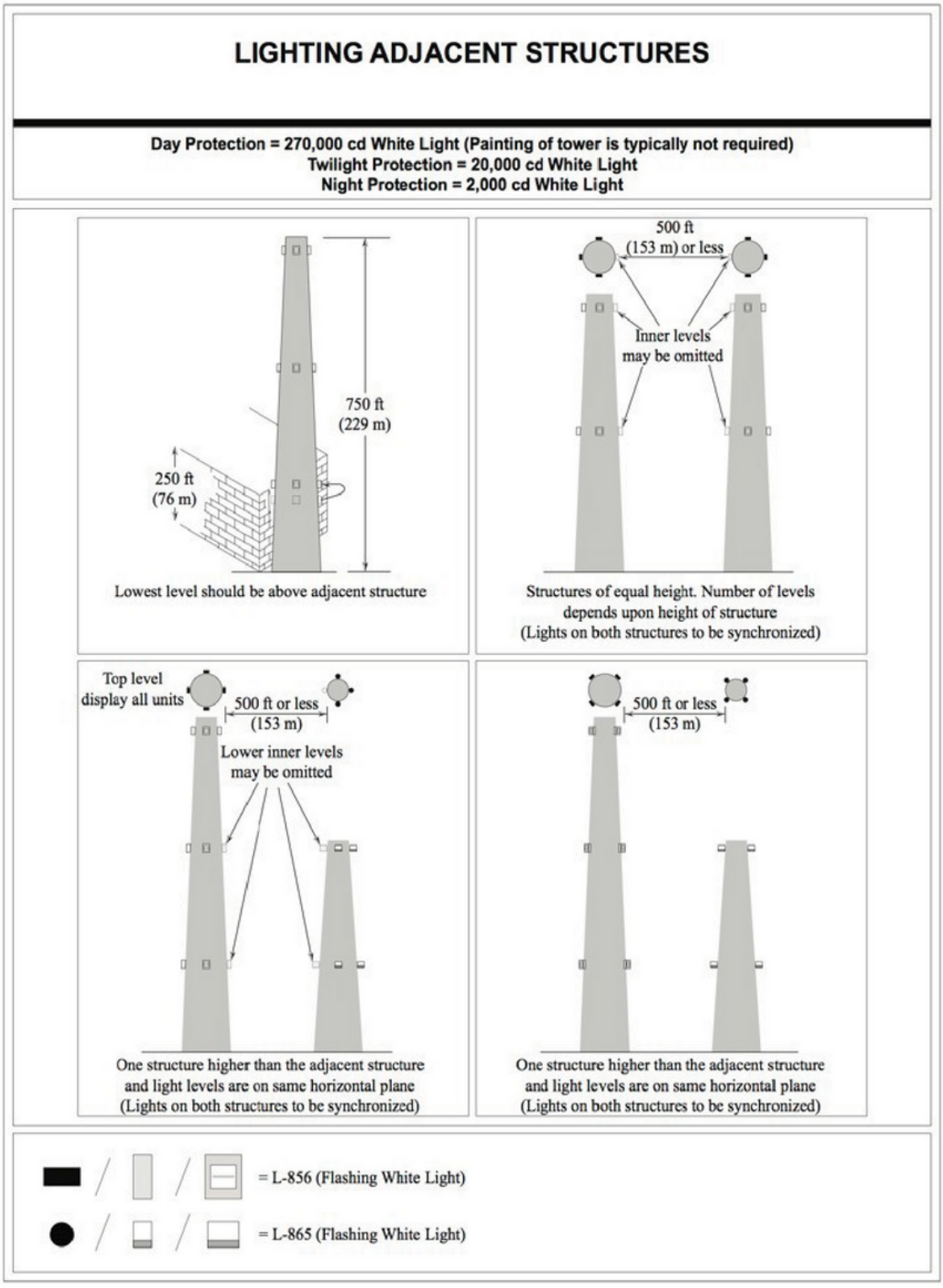


Figure A-12. Lighting Adjacent Structures

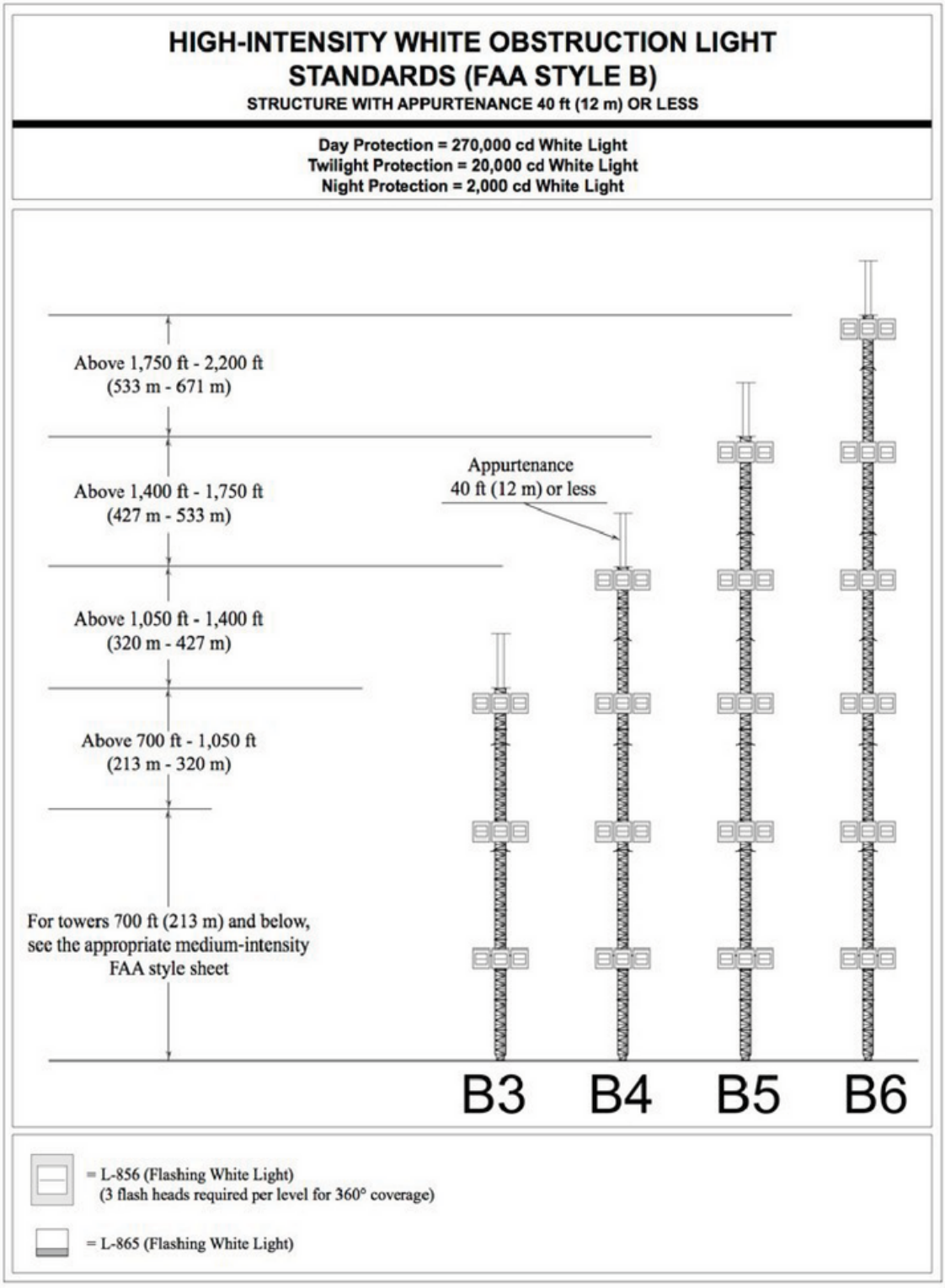


Figure A-13. High-Intensity White Obstruction Light Standards (FAA Style B)—With Appurtenance 40 Feet or Less

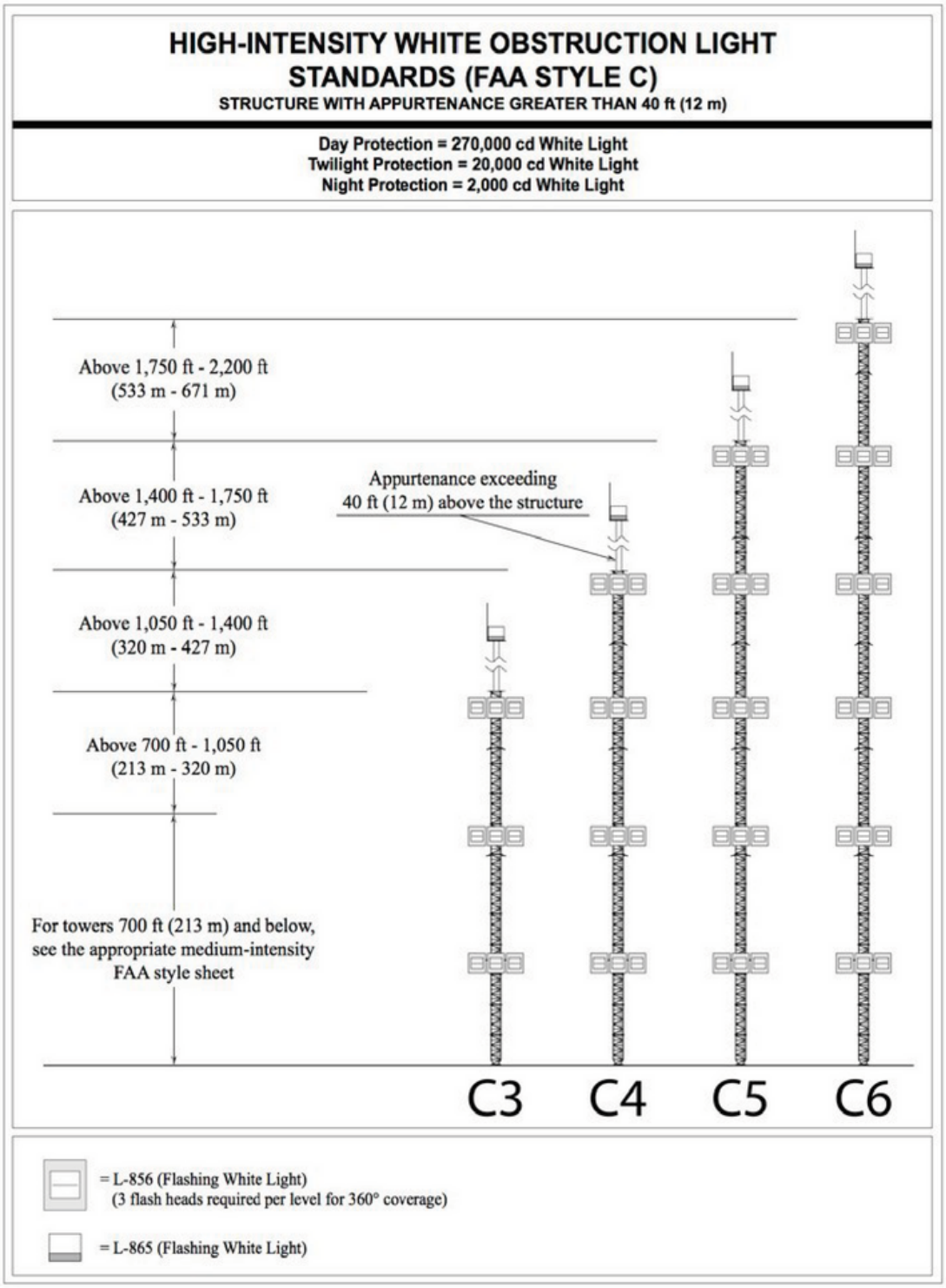


Figure A-14. High-Intensity White Obstruction Light Standards (FAA Style C)—With Appurtenance Over 40 Feet High

