

Travel Strobe Roundup Comparison Chart

	Comet LB-400	Comet PMT-1200a	Dynalite UNIJRg-PS1	Dynalite UNIJR-PS1	Dynalite UNIJRg-LW2
Power Pack maximum Output	400 Ws	1200 Ws	N/A	N/A	N/A
Guide No. at ISO 100	183.7' (56 m)	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Power Control	5 steps, full to 1/16	Not specified by manufacturer	N/A	N/A	N/A
Full Power Recycle Time	3.5 sec	Not specified by manufacturer	4 sec (with UNI400JRg)	4 sec (with UNI400JRg)	4 sec (with UNI400JRg)
Full Power Flashes Per Charge	150	Not specified by manufacturer	150 (at 320 Ws with UNIJRg)	150 (at 320 Ws with UNIJRg)	150 (at 320 Ws with UNIJRg)
Battery Type	NiMH	NiMH	NiMH	NiMH	NiMH
Battery Dimensions	Not specified by manufacturer	Not specified by manufacturer	N/A	N/A	N/A
Battery Weight	Not specified by manufacturer	Not specified by manufacturer	N/A	N/A	N/A
Flash Connection Ports	1 port	1 port	2 ports	2 ports	2 ports
Power Pack Dimensions	5.3 x 7.9 x 2.4" (13.5 x 20.1 x 6.1 cm)	8.9 x 10.3 x 3.5" (22.6 x 26 x 8.9 cm)	3.75 x 5.25 x 2.1" (9.5 x 13.3 x 5.4 cm)	3.75 x 5.25 x 2.1" (9.5 x 13.3 x 5.4 cm)	3.75 x 5.25 x 2.1" (9.5 x 13.3 x 5.4 cm)
Power Pack Weight	2.65 lb (1.2 kg)	7 lb (3.2 kg)	2.3 lb (1.0kg)	2.3 lb (1 kg)	2.3 lb (1 kg)
Head Type	Flash head	Flash head	Monolight	Monolight	Monolight
Total Power	N/A	N/A	400 Ws	400 Ws	400 Ws
Power Control	N/A	N/A	4 steps, full to 1/8	4 steps, full to 1/8	4 steps, full to 1/8
Recycle Time	3.5 sec	7 sec	1.5 sec	1.5 sec	1.5 sec
Average Power Consumption	Not specified by manufacturer	Not specified by manufacturer	8.0 Amp	8.0 Amp	8.0 Amp
Flash Consistency	N/A	N/A	1/10 f-stop	1/10 f-stop	1/10 f-stop
Flash Duration (Sec.)	Not specified by manufacturer	Not specified by manufacturer	1/625 to 1/2200	1/625 to 1/2200	1/625 to 1/2200
Sync Voltage	N/A	N/A	10 VDC	10 VDC	10 VDC
Color Temperature	Not specified by manufacturer	Not specified by manufacturer	5500°K	5500°K	5500°K
Modeling Light	N/A	N/A	3200°K, 100 W	3200°K, 100 W	3200°K, 100 W
Lighting Angle	63°	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Dimensions	Not specified by manufacturer	Not specified by manufacturer	5.0 x 8.0" (12.8 x 17.8 cm)	5.0 x 8.0" (12.8 x 17.8 cm)	5.0 x 8.0" (12.8 x 17.8 cm)
Head Weight	1.2 lb (0.5 kg)	Not specified by manufacturer	3.6 lb (3.6 kg)	3.6 lb (3.6 kg)	3.6 lb (3.6 kg)
Other Kit Components	LB-4FH Flash Head Power Pack - 400 Watt/Seconds Replacement Battery for LB-400 NCD-24 Battery Charger Shoulder Strap	Power Pack - 1200 Watt/Seconds PMT-12H Flash Head NB-2428 NiMH Battery NCD-24 Battery Charger 0315X Sync Cord - 15' (4.5 m)	Uni400JR monolight (120VAC/12VDC) Jackrabbit Pack II with 3 Hour Charger Flashtube Protective Cover Grid Reflector, 65 Degrees - 7" (17.8cm) AC Power Cord - 10' (3 m) (120VAC) 0315X Sync Cord - 15' (4.5 m)	Uni400JR monolight (120VAC/12VDC) Jackrabbit Pack II with 3 Hour multi-Voltage Charger Jackrabbit II to UNI400JR Battery Cable Impact - Umbrella - White Translucent (43") Impact - Air Cushioned Light Stand, Black - 10' (3m)	2x Uni400JR monolight, 2x Jackrabbit Pack II with 3 hr Charger, 2x Compact 40" Umbrella, 2x Jackrabbit II to UNI400JR Battery Cable, 2x Black Compact Lightweight 6.5' Light Stand, 0315X 15' Sync Cord, 0670LW Lightweight Equipment Case

