

<b>Technical Data PORTY 12 Lithium</b>				
17.7.2008				
<b><u>EH PRO MINI 1200 P</u></b>				
<b>Aperture measurement with 1 x EH PRO MINI 1200 P</b>				
	Flash (f = 10), 1/60sec, 100ASA 1m distance:	Modeling light (full), 1sec, 100ASA, 65 W 1m distance	Flash (f = 10), 1/60sec, 100ASA 2 m distance:	Modelingf light (full), 1sec, 100ASA, 65 W 2 m distance:
Reflector 12", No 1:	128 1/10	22 2/10	64 0/10	11 5/10
Reflector 12", No 2:	128 4/10	22 7/10	64 3/10	11 9/10
Reflector 12", No 3:	128 2/10	22 2/10	64 1/10	11 6/10
Reflector 12", No 4:	128 3/10	22 7/10	64 2/10	11 8/10
Reflector 7"	64 6/10	16 1/10	32 5/10	8.0 9/10
Reflector 9" Small	90 9/10	22 0/10	45 8/10	11 5/10
Reflector 9" Medium	90 7/10	22 2/10	45 4/10	11 3/10
Reflector 9" Large	90 8/10	22 1/10	45 3/10	11 5/10
Reflector 14" Longhorn	180 5 /10 *	45 7/10	90 2/10	22 4/10
<b>Flash duration max. energy:</b>				
	Flash duration t 05 /[ms]	Flash duration t 01 / [ms]	Colour temparture Average value	
1 x Socket A, (1200 J), full	1/900	1/280	5710	
1 x Socket B (600 J), full	1/1500	1/520	5595	
Socket A 600 J, Socket B 600J, measured socket A/B	1/1500	1/500	5595	
Socket A 600 J, Socket B 300 J, measured socket A	1/1490	1/520	5610	
Socket A 600 J, Socket B 300 J, measured B	1/2480	1/900	5675	
Socket A 900 J, Socket B 300 J, measured socket A	1/1100	1/350	5660	
Socket A 900 J, Socket B 300 J, measured socket B	1/2480	1/900	5710	
<b>Minimal flash duration at</b>				
	Flash duration t 05 /[ms]	Flash duration t 01 / [ms]	Colour temparture Average value	
1 x Socket A, (1200 J), E = 300 J	1/2400	1/900		
1 x Socket B, (600 J), E = 300J	1/2550	1/850		
Socket A 600 J, Socket B 600 J, E = 9.0, measured socket A/B	1/2520	1/900		
Socket A 600 J, Socket B 300 J, E = 9.0, measured socket A	1/1320	1/460		
Socket A 600 J, Socket B 300 J, E = 9.6, measured socket B	1/2630	1/920		
Socket A 900 J, Socket B 300 J, E = 10, measured socket A	1/1110	1/360		
Socket A 900 J, Socket B 300 J, E = 10, measured socket B	1/2520	1/900		

<b>EH Pro Mini 1200 P Speed</b>				
<b>Aperture measurements with 1 x EH PRO MINI 1200 P Speed</b>				
	Flash (f = 10), 1/60sec, 100ASA	Modeling light (full), 1sec, 100ASA, 65 W	Flash (f = 10), 1/60sec, 100ASA	Modeling light (full), 1sec, 100ASA, 65 W
	1m distance:	1m distance	2 m distance:	2 m distance:
Reflector 12", No 1:	90 8/10 *	22 2/10	45 6/10	11 5/10
Reflector 12", No 2:	128 0/10 *	22 7/10	45 8/10	11 9/10
Reflector 12", No 3:	90 8/10 *	22 2/10	45 6/10	11 6/10
Reflector 12", No 4:	128 0/10 *	22 7/10	45 8/10	11 8/10
Reflector 7"	64 2/10	16 1/10	32 1/10	8.0 9/10
Reflector 9" Small	90 6/10	22 0/10	45 3/10	11 5/10
Reflector 9" Medium	90 0/10	22 2/10	45 0/10	11 3/10
Reflector 9" Large	64 8/10	22 1/10	32 9/10	11 5/10
Reflector 14" Longhorn	128 8/10 *	45 7/10	64 8/10	22 4/10
<b>Flash duration max. energy:</b>				
	Flash duration t 05 / [ms]	Flash duration t 01 / [ms]	Colour tempature Average value	
1 x Socket A, (1200 J), full	1/1520	1/500	5710	
1 x Socket B (600 J), full	1/2900	1/810	5760	
Socket A 600 J, Socket B 600 J, measured socket A/B	1/2950	1/900	5760	
Socket A 600 J, Socket B 300 J, measured socket A	1/2850	1/890	5780	
Socket A 600 J, Socket B 300 J, measured socket B	1/5100	1/1934	6000	
Socket A 900 J, Socket B 300 J, measured socket A	1/2080	1/650	5725	
Socket A 900 J, Socket B 300 J, measured socket B	1/5100	1/1950	6020	
<b>Minimal flash duration at</b>				
	Flash duration t 05 / [ms]	Flash duration t 01 / [ms]	Colour tempature Average value	
1 x Socket A, (1200 J), E = 300J	1/ 5000	1/1900		
1 x Socket B, (600 J), E = 300 J	1/5050	1/1850		
Socket A 600 J, Socket B 600J, E = 9.0 measured socket A/ B	1/5025	1/1900		
Socket A 600 J, Socket B 300 J, E = 9.0, measured socket A	1/2800	1/900		
Socket A 600 J, Socket B 300 J, E = 9.0, measured socket B	1/5200	1/1950		
Socket A 900 J, Socket B 300 J, E = 10, measured socket A	1/2010	1/650		
Socket A 900 J, Socket B 300 J, E = 10, measured socket B	1/4950	1/1900		

Max. discharging time E = 10 bis E = 4,0				
Max. discharging time up to the temperature disconnection				
Cooling phase after disconnection because of discharging				
Max number of flashes to disconnection				
Cooling phase after disconnection because of load				