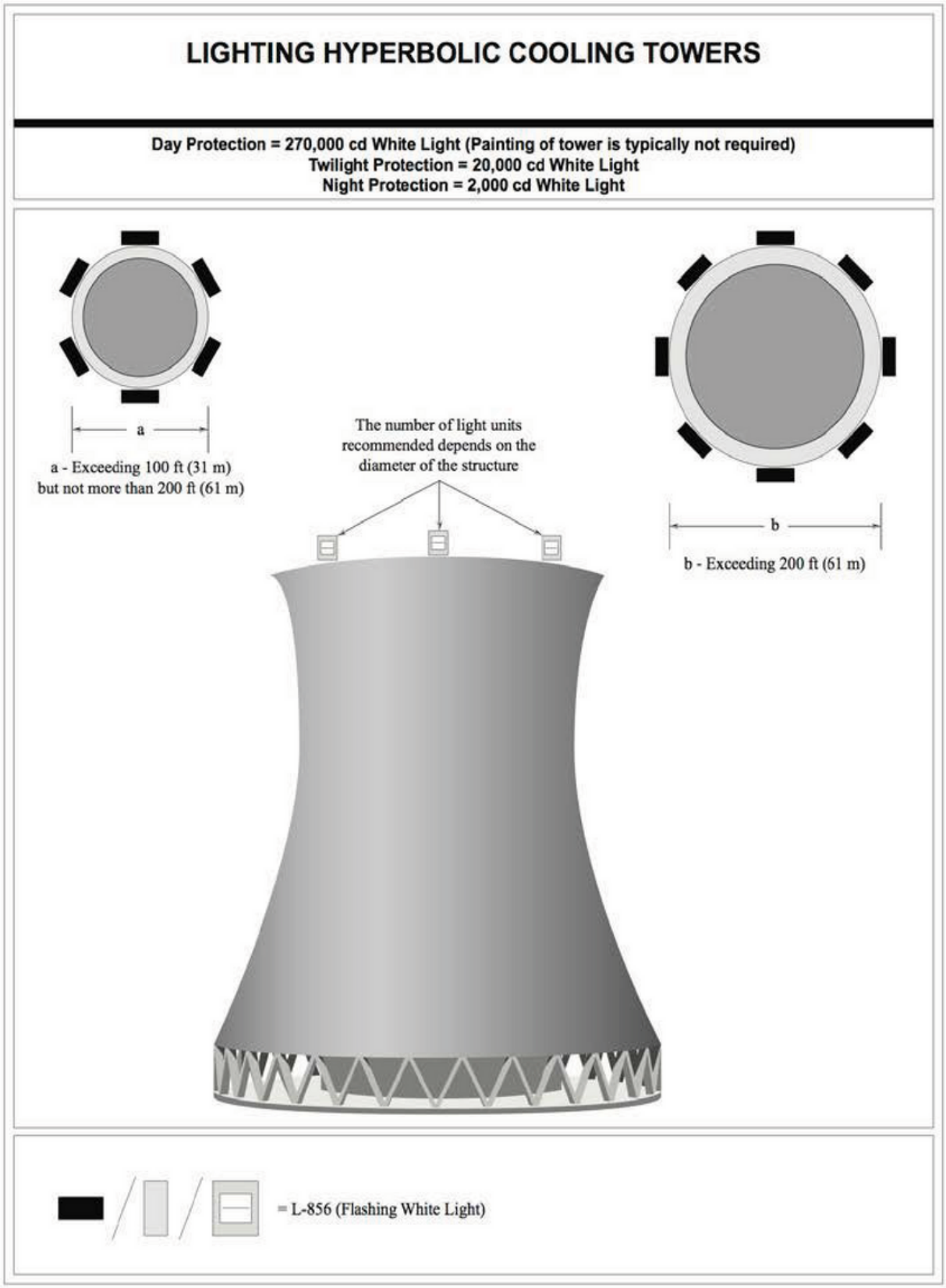


Figure A-15. Lighting Hyperbolic Cooling Tower

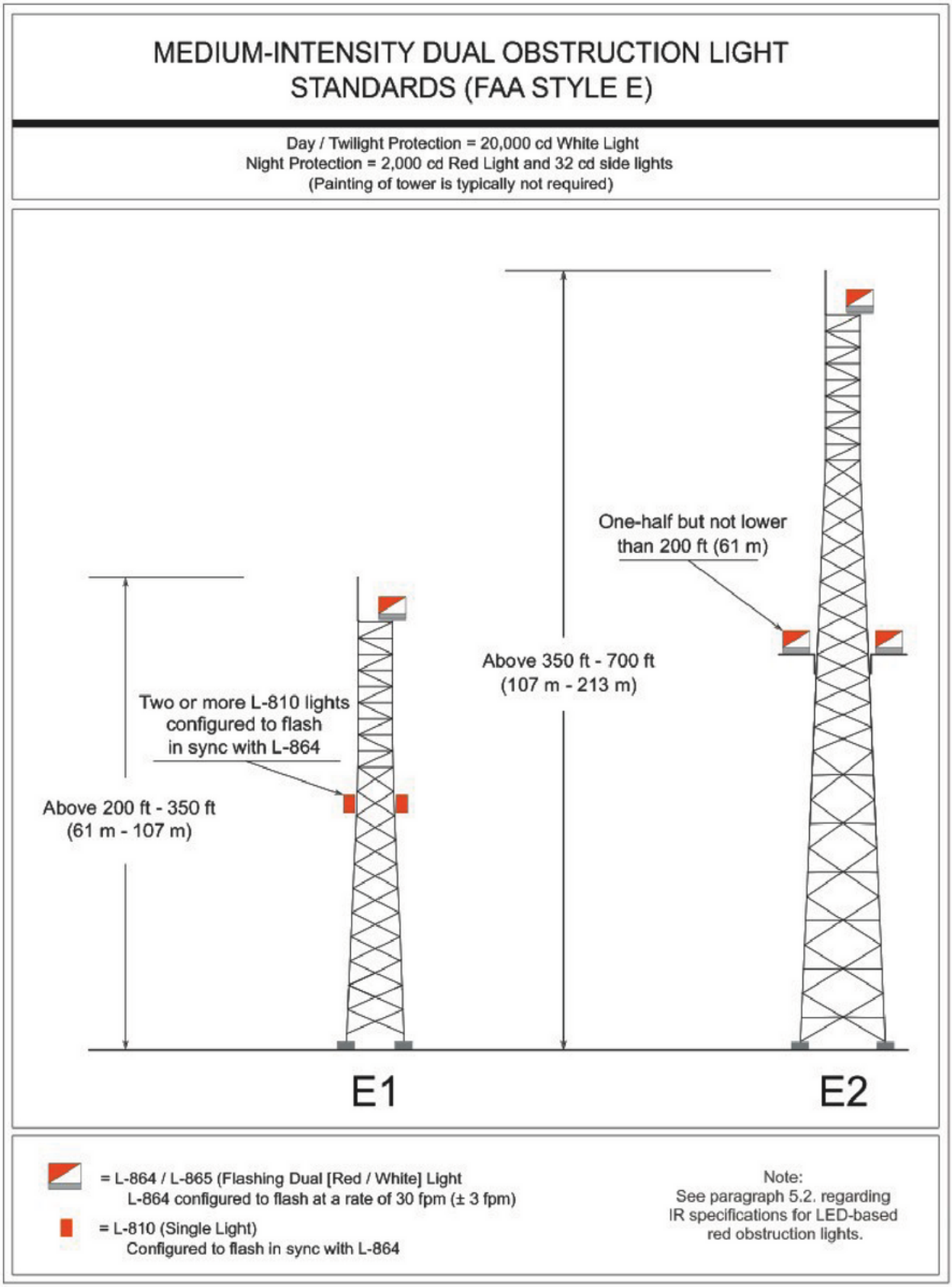


Figure A-16. Medium-Intensity Dual Obstruction Light Standards (FAA Style E)