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	Elinchrom Ranger Quadra A Head To go Set	Elinchrom Ranger Quadra Head A Pro Set	Elinchrom Ranger Quadra Eco Ringflash Set	Impact LiteTrek 4.0 DC monolight and mini LiteTrek (LT) Battery Pack	Impact LiteTrek 4.0 DC Two monolight and mini LiteTrek (LT) Battery Pack
Power Pack maximum Output	400Ws	400Ws	400Ws	N/A	N/A
Guide No. at ISO 100	Not specified by manufacturer	Not specified by manufacturer	211.6' (64.5 m)	Not specified by manufacturer	Not specified by manufacturer
Power Control	6.6 steps, full to 1/32	6.6 steps, full to 1/32	6.6 steps, full to 1/32	N/A	N/A
Full Power Recycle Time	2.2 sec	2.2 sec	2.2 sec	1.0-3.5 sec	1.0-3.5 sec
Full Power Flashes Per Charge	Up to 150	Up to 150	Up to 150	650	650
Battery Type	Gel-electrolyte	Gel-electrolyte	Gel-electrolyte	Lithium-ion	Lithium-ion
Battery Dimensions	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Battery Weight	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Connection Ports	2 ports	2 ports	2 ports	2 ports	2 ports
Power Pack Dimensions	5.9 x 3.4 x 8.3" (15 x 8.5 x 21 cm)	5.9 x 3.4 x 8.3" (15 x 8.5 x 21 cm)	5.9 x 3.4 x 8.3" (15 x 8.5 x 21 cm)	Not specified by manufacturer	Not specified by manufacturer
Power Pack Weight	6.6 lb (3 kg)	6.6 lb (3 kg)	6.6 lb (3 kg)	Not specified by manufacturer	Not specified by manufacturer
Head Type	Flash head	Flash head	Ring light	Monolight	Monolight
Total Power	400Ws	400Ws	400Ws	400Ws	400Ws
Power Control	N/A	N/A	N/A	7 steps, full to 1/16	7 steps, full to 1/16
Recycle Time	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Average Power Consumption	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Consistency	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Duration (Sec.)	Up to 1/6000 sec	Up to 1/6000 sec	1/300-1/2500	1/2200 to 1/14000	1/2200 to 1/14000
Sync Voltage	5.0 VDC	5 VDC	5 VDC	5 VDC	5 VDC
Color Temperature	5500°K	5500°K	5500°K	5500°K	5500°K
Modeling Light	20 W (approx. 40 W halogen)	20 W (approx. 40 W halogen)	20 W (approx. 50 W halogen)	2900°K, 50 W	2900°K, 50 W
Lighting Angle	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Dimensions	3.4 x 3.2 x 5.9" (8.5 x 8 x 15 cm)	3.4 x 3.2 x 5.9" (8.5 x 8 x 15 cm)	8.3 x 7.9 x 8.3" (21 x 20 x 21 cm)	3.5 x 3.5 x 5.5" (9 x 9 x 14 cm)	3.5 x 3.5 x 5.5" (9 x 9 x 14 cm)
Head Weight	0.9 lb (0.4 kg)	0.9 lb (0.4 kg)	2.2 lb (1 kg)	2.0 lb (0.9 g)	2.0 lb (0.9 g)
Other Kit Components	Reflector, cap, cable	Ranger Quadra AS Power Pack w/Battery 2x RQ A Flash Head 2x EL 11001 8' Head Cable for Quadra 2x Standard Reflector for Quadra Flash Head 5.3" EL-Skyport Transmitter Ranger Quadra Case EL 19294 RQ Ranger Quadra Battery Box	Ranger Quadra AS Power Pack w/Battery Ranger Quadra Ringflash ECO Skyport SPEED Transmitter	LiteTrek 4.0 DC Flash Head Mini LiteTrek (LT) Battery Pack Aluminum Kit Case	LiteTrek 4.0 DC monolight Mini LiteTrek (LT) Battery Pack Kit LiteTrek 4.0 DC Flash Head Second Reflector Second Stand mount Aluminum Kit Case

