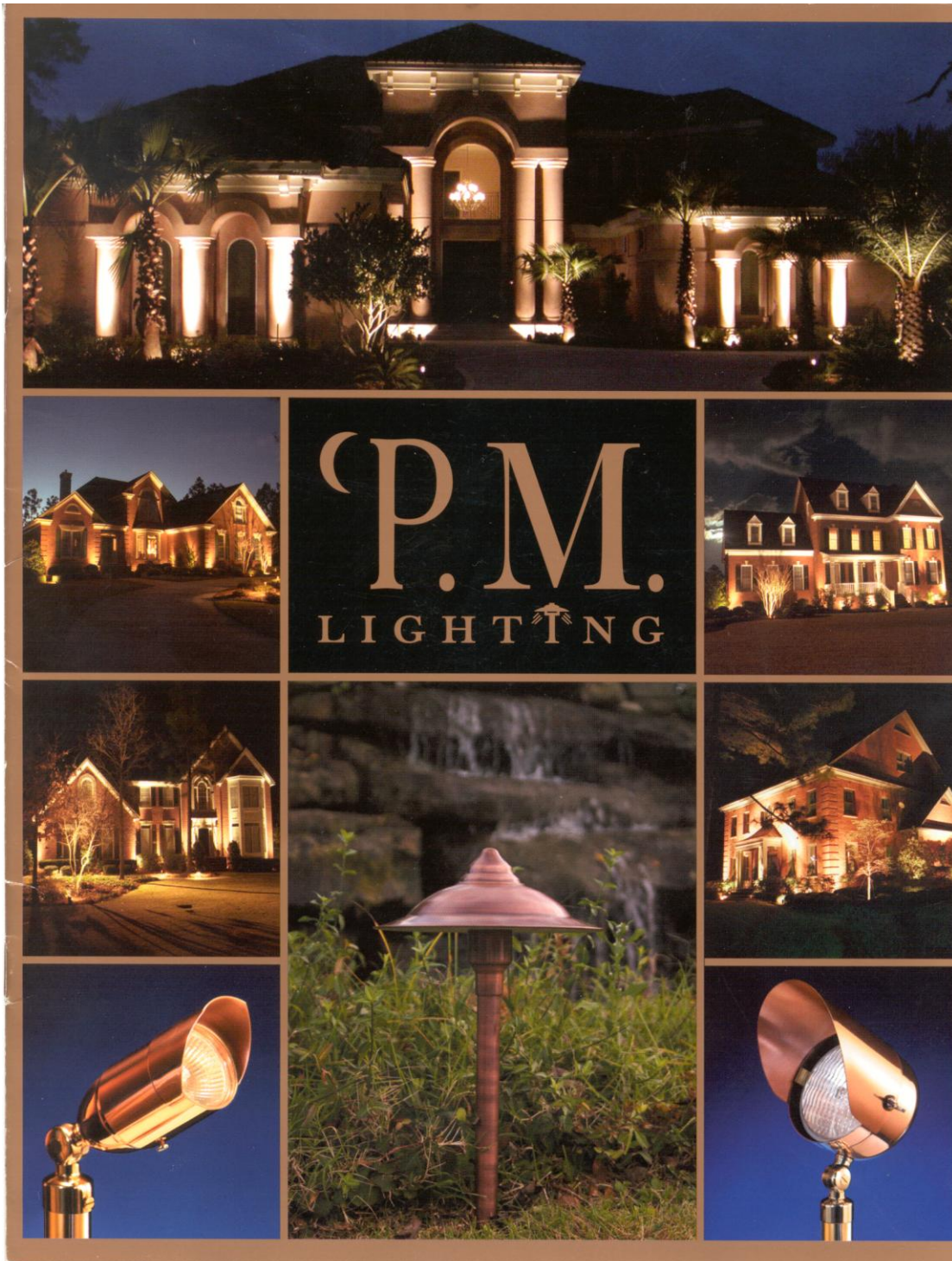


P.M. Lighting, LLC
QUALITY LANDSCAPE LIGHTING

P. O. Box 98 ♦ 1094 North Main St.
Ashland City, TN 37015
Phone (615)792-6884 Fax # (615)792-6898

INSTALLATION MANUAL





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Voltage Drop Chart For 12-2 Wire.

Watts	20	40	60	80	100	120	140	160	180	192
Amps	1.7	3.3	5	6.7	8.3	10	11.7	13.3	15	16
25	0.1	0.3	0.4	0.5	0.7	0.8	1	1.1	1.2	1.3
50	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.6
75	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2	3.7	3.9
100	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.2
125	0.7	1.4	2	2.7	3.4	4.1	4.7	5.4	6.1	6.5
150	0.8	1.6	2.4	3.2	4.1	4.9	5.7	6.5	7.3	7.8
175	1	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.5	9.1
200	1.1	2.2	3.2	4.3	5.4	6.5	7.6	8.6	9.7	
225	1.2	2.4	3.7	4.9	6.1	7.3	8.5	9.7		
250	1.4	2.7	4.1	5.4	6.8	8.1	9.5			
275	1.5	3	4.5	5.9	7.4	8.9	10.4			
300	1.6	3.2	4.9	6.5	8.1					
325	1.8	3.5	5.3	7	8.8					
350	1.9	3.8	5.7	7.6	9.5					
375	2	4.1	6.1	8.1	10.1					
400	2.2	4.3	6.5	8.6						
425	2.3	4.6	6.9	9.2						
450	2.4	4.9	7.3	9.7						
475	2.6	5.1	7.7	10.3						
500	2.7	5.4	8.1	10.8						
525	2.8	5.7	8.5							
550	3	5.9	8.9							
575	3.1	6.2	9.3							
600	3.2	6.5	9.7							
625	3.4	6.8	10.1							
650	3.5	7								
675	3.7	7.3								
700	3.8	7.6								
725	3.9	7.8								
750	4.1	8.1								
775	4.2	8.4								
800	4.3	8.6								
825	4.5	8.9								
850	4.6	9.2								
875	4.7	9.5								
900	4.9	9.7								
925	5	10								
950	5.1	10.3								
975	5.3									
1000	5.4									

Distance to first fixture(or Hub) in feet

Appendix A-2