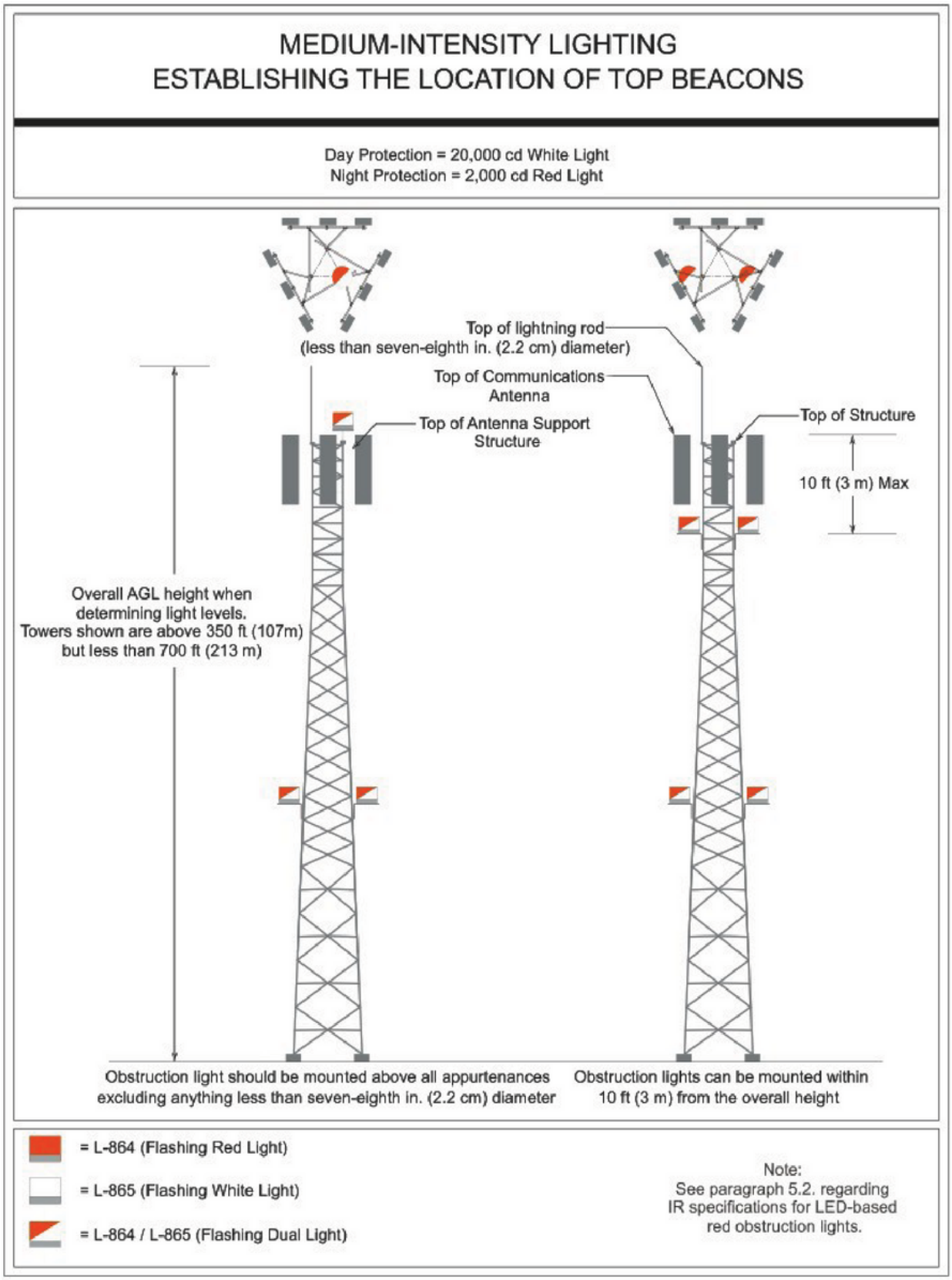


Figure A-17. Medium-Intensity Lighting—Establishing the Location of Top Beacons

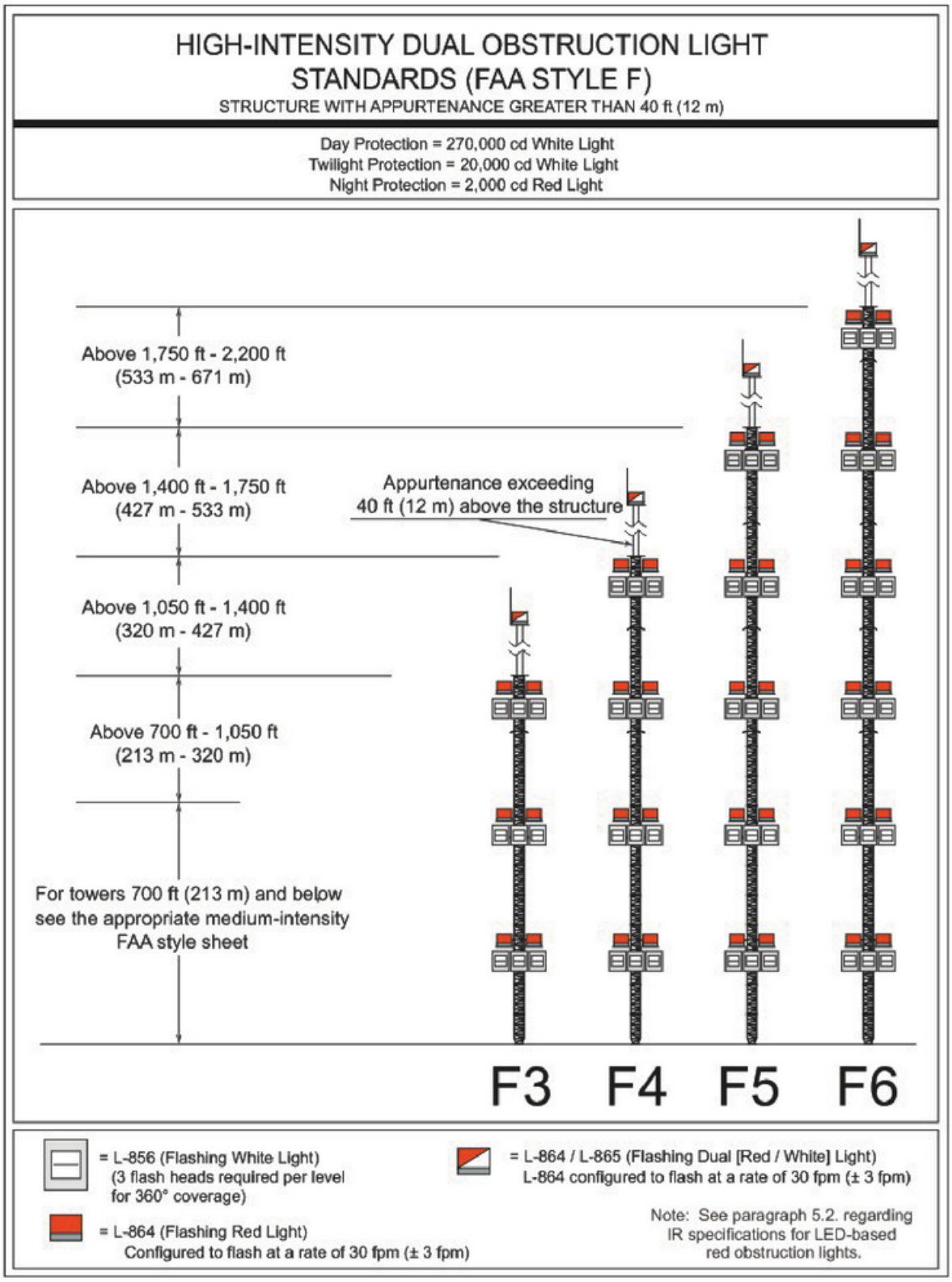


Figure A-18. High-Intensity Dual Obstruction Light Standards (FAA Style F)—With Appurtenance Over 40 Feet High

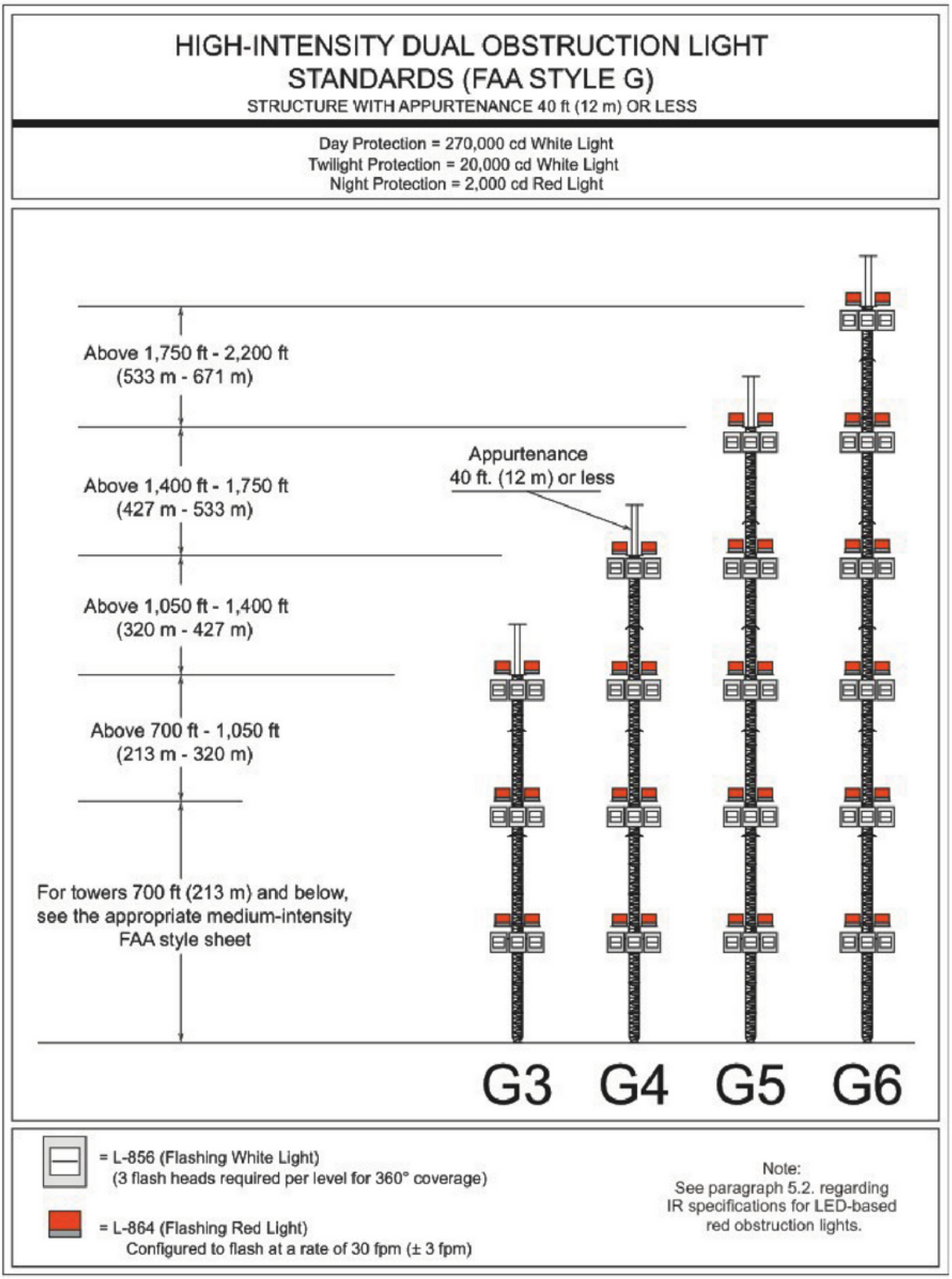
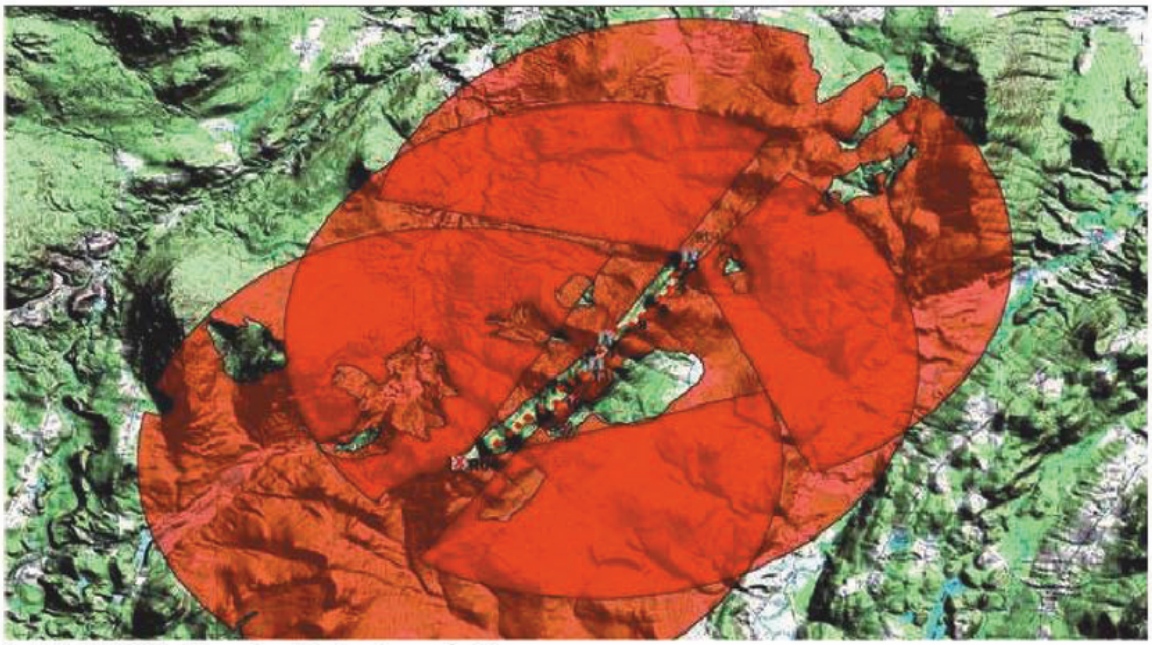