Travel Strobe Roundup Comparison Chart

	Lumedyne Next generation ZKN3	Lumedyne Next generation ZKN5	Lumedyne Action Pack ZKX2	Lumedyne Action Pack ZKX4	Lumedyne Signature Series Basic ZK24
Power Pack maximum Output	200 Ws	400 Ws	200 Ws	400 Ws	200 Ws
Guide No. at ISO 100	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Power Control	4 steps, full to 1/8	4 steps, full to 1/8	3 steps, full to 1/4	3 steps, full to 1/4	7 steps, full to 1/64
Full Power Recycle Time	1.3 sec	2.5 sec	1.5 sec	3 sec	1.3 sec
Full Power Flashes Per Charge	200	100	200	100	200
Battery Type	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Battery Dimensions	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)
Battery Weight	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)
Flash Connection Ports	2 ports	2 ports	2 ports	1 port	2 ports
Power Pack Dimensions	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Power Pack Weight	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Type	Flash head	Flash head	Flash head	Flash head	Flash head
Total Power	800 Ws UV flash tube	800 Ws UV flash tube	2400 Ws UV flash tube	2400 Ws UV flash tube	800 Ws UV flash tube
Power Control	N/A	N/A	N/A	N/A	N/A
Recycle Time	N/A	N/A	N/A	N/A	N/A
Average Power Consumption	N/A	N/A	N/A	N/A	N/A
Flash Consistency	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Duration (Sec.)	Not specified by manufacturer	Not specified by manufacturer	1/3000	1/1500	1/50,000 to 1/800
Sync Voltage	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Color Temperature	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Modeling Light	25 W	25 W	25 W	25 W	Not specified by manufacturer
Lighting Angle	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Dimensions	2.9 x 2.7" (7.4 x 6.9 cm)	2.9 x 2.7" (7.4 x 6.9 cm)	2.9 x 2.7" (7.4 x 6.9 cm)	2.9 x 2.7" (7.4 x 6.9 cm)	3 x 3 x 3.2" (7.6 x 7.6 x 8.1 cm)
Head Weight	0.8 lb (0.4 kg)	0.8 lb (0.4 kg)	0.8 lb (0.4 kg)	0.8 lb (0.4 kg)	1.3 lb (0.6 kg)
Other Kit Components	200 Watt Second Next generation Power Pack- Xtra Fast 800 W/S Flash Head - UV, Coiled Cord Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	400 Watt Second Next generation Power Pack - Xtra Fast Recycle 800 W/S Flash Head - UV, Coiled Cord Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	200 Watt Second Next generation Power Pack- Xtra Fast 800 W/S Flash Head - UV, Coiled Cord Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	400 Watt Second Action Power Pack - Xtra Short Flash Duration, Xtra Fast Recycle 2400 W/S Flash Head with modeling Light - UV, Coiled Cord Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	P2BX - Signature Series 200 Watt/Second Basic Xtra Fast Power Supply HEBC - Signature Series 800 Watt/Second TTL Basic Lamp head Sync Cord - m PC to Household Coiled 7' Head to Power Pack Extension Cord - Coiled Medium Battery with Pepi CQ1Z International Quick Charger

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	Lumedyne Signature Series Basic ZK44	Lumedyne Signature Series Deluxe ZK26	Lumedyne Signature Series Deluxe ZK46	Norman A200C
