



HAYWARD®



CE

EAC

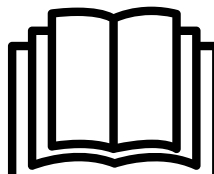
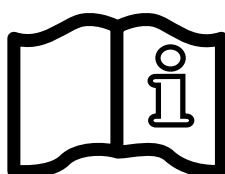


UK
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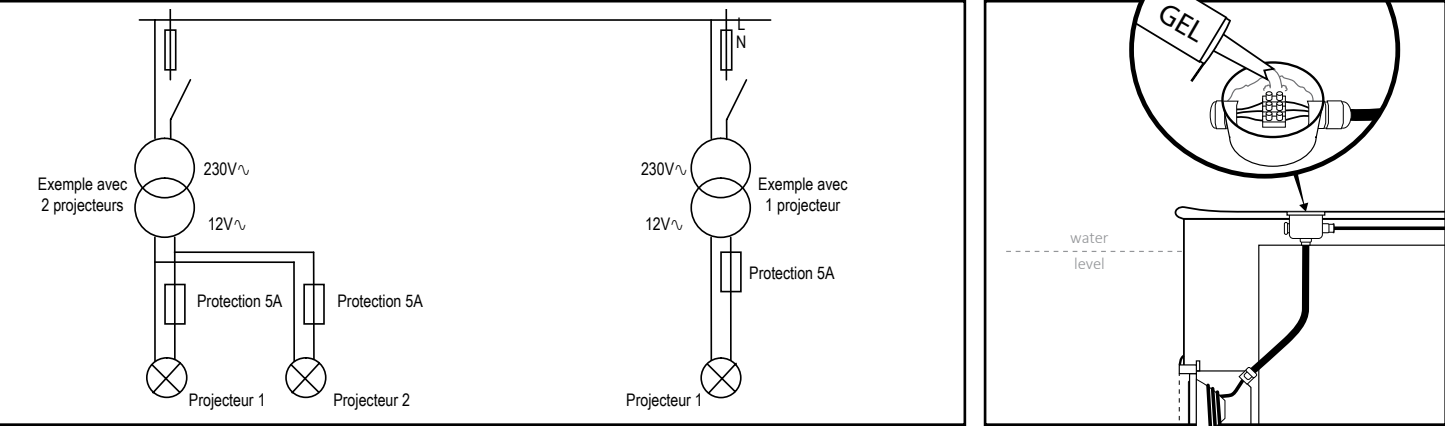
REACH
Compliant

RoHS
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IP68



OWNER'S MANUAL



GUIDE D'UTILISATION : PROJECTEUR LED COULEUR RVB UNIQUEMENT

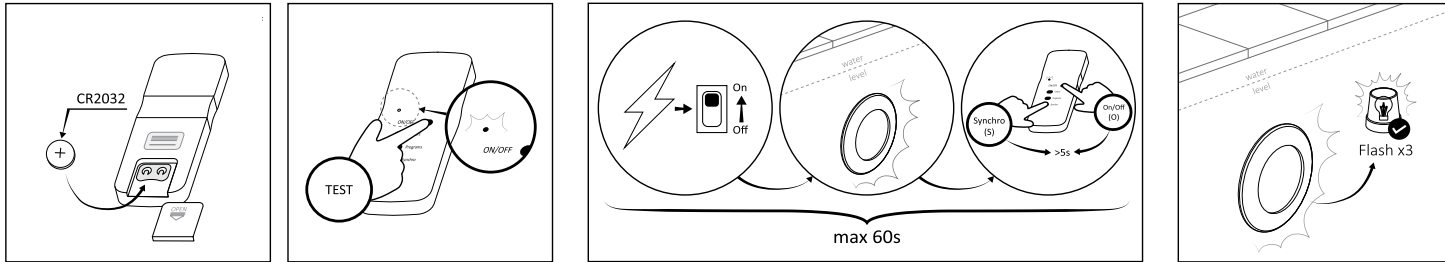
Le système propose 16 programmes avec 11 couleurs fixes et 5 ambiances automatiques. Le contrôle s’effectue manuellement via la télécommande radio (433 MHz) ou par coupure du courant. Chaque coupure rapide (moins de 3 secondes) fait passer au programme suivant. Après une coupure de plus de 15 secondes, la lampe conservera le dernier programme utilisé.