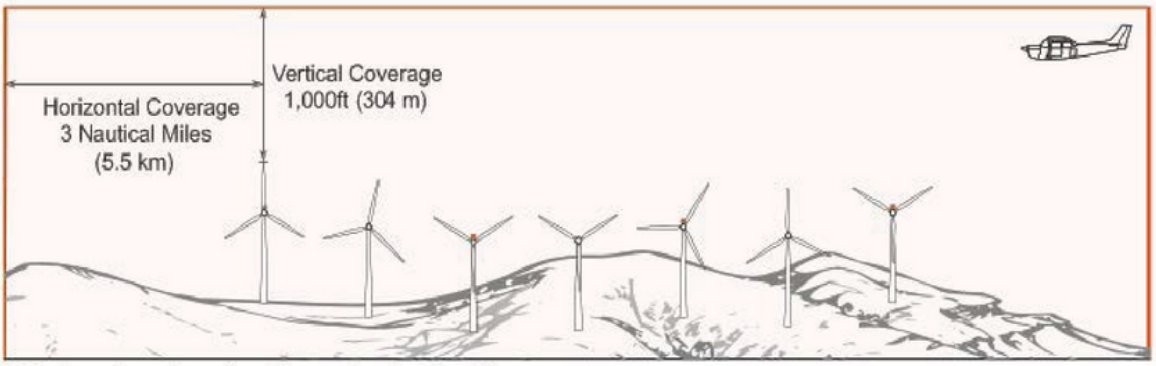
Figure A-19. High-Intensity Dual Obstruction Light Standards (FAA Style G)—With Appurtenance 40 Feet or Less

AIRCRAFT DETECTION LIGHTING SYSTEM

(ADLS) SAMPLE WIND FARM COVERAGE MAP



* Multiple ADLS units required for the above wind farm



* System above shown in active mode with aircraft in coverage area

= L-864 (Flashing Red Light)

Note:
See paragraph 5.2. regarding IR specifications for LED-based red obstruction lights.

Figure A-20. Aircraft Detection Lighting System (sample coverage map)

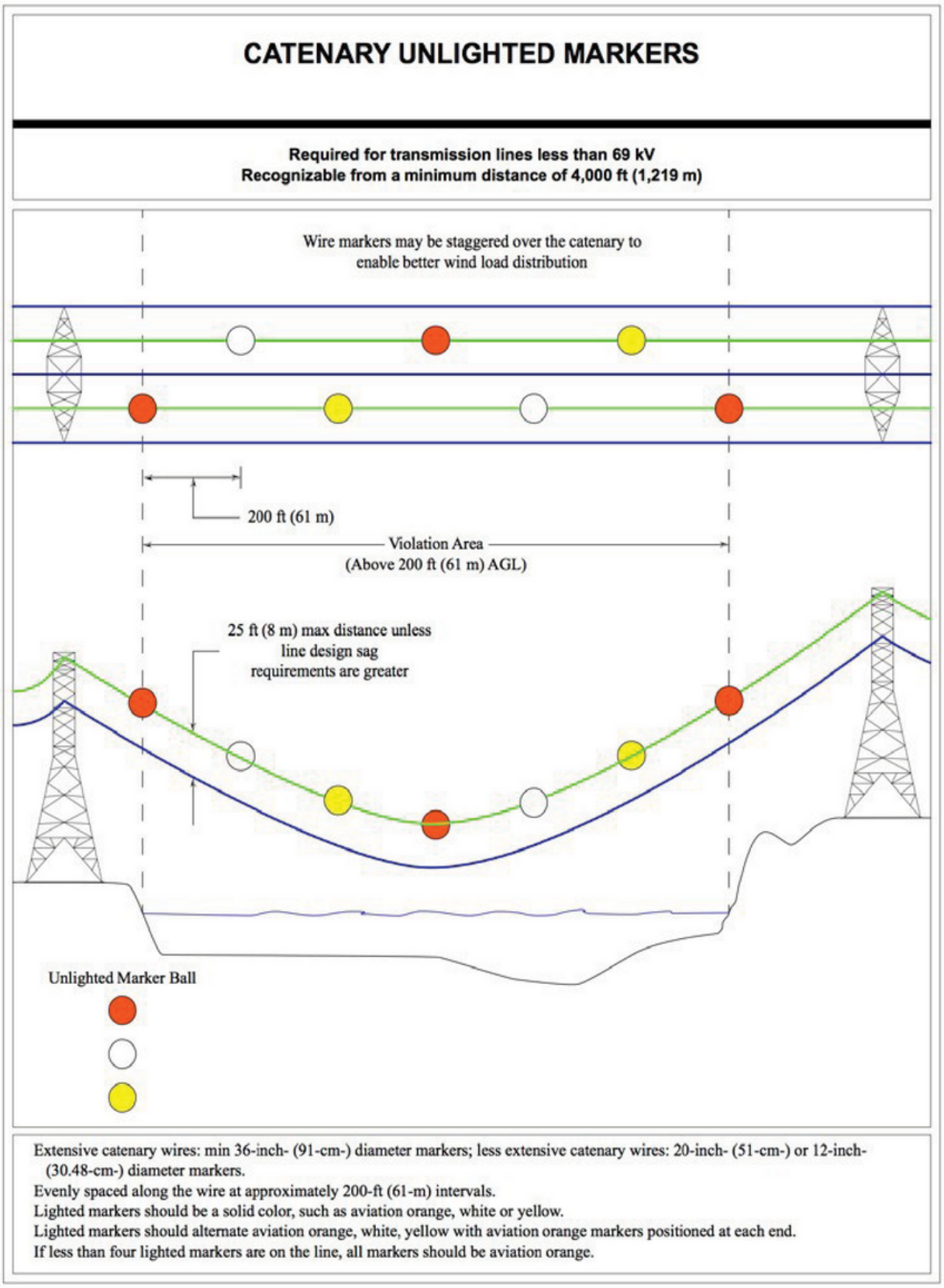


Figure A-21. Catenary Unlighted Markers (less than 69 kV)

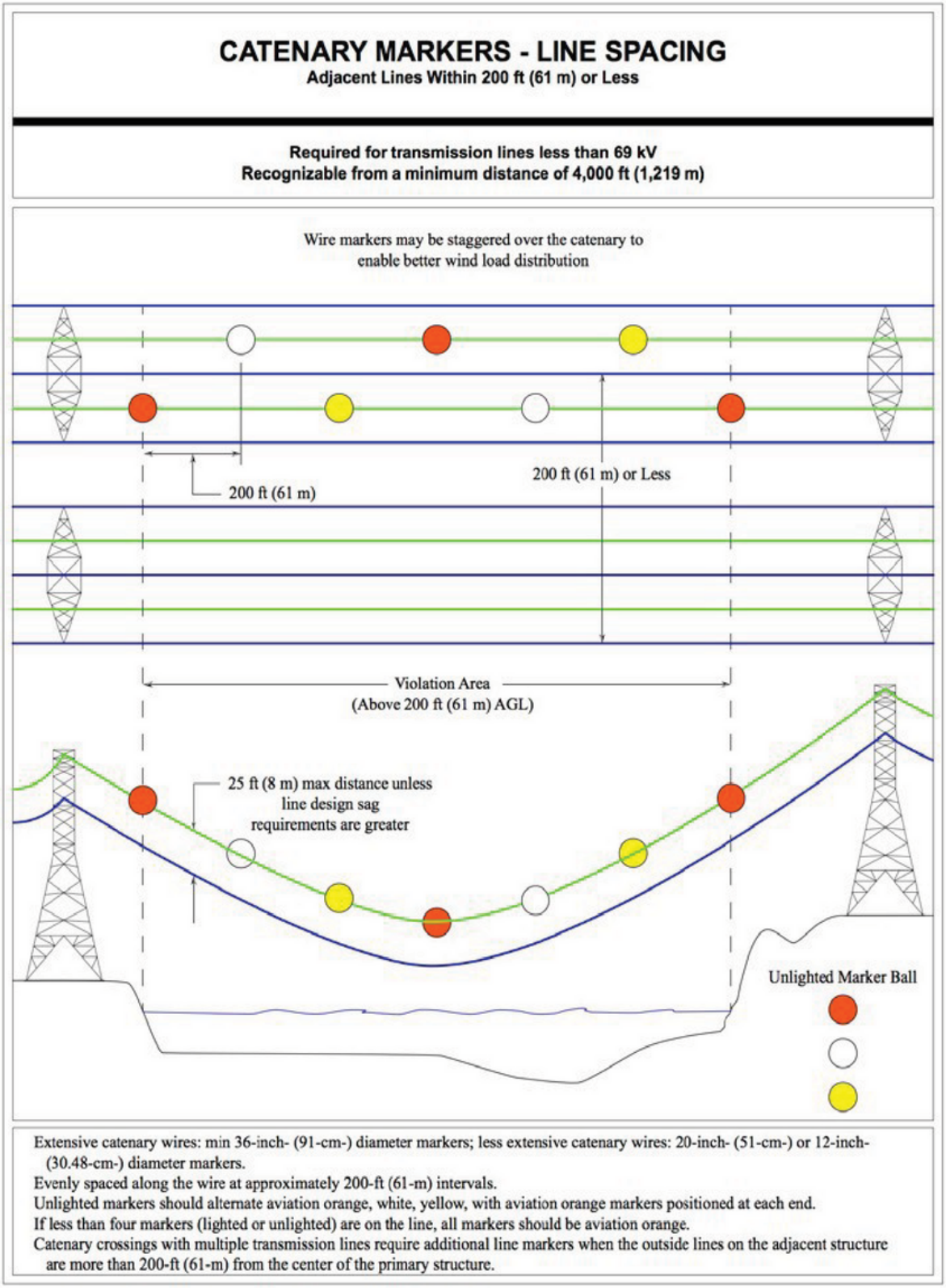


Figure A-22. Catenary Markers – Line Spacing (Adjacent Lines Within 200 ft. (60.96 m) or Less)