Power Pack maximum Output	400 Ws	200 Ws	400 Ws	200 Ws
Guide No. at ISO 100	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Power Control	7 steps, full to 1/64	7 steps, full to 1/64	7 steps, full to 1/64	3 steps, full to 1/4
Full Power Recycle Time	2.5 sec	1.3 sec	2.5 sec	1.5 sec
Full Power Flashes Per Charge	100	200	100	Over 190
Battery Type	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	NiCad
Battery Dimensions	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	2.2 x 3.0 x 7.0" (5.6 x 7.6 x 17.8 cm)	Not specified by manufacturer
Battery Weight	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)	2.5 lb (1.1 kg)	Not specified by manufacturer
Flash Connection Ports	2 ports	2 ports	2 ports	1 port
Power Pack Dimensions	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	8.1 x 4.75 x 2.25" (20.6 x 12.1 x 5.7 cm)
Power Pack Weight	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	3.75 lb (1.7 kg)
Head Type	Flash head	Flash head	Flash head	Flash head
Total Power	800 Ws UV flash tube	800 Ws UV flash tube	800 Ws UV flash tube	200 Ws flash tube
Power Control	N/A	N/A	N/A	N/A
Recycle Time	N/A	N/A	N/A	N/A
Average Power Consumption	N/A	N/A	N/A	N/A
Flash Consistency	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Duration (Sec.)	1/25,600 to 1/400	1/25,600 to 1/400	1/25,600 to 1/400	1/900 to 1/3600
Sync Voltage	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	12 VDC
Color Temperature	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Modeling Light	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Optional
Lighting Angle	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Dimensions	3 x 3 x 3.2" (7.6 x 7.6 x 8.1 cm)	3 x 3 x 3.2" (7.6 x 7.6 x 8.1 cm)	3 x 3 x 3.2" (7.6 x 7.6 x 8.1 cm)	Not specified by manufacturer
Head Weight	1.3 lb (0.6 kg)	1.3 lb (0.6 kg)	1.3 lb (0.6 kg)	Not specified by manufacturer
Other Kit Components	P4BX - Signature Series 400 Watt/Second Basic Xtra Fast Power Supply HEBC - Signature Series 800 Watt/Second TTL Basic Lamp head 7' Head to Power Pack Extension Cord - Coiled Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	P2LX - Signature Series 200 Watt/Second Deluxe Xtra Fast Power Supply Signature Series 800 W/S Flash Head - Requires m TTL module 7' Head to Power Pack Extension Cord - Coiled Sync Cord - m PC to Household Coiled Medium Battery with Pepi CQ1Z International Quick Charger	P4LX - Signature Series 400 Watt/Second Deluxe Xtra Fast Power Supply Signature Series 800 W/S Flash Head - Requires m TTL module 7' Head to Power Pack Extension Cord - Coiled Medium Battery with Pepi Sync Cord - m PC to Household Coiled CQ1Z International Quick Charger	812220 UV Lamp head 810701 5 Inch Standard Reflector 810830 P200C 200 Watt/Second Power Pack 812866 NiCad Battery for 200C 812584 Super Dual Charger with R5002 Cable Sync Cord Shoulder Strap

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	Norman A400B	Photoflex TritonFlash Lithium Strobe Kit	Quantum Instruments Qflash T5D-R TTL Flash w(Turbo 3 Rechargeable Battery Kit	Quantum Instruments Digital Flash Kit	Quantum Instruments David Ziser Make Your Lighting Exciting Kit