Synchronisation des luminaires (installation multiple) : OFF >20s + ON 3-5s + OFF 3-5s + ON.

L’utilisation de la télécommande nécessite un positionnement face à la lampe à une distance maxi de 10 mètres. La présence de métal à proximité du projecteur ou une immersion trop profonde peut restreindre l’utilisation de la télécommande à une distance très courte (1 à 2 mètres).

La première utilisation de la télécommande nécessite un paramétrage avec son récepteur, intégré dans le système.

PARAMÉTRAGE DE LA TÉLÉCOMMANDE :



- On/Off (O) : Marche/Mise en veille
- Colors (C): accès aux 11 couleurs fixes
- Programs (P) : accès aux 5 ambiances
- Synchro (S) : synchronisation des luminaires (installation multiple)

Pile non incluse. Directive 2006/66/CE non applicable.

MAINTENANCE :

Le remplacement de pièces doit être effectué avec des pièces d’origine.

Le remplacement de l’ampoule doit être fait hors de l’eau.

La source lumineuse contenue dans ce luminaire ne doit être remplacée que par le fabricant ou son agent de maintenance ou une personne de qualification équivalente.

Lors d’un changement d’ampoule et/ou du câble, il est préconisé de changer la totalité des pièces assurant l’étanchéité.

Lors du remplacement de l’ampoule, il faut remplacer également le joint et les éléments d’étanchéité en veillant à leur bon positionnement.

En cas de panne, il est nécessaire de remplacer l’ampoule LED complète. Ne pas ouvrir ou tenter de réparer l’ampoule.

Si le cordon d’alimentation ou la gaine est endommagé, ils doivent être remplacés par le fabricant, un Centre Service Agréé ou un technicien qualifié afin d’éviter tout accident.

Le câble doit respecter les exigences mécaniques et électriques suivantes : H05RN-F de section minimale 2x1,5mm².

TRAITEMENT DES AMPOULES ET TÉLÉCOMMANDE EN FIN DE VIE :

Le symbole "poubelle rayée" indique la collecte sélective des appareils électriques ou électroniques. Cela implique que ces appareils et leurs déchets ne doivent pas être jetés avec les déchets ménagers mais être déposés dans des lieux de collecte sélective. Pour plus d’informations, adressez-vous à votre mairie ou au distributeur auprès duquel le produit a été acheté. L’élimination conforme des appareils électriques et électroniques aide à prévenir les atteintes à l’environnement et à la santé humaine ainsi qu’à préserver les ressources naturelles.



DANGER: Electrical danger. Non-compliance with the following instructions may lead to serious injury or danger of death.
DEVICE DESIGNED FOR USE IN POOLS.

⚠ WARNING – Carefully read the instructions in this manual and those on the device. Non-compliance with the instructions may result in injury.

⚠ WARNING – This document must be given to all pool users, who should keep it in a safe place.

⚠ WARNING – Always turn off power to the device before handling the electrical installation.

⚠ WARNING – This device is not intended for use by those with reduced physical, sensory or intellectual capacities (in particular children) or by those who do not have the suitable experience or knowledge, unless they are supervised or have received instructions in how to use the device by the person responsible for their safety.

⚠ WARNING – Device installation must be performed in accordance with international standard: IEC 60364-7-702: LOW-VOLTAGE ELECTRICAL INSTALLATIONS. REQUIREMENTS FOR SPECIAL INSTALLATIONS OR LOCATIONS. SWIMMING POOLS AND FOUNTAINS.

⚠ WARNING – Any electrical installation must be carried out according to standard practice and in compliance with the applicable regulations.