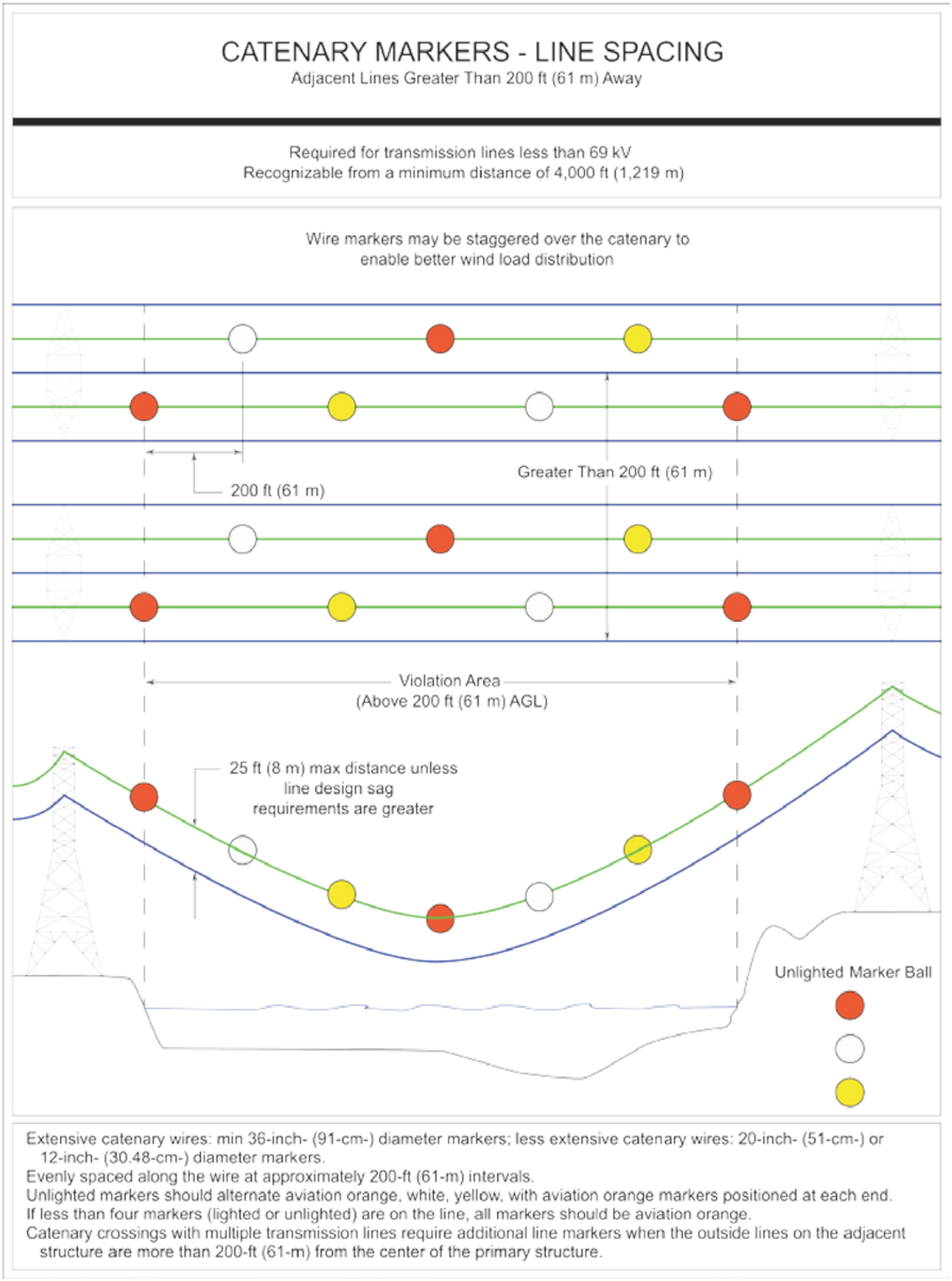


Figure A-23. Catenary Markers - Line Spacing (Adjacent Lines Greater Than 200 ft. (60.96 m) Away)

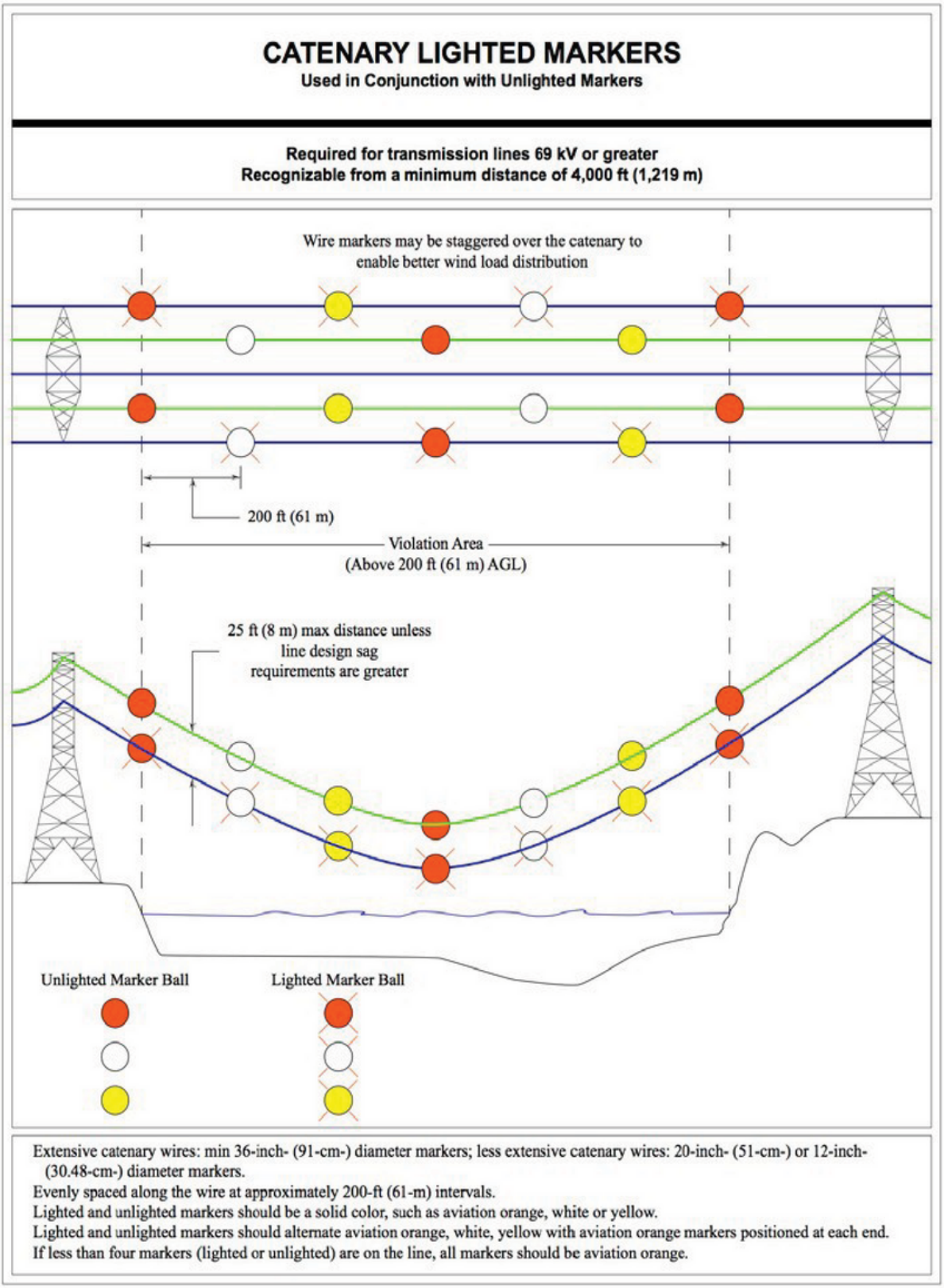


Figure A-24. Catenary Lighted Markers – Used in Conjunction with Unlighted Markers (69 kV or greater)

