

# FOTOGRAFIT

underwater imaging & light

[blog.FOTOGRAFIT.eu](http://blog.FOTOGRAFIT.eu)

Flash comparison chart SS-1/SS-2/Z-240/YS-D2		i-Divesite Symbiosis		Inon	Sea & Sea	NOTE:
		SS-1	SS-2	Z-240 (type 4)	YS-D2	
Flash Power (manufacturer spec)	Guide Nr	24	32	24	32	
Flash Power (meassure/flash meter)	Iso 100/1,5m distance	f:8,7	f:16,1	f:8,9	f:11,8	
Flash Power (meassure/flash meter)	Iso 100/ same - 1,5m left (45")	Minus 1,9 steps	Minus 2,3 steps	Minus 1,6 steps	Minus 1,9 steps	
Recycle time	(Without Led turned on)	0,8	1,6	1,6/1,7*	1,5*	*Eneloop/NiMh batteries
Flash Angle Coverage (manufacturer spec)	w/o Diffusor	90"	90"	100"	80"	
	Extra diffusor	100"	100"	110"	100"	
	Extra diffusor	/	/	120"	120"	
Density of std. diffusor	Decrease flash power with:	1,9 f-stop	1,9 f-stop	0,6 f-stop	0,6 f-stop*	* 100" degree diffusor
Led Power		1000/2000	1000/2000	180	/	
LED burn time		100 min (2000 lumen)	100 min (2000 lumen)	/	/	
LED Light Angle Coverage	w/o Diffusor	100	100	/	/	
Flash steps	(with manual use)	8 steps	15 steps	13 steps	11 steps	
Color temp	Flash	5700 K	5700 K	5700 K	5600K	
Flash automation		AUTO 1/2	AUTO 1/2	TTL	TTL	
Focus light		white/red	white/red	white/red*	white/red*	*red using a filter
Focus light power settings		3 white / 2 red	3 white / 2 red	1 step	2 step	
Fill in light		No	Yes*	No	No	* LED + Flash together
Number of Flashes @Full power		1000	550	240/320*	200	*Eneloop/NiMh batteries
Battery types needed	Power	Lion:14,8V, 3800mAh, 50,3W/h	Lion:14,8V, 3800mAh, 50,3W/h	4 x AA Eneloop 2450 mAh	4 x AA Eneloop 2450 mAh	
	Chargetime	2,5 hour	2,5 hour	/	/	
Weight		970g	1030g	583g + battery	623g + battery	
Depth rating		60m	60m	100m	100m	
Trigger		Fiber optic	Fiber optic	Fiber optic/electric	Fiber optic/electric	
Slave function		Yes	Yes	Yes	Yes	

FOTOGRAFIT © 2016