

TECHNICAL DATA SHEET

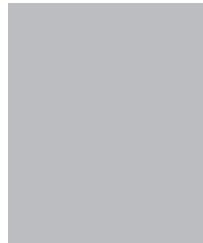
PARA 220 FB/ SOFT



Para 220 FB

Para Soft 220 FB

| | | |
|---------------------------------|---|--|
| Article number | 33.485.00 | 33.487.00 |
| Allowed max. energy | 3200 J | 3200 J |
| f-stop at 2 m (6 ½ ft) distance | focused: f: 128 3/10 | focused: f: 32 5/10 |
| f-stop at 10 m (33 ft) distance | focused: f: 32 8/10 | focused: f: 11 1/10 |
| Inside coating | silver | white |
| Dimensions (without stand) | open: 220 x 160 cm (86.6 x 63") closed: 28 x 120 cm (11 x 47") | open: 220 x 160 cm (86.6 x 63") closed: 28 x 120 cm (11 x 47") |
| Weight | 9.1 kg (20 lbs) | 10.8 kg (23.8 lbs) |
| Compatibility | Pulso G Unilite Ringflash P Pulso Twin ** Pulso 8 * Pulso F2/F4 * Primo broncolor HMI F575.800 * | Pulso G Unilite Ringflash P Pulso Twin * Pulso 8 * Pulso F2/F4 * Primo broncolor HMI F575.800 * |
| | *) modification set needed | *) modification set needed |
| Accessories | diffuser (low degree): 33.464.00 diffuser (mid degree): 33.465.00 diffuser (high degree): 33.466.00 tilt head: 33.477.00 lamp extension cable 5 m: 34.151.00 lamp extension cable 10 m: 34.152.00 stand XXL AC: 35.114.00 protecting glass mat: 44.102.55 service set: 40333.00 | diffuser (low degree): 33.464.00 diffuser (mid degree): 33.465.00 diffuser (high degree): 33.466 tilt head: 33.477.00 lamp extension cable 5 m: 34.151.00 lamp extension cable 10 m: 34.152.00 stand XXL AC: 35.114.00 protecting glass mat: 44.102.55 service set: 40333.00 |



| | Senso A2 | Senso A4 |
|---|---|--|
| Flash energy | 1200 J | 2400 J |
| f-stop at 2 m (6 ½ ft), 100 ISO, Litos lamp and P70 reflector | f 45.8 | f 64.8 |
| f-stop at 2 m (6 ½ ft), 100 ISO, Litos lamp and Litos reflector | f 32.1 | f 45.1 |
| f-stop at 2 m (6 ½ ft), 100 ISO, Pulso G lamp and P70 reflector | f 45.7 | f 64.7 |
| Flash duration t 0.1 (t 0.5) at 230 V | Litos: 1200 J: 1/180 s (1/600 s) 600 J: 1/360 s (1/1200 s) Pulso G / Unilite: 1200 J: 1/100 s (1/300 s) 600 J: 1/200 s (1/600 s) | Litos: 2400 J: 1/90 s (1/300 s) 1200 J: 1/180 s (1/600 s) Pulso G / Unilite: 2400 J: 1/50 s (1/150 s) 1200 J: 1/100 s (1/300 s) |
| Charging time (for 100% of selected energy) | 0.4 – 1.5 s (200-240 V) 0.4 – 1.5 s (110-120 V) 0.5 – 1.9 s (900 J und 100 V) 0.5 – 2.7 s (1200 J und 100 V) | 0.4 – 2.8 s (200-240 V) 0.4 – 2.9 s (110-120 V) 0.5 – 3.9 s (1800 J und 100 V) 0.5 – 5.1 s (2400 J und 100 V) |
| Ready display | Visual and audible (can be switched off) | |
| Lamp outlets | 3 | |
| Power distribution | 2 channels with selectable symmetric/asymmetric power distribution | |
| Controls | Dust- and scratch-resistant illuminated silicone keypad as well as two LED displays | |
| Flash energy control range | 5.5 f-stops (1 lamp) | |
| Modelling light | 200 - 240 V: Halogen max. 3 x 650 W 100 - 120 V: Halogen max. 3 x 300 W Proportional to flash energy and "full" setting. | |
| Flash triggering | Manual release button, photocell (can be switched off), sync cable, RFS 2 transceiver | |
| Radio (RFS2, 2.4 GHz) | Outdoor range up to 200 m (656 ft) Indoor range up to 50 m (164 ft) | |
| Number of sync sockets | 1 | 1 |
| Dimensions (L x W x H) excl. handle | 203 x 148 x 218 mm (8 x 5.8 x 8.6") | 203 x 148 x 300 mm (8 x 5.8 x 11.8") |
| Weight of power pack | 4.6 kg (10.1 lbs) | 6.9 kg (15.2 lbs) |
| Stabilised flash voltage | +/- 1 % | |
| Power requirements | 200-240 V / 50 Hz 110-120 V / 50-60 Hz 100 V / 50 Hz (Adjustable to available mains voltage with mains selector switch) | |
| Standards | EN 60065/A1, EN 55014, EN 300 220-1/-3, EN 50371, EN 60950, EN 301 489-1/-3, as per EEC directives 2006/95, 2004/108, 99/5, 96, 95 | |