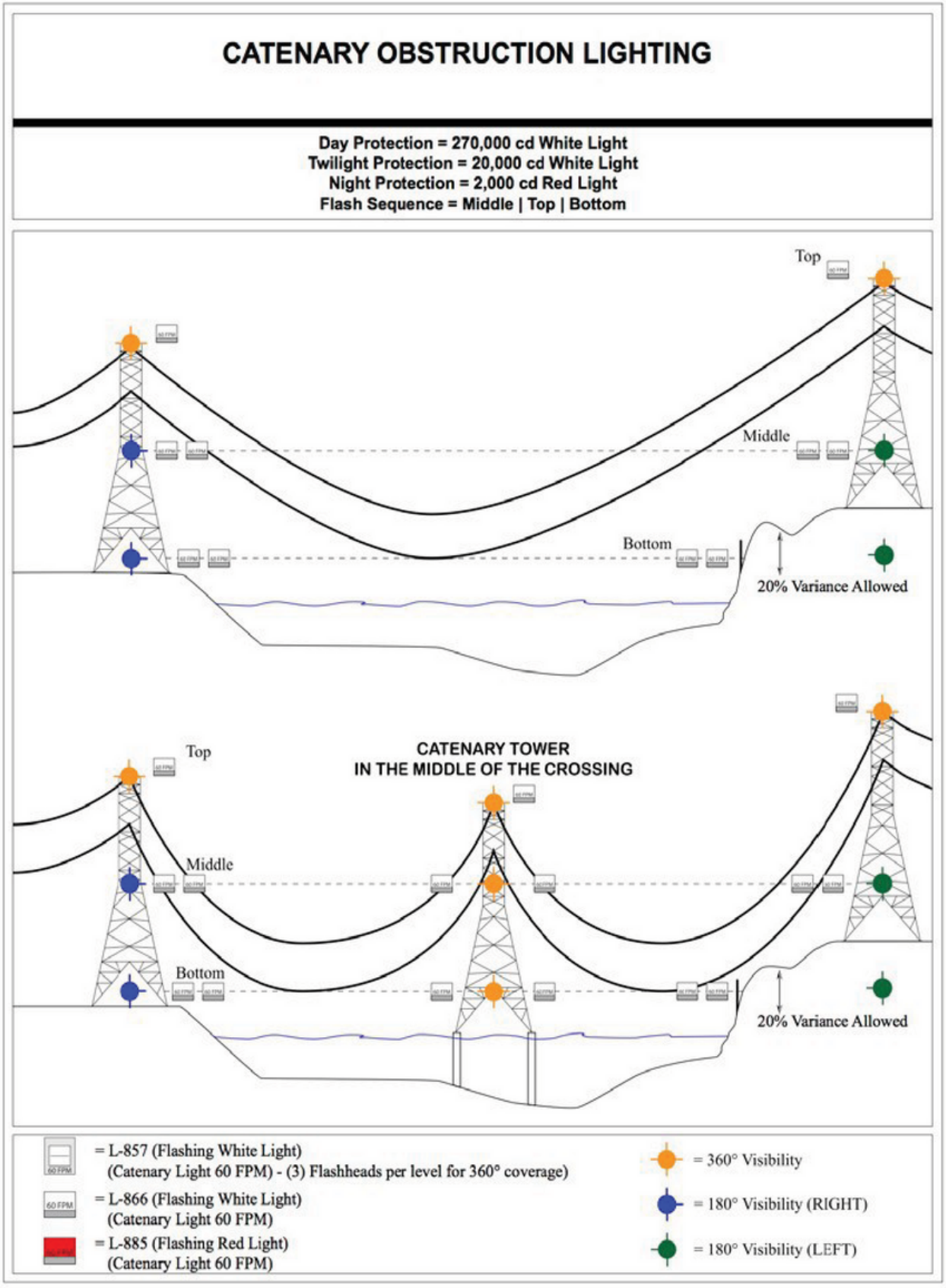


Figure A-25. Catenary Obstruction Lighting

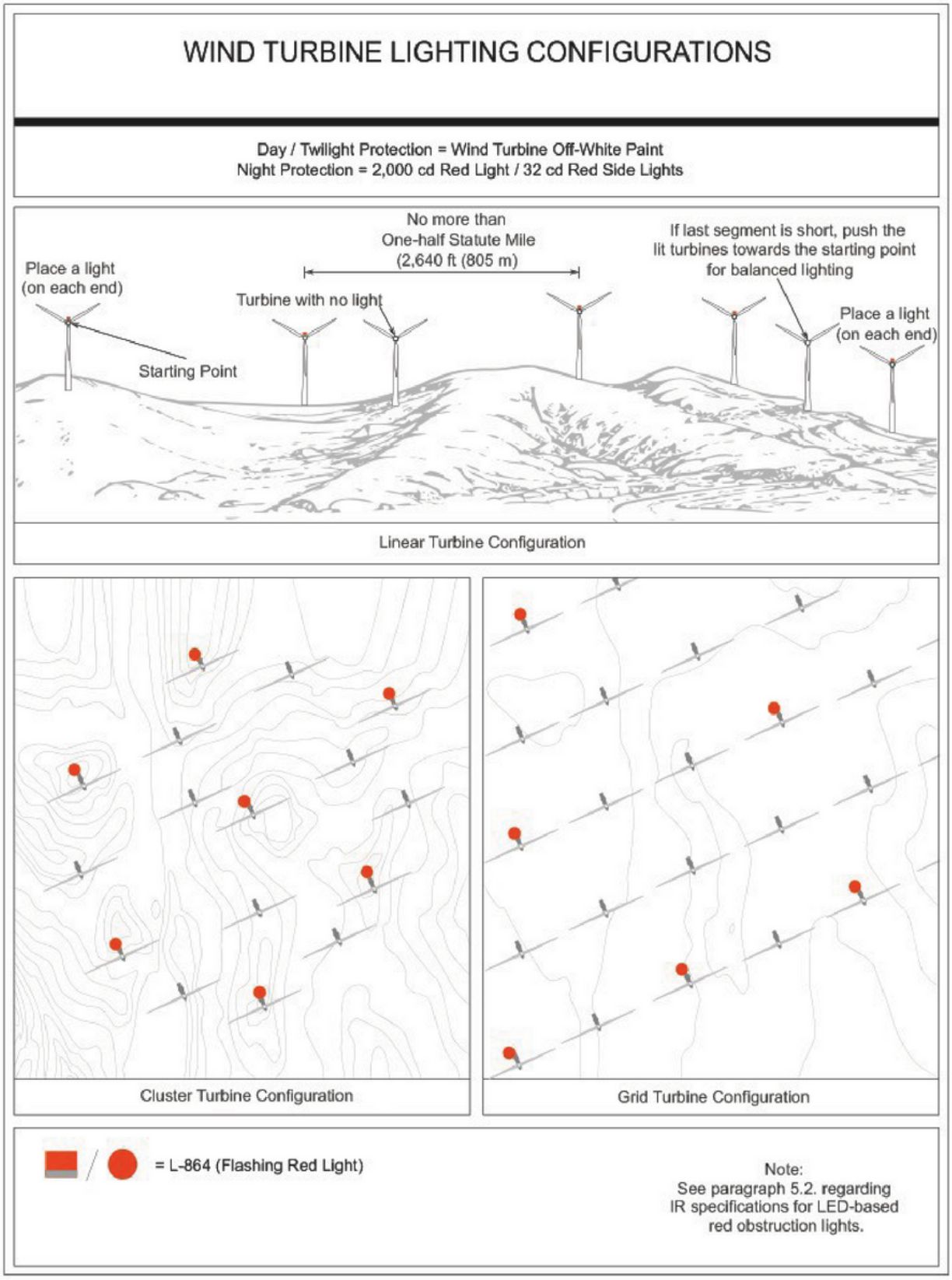


Figure A-26. Wind Turbine Lighting Configurations

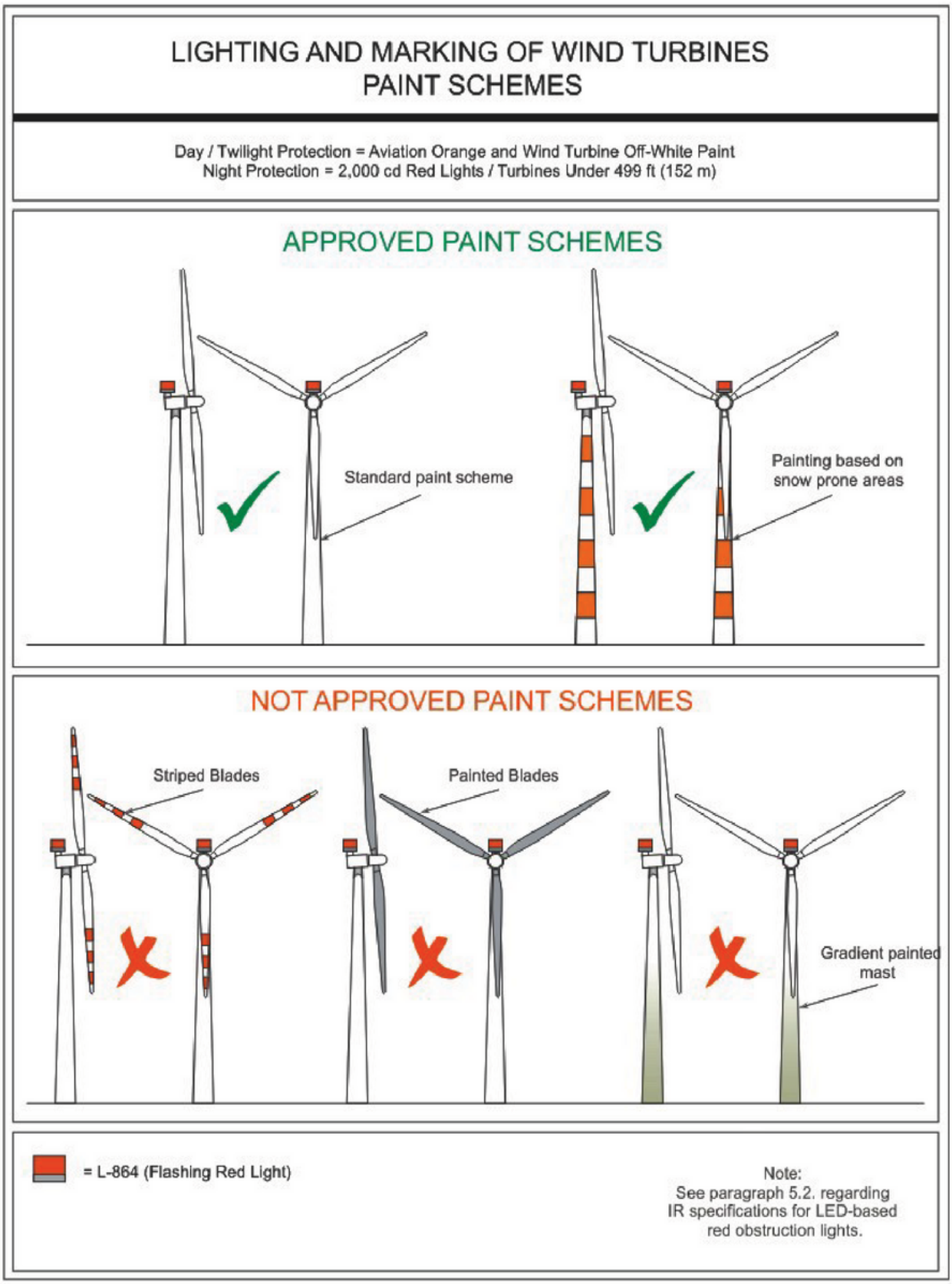


Figure A-27. Lighting and Marking of Wind Turbines – Paint Schemes

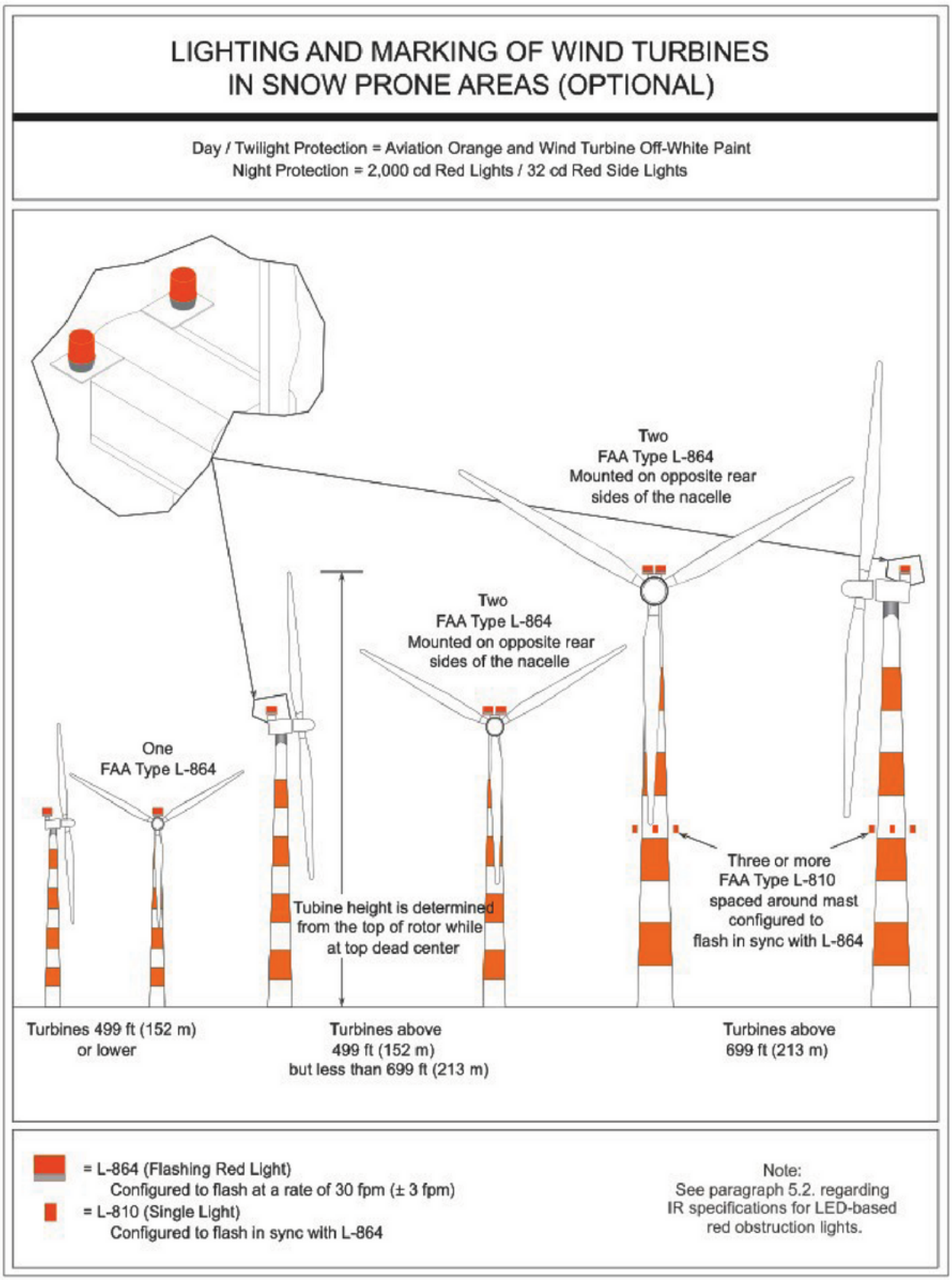


Figure A-28. Wind Turbine Lighting and Marking in Snow Prone Areas (Optional)