F	NF C 15-100	GB	BS7671:1992
D	DIN VDE 0100-702	EW	EVHS-HD 384-7-702
A	ÖVE 8001-4-702	H	MSZ 2364-702:1994 / MSZ 10-533 1/1990
E	UNE 20460-7-702 1993, REBT ITC-BT-31 2002	M	MSA HD 384-7-702.S2
IRL	IS HD 384-7-702	PL	PN-IEC 60364-7-702:1999
I	CEI 64-8/7	CZ	CSN 33 2000 7-702
LUX	384-7.702 S2	SK	STN 33 2000-7-702
NL	NEN 1010-7-702	SLO	SIST HD 384-7-702.S2
P	RSIUEE	TR	TS IEC 60364-7-702

⚠ WARNING – Ensure that children cannot play with the device. When handling it, keep your fingers away from the openings and moving parts, and make sure no foreign objects enter the device.

⚠ WARNING – Only use genuine Hayward spare parts.

⚠ WARNING – If the power cable is damaged, to eliminate danger it must be replaced by the manufacturer, their maintenance agent or by a person with an equivalent qualification (see paragraph below: maintenance).

⚠ WARNING – Only operate the spotlight when it is submerged underwater.

⚠ WARNING – Only use with a double insulated, safety transformer or power supply.

⚠ WARNING – It may be necessary to ask the opinion of a qualified person regarding the installation.

⚠ WARNING – The junction box is not supplied.

Reference	3478PLDBL3	3481	3481	3481	3481	3478	3481	3481	3481	3481
	3478PLDBL3-5C	PLDBL3	PLDBL3DGR	PLDBL3LG	PLDBL3SA	LDRGB3	LDRGB3	LDRGB3DGR	LDRGB3LG	LDRGB3SA
Consumption in W	13 W					16 W				
Power supply	12 VAC / 20 VDC									
No. of LEDs	60					90				
Lumens	1450					600				
Kelvin	6500					-				
White / RGB	Cool white					RGB				
LED Technology	CrystaLogic					ColorLogic				
Application	Concrete	Liner / Fibreglass				Concrete	Liner / Fibreglass			
Face ring colour	White	White	Dark grey	Light grey	Sand	White	White	Dark grey	Light grey	Sand
Plastic casing	Niche + ABS Ring = Cofies									
Fastening method	Clip									
Radio frequency	No					Yes				
Radio frequency remote control	-					No				
Energy Efficiency	This light comprises one ALP01 light source of energy class D. 					The regulations EU2019/2015 and EU2019/2020 do not apply to this RGB light.				

INSTALLATION GUIDE: LED SPOTLIGHT

Description of spotlight and prerequisites for installation:
The spotlight is class III, and IP68 rated at 1m. The bulb has a very low safety supply voltage of 12 VAC or 20 VDC. The spotlight must point away from the house or patio to prevent intrusive light levels. The spotlight must be positioned no more than 60 cm below the coping (distance measured from the axis of the bulb). The spotlight niche has two 3/4" outlets. The outlet at the back is generally used for masonry pools and the lateral outlet for fibreglass or panel pools. Cable of sufficient length must be left during installation to allow for the bulb to be replaced out of the water at a later date.

- MASONRY STRUCTURE WITH LINER:
- Place the protective paper on the front of the niche.
 - Position the spotlight niche, ensuring that the lateral niche hole is vertical. Seal the niche into the masonry and apply the finish coating until it is flush with the front edge of the niche.
 - Block the unused exit with the stopper.
 - Install the seal on the front of the spotlight niche.
 - Place the seal on the mounting flange for liner pools.
 - Fix the mounting flange for liner pools in place after installing the liner.
 - Cut out the liner.

- FIBREGLASS/PANEL STRUCTURE WITH LINER:
- Use the template to drill through the fibreglass/ panel.
 - Insert the spotlight niche from inside the pool. Install the foam, then screw the niche to the fibreglass or panel, ensuring that the ridges on the niche are horizontal.
 - Waterproof the fibreglass/liner and the cable conduit and install the spotlight optical system as described for a masonry structure with liner.

