



— PRODUCT DATA SHEET

i18R



i18R

SPECIFICATIONS

TIMELINE

Earliest launch of sales	17-10-2017
Global launch date	17-10-2017
Earliest Shipping date	15-09-2017
Order date	25-07-2017

TECHNICAL DATA

Length defocused [mm]	171
Length focused [mm]	178
Head diameter [mm]	86
Tube diameter [mm]	47
Weight incl. batteries [g]	620
Weight without batteries [g]	470
Focus function	Yes
Head material	Aluminum alloy
Tube material	Aluminum alloy
Optic	Plastic lense (PMMA)
Cartridge	No

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	3x18650 Battery Pack 3.7V
Total battery voltage [V]	3.7
Total battery capacity [mAh]	10200
Total battery energy ² [Wh]	37.74
Rechargeable	Yes
Charging time ⁵ [min]	480
Charging technology	Internal
Energy modes	Constant Current, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator

FURTHER SPECIFICATIONS

IP class	IPX4
Drop test (drop height) [m]	1
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Power, Mid Power, Low Power, Strobe

LIGHT SOURCE

Amount LEDs	3
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	65

LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]		3000	600	30
Beam distance ¹ [m]		540	260	80
Run time ¹ [h]		5	9	96

SWITCH

Front Switch

FEATURES

Transportation lock

TECHNOLOGIES

Advanced Focus System³, Temperature Control System, Rapid Focus, X-Lens Technology, Smart Light Technology


7
YEAR
WARRANTY⁴

i18R

ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Color filter / Signal caps	501507	Color Filter Blue 85.5mm
Color filter / Signal caps	501508	Color Filter Red 85.5mm
Color filter / Signal caps	501509	Color Filter Green 85.5mm
Color filter / Signal caps	501510	Color Filter Yellow 85.5mm
Charger / Cable	0386	Car Charger