

Yato | Code YT-08490 | Sku 1008490

Headlamp for Colour Matching CRI96+



Overview

The Yato YT-08490 headlamp features a very high colour rendering index of CRI96+, accurately reproducing natural daylight conditions. It is ideal for matching paint colours and shades — for example in automotive, construction, and hobby applications. The lamp is powered by a 1500 mAh lithium-ion battery providing up to 3 hours of runtime. A built-in motion sensor allows hands-free on/off switching by waving a hand in front of the sensor. Three colour temperature modes (2700 K, 4500 K, 6500 K) are selectable to suit different working conditions. The housing is made from aluminium, ABS and TPE rubber, with a polycarbonate diffuser. The headband is elastic, adjustable and breathable with a non-slip strip. The light angle is adjustable up to 60°. An LED battery indicator shows charging status (red = charging, green = fully charged). Rated IP65 (dust-tight, protected against water spray at 12.5 l/min from any direction) and IK07 (impact resistance of 2 J per EN 62262 / IEC 62262:2002). Allows easy detection of minor paint defects such as staining, holograms or burn marks. Includes a 1 m USB charging cable.

Key Technical Specifications

Zoom	no
Magnet	no
Switch	yes
LED Type	COB LED
Functions	Colour selection in paint and automotive workshops or on construction sites; motion-sensor mode for hands-free on/off switching
Dimensions	78.5 x 47.5 x 45 mm
Light Angle	max. 60°
SOS Whistle	no
Battery Type	Li-Ion
Charger Type	USB
Working Time	3 h

Charging Time	3 h
Light Control	yes
Luminous Flux	160 lm
Motion Sensor	yes
Battery Voltage	3.7 V DC
Diffuser Colour	Transparent
Adjustable Strap	yes
Battery Capacity	1500 mAh
Housing Material	Aluminium, ABS, TPE
Protection Grade	IP65
Diffuser Material	Polycarbonate
Colour Temperature	2700, 4500, 6500 K
Mechanical Strength	IK07
Operating Temperature	-10 °C to 40 °C
Charge Level Indicator	yes
Weight (with headband)	113 g
Colour Rendering Index (CRI Ra)	96

Key Points

- Colour rendering index CRI96+ for accurate colour matching under natural-daylight conditions
- Three selectable colour temperatures: 2700 K, 4500 K and 6500 K
- 160 lm luminous flux via COB LED
- Hands-free motion sensor for on/off switching without touching the lamp
- 1500 mAh Li-Ion battery — up to 3 h runtime, 3 h charging via USB
- Light angle adjustable up to 60°
- IP65 dust-tight and water-spray protection; IK07 mechanical impact resistance (2 J)
- Lightweight aluminium/ABS/TPE housing with polycarbonate diffuser; 113 g with headband
- LED battery charge indicator (red = charging, green = charged)
- Ideal for paint and automotive workshops, construction sites and hobby use

Warnings

- IP65 rating provides protection against water spray but the lamp is not suitable for submersion
- Operating temperature range: -10 °C to 40 °C — do not use outside this range
- IK07 impact resistance (2 J) — avoid heavy mechanical impacts beyond this rating
- Charge using the supplied 1 m USB cable only