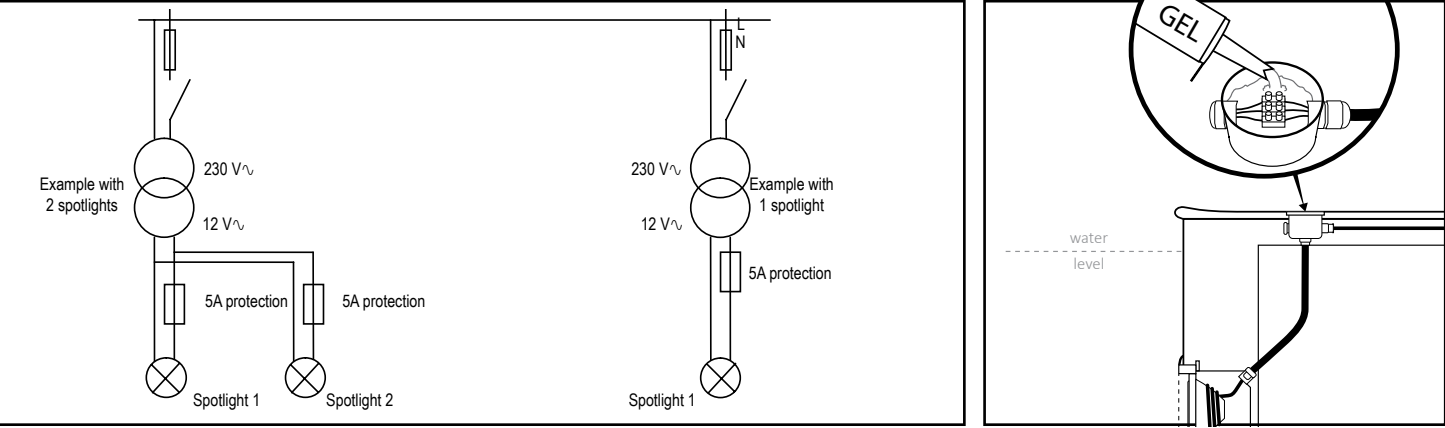
- MASONRY STRUCTURE WITHOUT LINER:
- Seal the spotlight niche into the masonry, ensuring that the front part of the niche is set back so that the finish coating or tiling can be installed.
 - Waterproof the cable conduit and install the spotlight optical system as described for a masonry structure with liner.

- INSTALLATION OF THE BULB:
- Pass the bulb cable through the bulb housing cable gland. Take care - the 30° bevelled edge of the seal must face the cable gland.
 - Feed the bulb cable through the conduit up to the junction box, ensuring the bulb cable passes through the niche cable gland. Take care - the 30° bevelled edge of the seal must face the cable gland.
 - Make the point where the cable passes through the niche cable gland watertight.
 - Coil the excess cable around the optical system and hold it in front of the niche.
 - Embed the spotlight optical system into the niche by anchoring the wings in the ridges.

TRANSFORMER POWER:

The transformer used must have a secondary output voltage of 12V (12.5V for some models). The power must be appropriate for the power of the spotlight(s) that will be connected (minimum power = 23VA for a white bulb and 28VA for an RGB bulb). In all cases, the sum of the spotlight powers must remain less than or equal to the transformer power. Each spotlight must have a separate protection. 5A and 6A fuses or circuit breakers must be used to provide protection on the secondary circuit of the transformer (see diagram below).