Power Pack maximum Output	400 Ws	300 Ws	150 Ws	150 Ws	150 Ws
Guide No. at ISO 100	Not specified by manufacturer	Not specified by manufacturer	160' (50 m)	160' (50 m)	160' (50 m)
Power Control	4 steps, full to 1/16	7 steps, full to 1/64	N/A	N/A	N/A
Full Power Recycle Time	3.0 sec	3.0 sec	1.9 sec	1.9 sec	1.9 sec
Full Power Flashes Per Charge	Over 190	750	600	600	600
Battery Type	NiCad	Lithium-ion	NiMH	NiMH	NiMH
Battery Dimensions	Not specified by manufacturer	1.7 x 3.1 x 4" (4.3 x 8 x 10.2 cm)	5.9 x 4 x 1.75" (15 x 10 x 4.5 cm)	5.9 x 4 x 1.75" (15 x 10 x 4.5 cm)	5.9 x 4 x 1.75" (15 x 10 x 4.5 cm)
Battery Weight	Not specified by manufacturer	1.5 lb (0.5 kg)	2 lb (0.9 kg)	2 lb (0.9 kg)	2 lb (0.9 kg)
Flash Connection Ports	1 port	2 ports	2 ports	2 ports	2 ports
Power Pack Dimensions	10.5 x 5.25 x 3.25" (26.7 x 13.3 x 8.25 cm)	1.7 x 3 x 4" (4.3 x 7.5 x 10.2 cm)	N/A	N/A	N/A
Power Pack Weight	6 lb (2.7 kg)	0.65 lb (0.3 kg)	N/A	N/A	N/A
Head Type	Flash head	Flash head	Bracket-mounted flash	Bracket-mounted flash	Bracket-mounted flash
Total Power	400 Ws flash tube	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Power Control	N/A	N/A	7 steps, full to 1/64	7 steps, full to 1/64	7 steps, full to 1/64
Recycle Time	N/A	N/A	1.9 sec	1.9 sec	1.9 sec
Average Power Consumption	N/A	N/A	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Consistency	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Flash Duration (Sec.)	1/900 to 1/3600	1/3200 to 1/8600	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Sync Voltage	5VDC	5 VDC	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Color Temperature	Not specified by manufacturer	5500°K	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Modeling Light	Optional	12 V, 35 W T4-type halogen	Yes	Yes	Yes
Lighting Angle	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer	Not specified by manufacturer
Head Dimensions	Not specified by manufacturer	Not specified by manufacturer	6 x 6 x 3" (15 x 15 x 7.5 cm)	6 x 6 x 3" (15 x 15 x 7.5 cm)	6 x 6 x 3" (15 x 15 x 7.5 cm)
Head Weight	Not specified by manufacturer	Not specified by manufacturer	1.6 lb (0.7 kg)	1.6 lb (0.7 kg)	1.6 lb (0.7 kg)
Other Kit Components	LH2KM UV Flash Head 810704 Standard Reflector with modeling Lamp 810830 P200C 200 Watt/Second Power Pack 812866 NiCad Battery for 200C 812584 Super Dual Charger with R5002 Cable Shoulder Strap	LH2KM UV Flash Head 810704 Standard Reflector with modeling Lamp 810830 P200C 200 Watt/Second Power Pack 812866 NiCad Battery for 200C 812584 Super Dual Charger with R5002 Cable Shoulder Strap	Qflash model T5D-R Turbo 3 Rechargeable Battery	Qflash model T5D-R Turbo 3 Rechargeable Battery Impact - Air-cushioned Light Stand (Black, 8') Impact - Umbrella Bracket Pole mounting Clamp for Battery packs Photogenic - Umbrella, White - 45" with Removable Black Cover	Qflash model T5D-R Turbo 3 Rechargeable Battery FW9T FreeXwire Digital Transmitter FreeXwire 7Q Compact Wireless Digital TTL Receiver Manfrotto - 681B 3 Section monopod (Black) - Supports 26.5 lb (12kg) Manfrotto - 026 Swivel Umbrella Adapter (Lite-Tite)