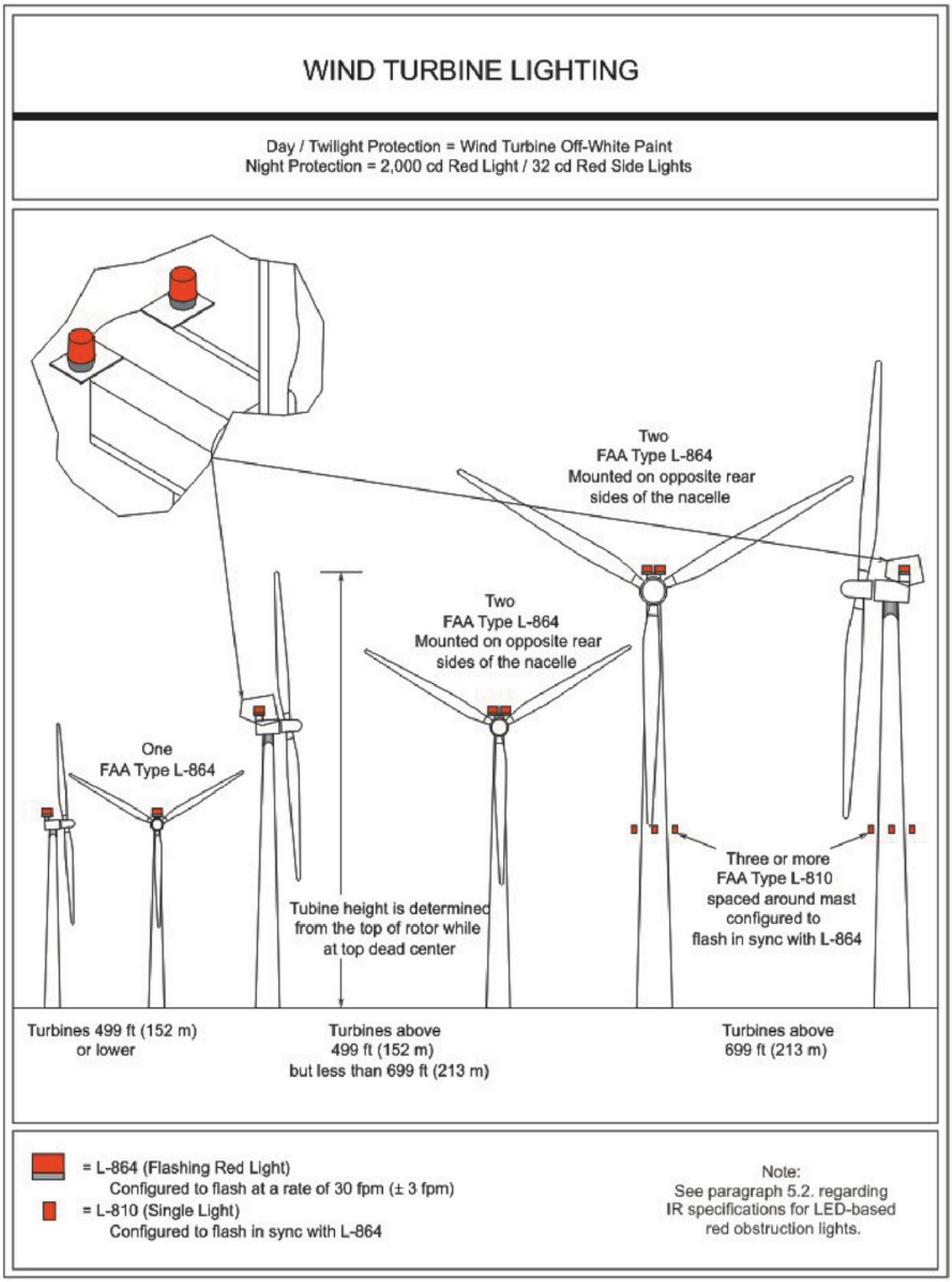


Figure A-29. Wind Turbine Lighting

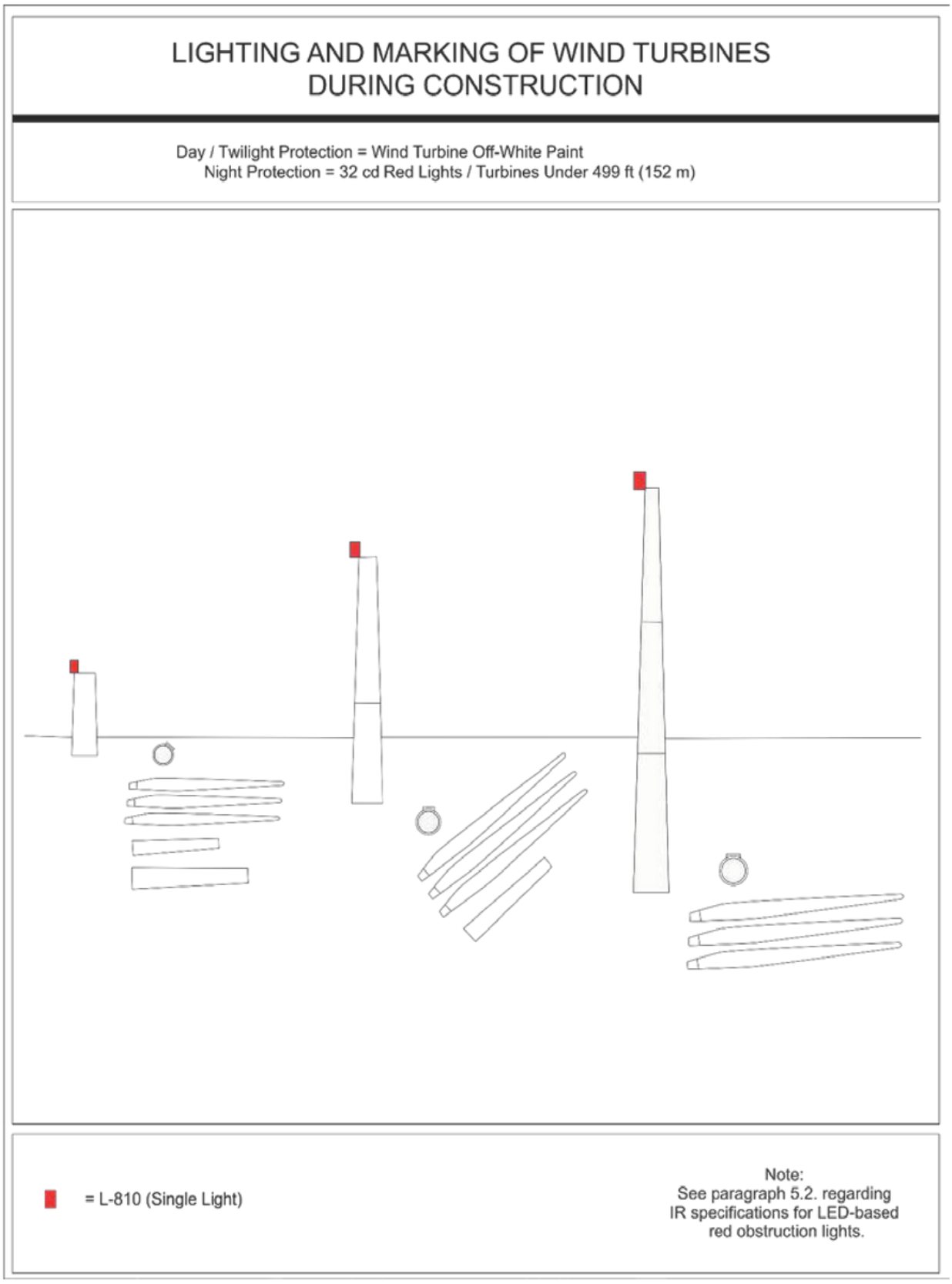


Figure A-30. Marking and Lighting of Turbines During Construction

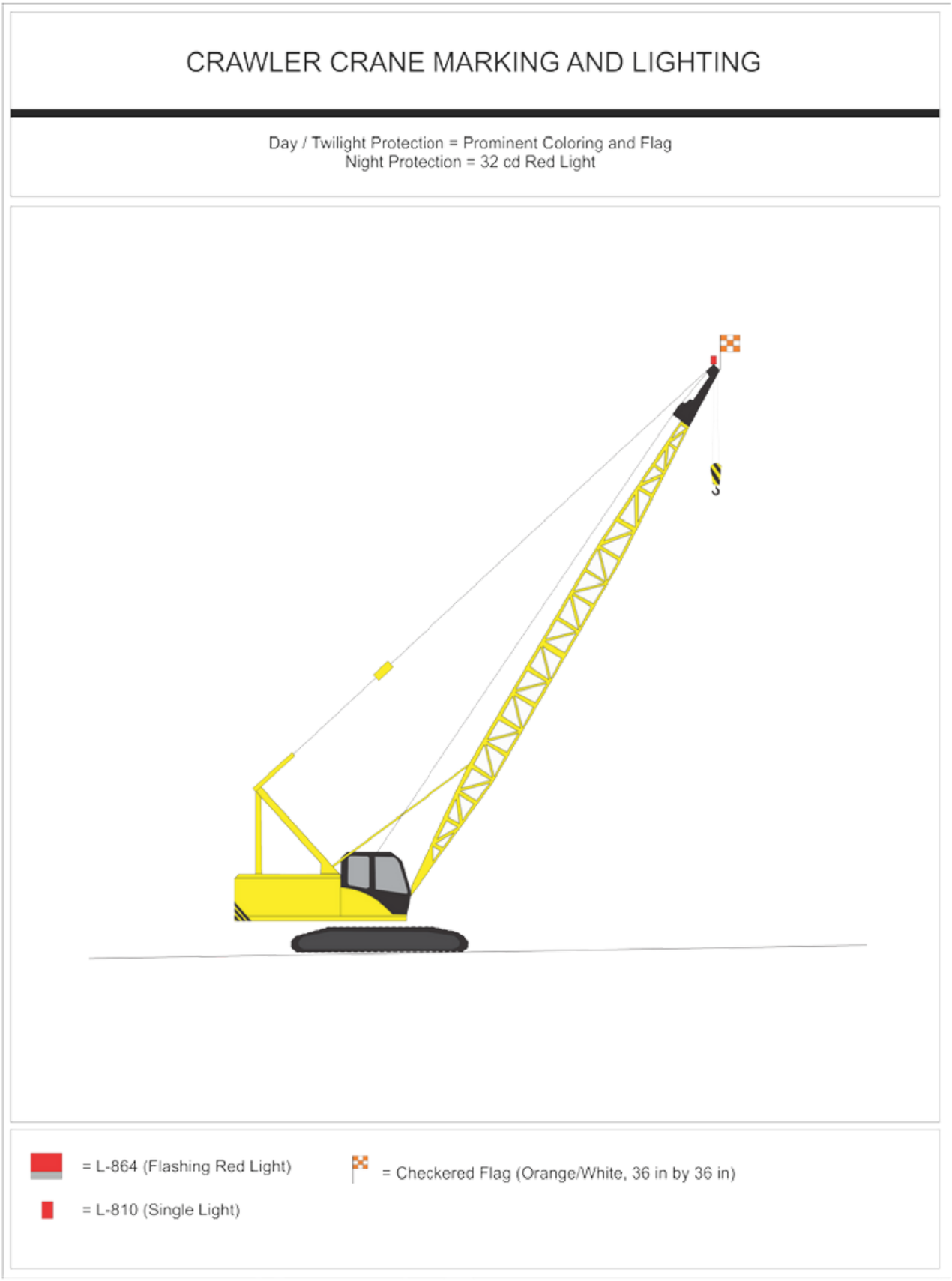


