

Job:
Type:
Notes:

Emergency Light Output Information

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Table 1 : EM (Integral Emergency) Luminaires

90 minute minimum emergency operation, 32°F / 0°C minimum ambient temperature. Luminaire supplied with Iota I-42-L, except 942EM/943EM/943EM-Bollards supplied with Bodine BDL-213. Storage and operating temperature range is from 32°F / 0°C to 131°F / 55°C.

Luminaires	Lamps in Luminaire	Lamps Operated in Emergency Mode	Emergency Mode Total Initial Lumens ¹
101EM 102EM 103EM	2 - 26QF	1 - 26QF	425
104EM 106EM 107EM	1 - 32TRF	1 - 32TRF	600
108EM 109EM	1 - 42TRF	1 - 42TRF	750
111EM 113EM 114EM	1 - 26QF	1 - 26QF	425
	1 - 32TRF	1 - 32TRF	600
300EM 220EM 221EM	1 - 42TRF	1 - 42TRF	750
942EM 943EM 943EM Bollards	2 - 13TF	1 - 13TF	350

Table 2 : EMC (Integral Emergency Cold Temperature) Luminaires

90 minute minimum emergency operation, 0°F / -18°C minimum ambient temperature. EMC luminaires supplied with B4CFI. Storage and operating temperature range is from -0°F / -18°C to 131°F / 55°C.

Luminaires	Lamps in Luminaire	Lamps Operated in Emergency Mode	Emergency Mode Total Initial Lumens ¹
101EMC 107EMC	2 - 26QF	1 - 26QF	700
	1 - 32TRF	1 - 32TRF	1,100
	1 - 42TRF	1 - 42TRF	850
111EMC 114EMC	1 - 26QF	1 - 26QF	700
	1 - 32TRF	1 - 32TRF	1,100
942EMC 943EMC 943EMC Bollards	1 - 26QF	1 - 26QF	700
G13EMC	2 - 32TRF	1 - 32TRF	1,100

¹ Lumen output is greatly affected by lamp temperature during operation by either the normal AC ballast or the emergency ballast. Lumen ratings based on 77°F / 25°C ambient temperature. Lumen data based on current published data from the emergency battery pack manufacturer.

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Emergency Light Output Information

**Table 3 : EMR (Emergency Remote) Luminaires with B84CG, I-162 or ICE420
Emergency Battery Pack**

Luminaire supplied with B84CG, ICE420 or I-162 emergency battery pack. 90 minute minimum emergency operation, minimum ambient temperature is 32°F / 0°C (B84CG, I-162, I-160-DL) or 0°F / -18°C (ICE420). Storage and operating temperature range is from 32°F / 0°C to 131°F / 55°C (B84CG, I-162), 0°F / -18°C to 131°F / 55°C (ICE420.)

Luminaires	Lamps in Luminaire	With B84CG Emergency Mode		With I-162 ² Emergency Mode		With ICE420 ³ Emergency Mode	
		Lamps Operated	Initial Lumens ¹	Lamps Operated	Initial Lumens ¹	Lamps Operated	Initial Lumens ¹
101EMR 107EMR 103EMR 108EMR 104EMR 109EMR	2 - 26QF	1 - 26QF	700	2 - 26QF	2,600	2 - 26QF	1,200
	1 - 32TRF	1 - 32TRF	1,100	Not Available		Not Available	
	2 - 32TRF	1 - 32TRF	1,100	2 - 32TRF	2,750	2 - 32TRF	1,250
	1 - 42TRF	1 - 42TRF	850	Not Available		Not Available	
	2 - 42TRF	1 - 42TRF	850	2 - 42TRF	2,800		
102EMR 106EMR	2 - 26QF	1 - 26QF	700	2 - 26QF	2,600	2 - 26QF	1,200
	1 - 32TRF	1 - 32TRF	1,100	Not Available			
	1 - 42TRF	1 - 42TRF	850				
111EMR 114EMR 113EMR	1 - 26QF	1 - 26QF	700	Not Available			
	1 - 32TRF	1 - 32TRF	1,100				
	1 - 42TRF	1 - 42TRF	850				
300EMR	1 - 32TRF	1 - 32TRF	1,100	Not Available			
	1 - 42TRF	1 - 42TRF	850				

1. Lumen output is greatly affected by lamp temperature during operation by either the normal AC ballast or the emergency ballast. Lumen ratings based on 77°F / 25°C ambient temperature. Lumen data based on current published data from the emergency battery pack manufacturer.

2. Lamps are wired in parallel. Should one lamp become inoperable, the remaining lamp will operate with a minimum total initial output of 2,250 lumens.

3. CAUTION: Maximum battery pack input power for EMR units with ICE420 option is 100 watts (.83 amps) when heating element is on. This is in addition to the normal input power for luminaire, lamps and ballast.