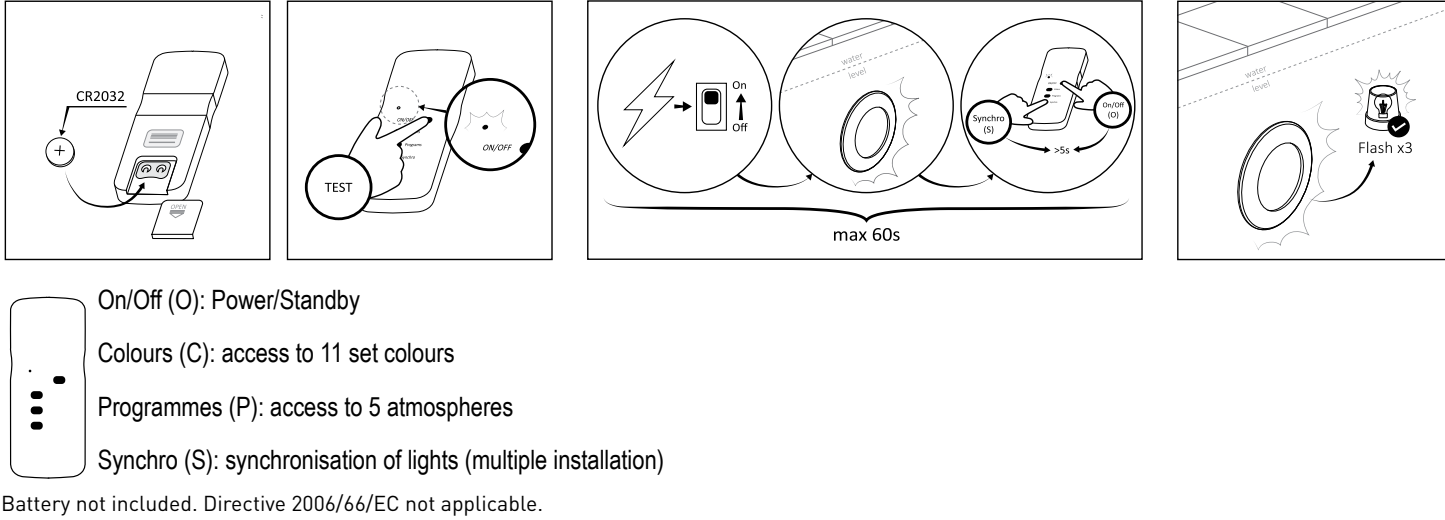
Only use Hayward® spare parts



USER GUIDE: LED SPOTLIGHT RGB COLOUR ONLY

The system offers 16 programmes with 11 set colours and 5 automatic atmospheres. It can be controlled manually, either by remote control (433 MHz) or by power interruption. When the power is interrupted for a short time (less than 3 seconds), the system changes to the following programme. When the power is interrupted for more than 15 seconds, the light will stay on the last programme used. Synchronisation of lights (multiple installation): OFF >20s + ON 3-5s + OFF 3-5s + ON. The remote control can be used when facing the lamp, at a maximum distance of 10 metres. If metal is present near the spotlight or if its depth is too great, the use of the remote control can be restricted to a very short distance (1 to 2 metres). For first use, the remote control must be paired with the receiver integrated into the system.

CONFIGURATION OF THE REMOTE CONTROL:



Battery not included. Directive 2006/66/EC not applicable.

MAINTENANCE:

Genuine Hayward spare parts must be used for part replacements. The bulb must be replaced out of the water. Replacement of the light source in this light must only be performed by the manufacturer, their maintenance agent or by a person with an equivalent qualification. When the bulb and/or cable is changed, it is recommended that all parts making the device watertight are changed at the same time. The seal and parts making the device watertight must be replaced when the bulb is replaced. Take care to ensure they are installed correctly. If the device stops working, the entire LED bulb must be replaced. Do not open or attempt to repair this. If the supply cable or its sheath is damaged, to avoid an accident they must be replaced by the manufacturer, an Accredited Service Centre or a qualified technician. The cable must comply with the following mechanical and electrical requirements: H05RN-F with a minimum cross-section of 2x1.5mm².

END-OF-LIFE DISPOSAL OF BULBS AND REMOTE CONTROL:

The crossed-out bin symbol indicates selective collection of electrical or electronic devices. This means that these devices and their waste must not be disposed of with household waste but instead must be taken to waste sorting centres. For more information, contact your town hall or the distributor that you bought the product from. Disposal of electrical and electronic devices in the correct manner helps to avoid potential damage to the environment and human health, and to conserve natural resources.



Only use Hayward® spare parts