Figure A-31. Crawler Crane Marking and Lighting

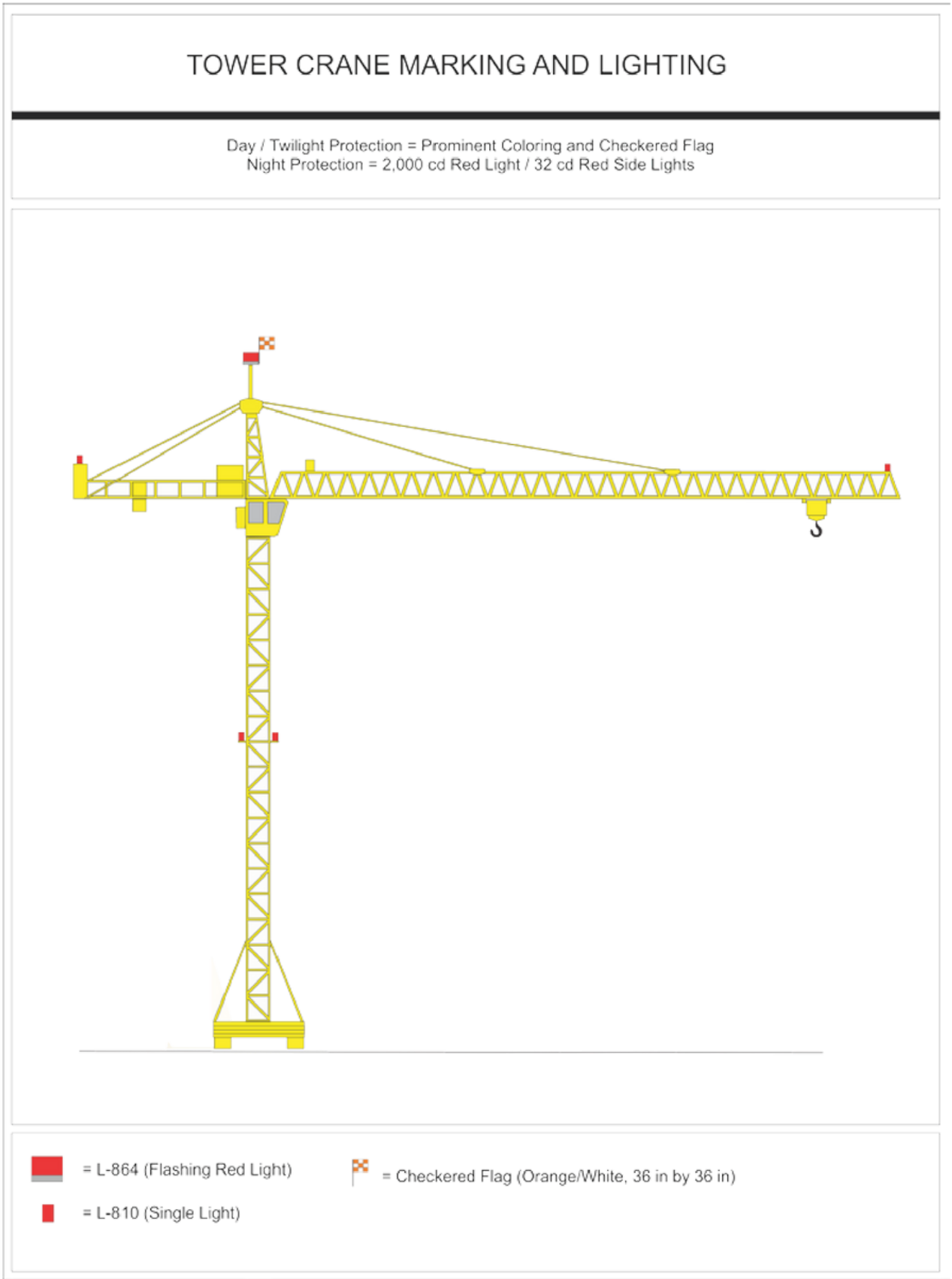


Figure A-32. Tower Crane Marking and Lighting

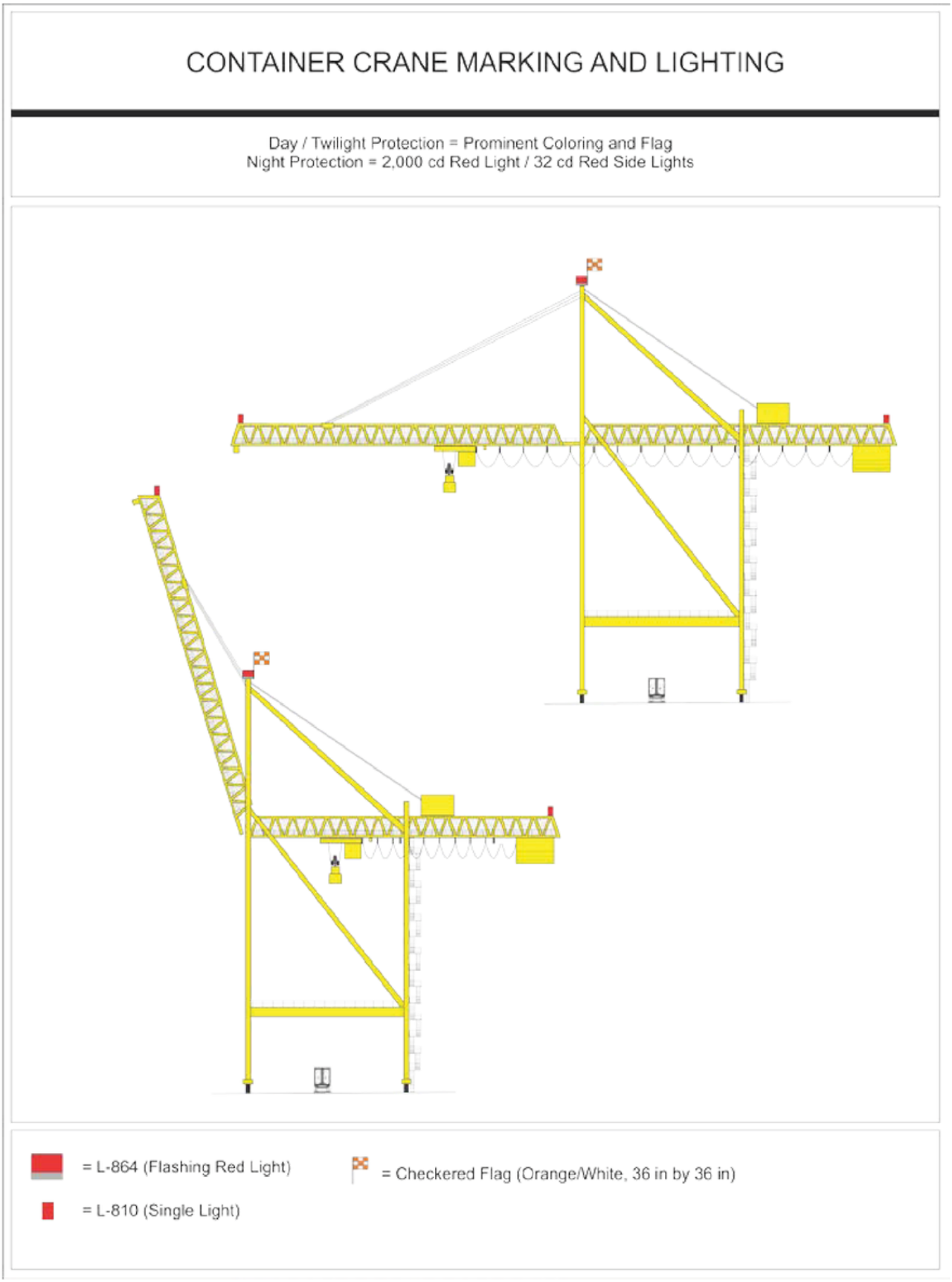


Figure A-33. Container Crane Marking and Lighting