INSTALLATION INSTRUCTIONS -
NOTICE D'INSTALLATION -
NOTICIA DE INSTALACIÓN -
INSTALLATIONSHINWEISE -
ISTRUZIONI PER L'INSTALLAZIONE
- INSTRUCOES DE INSTALACAO -
MONTÁŽNÍ NÁVOD -
РУКОВОДСТВО ПО МОНТАЖУ -
安装指导书

O-PRT-00002-OFC_D

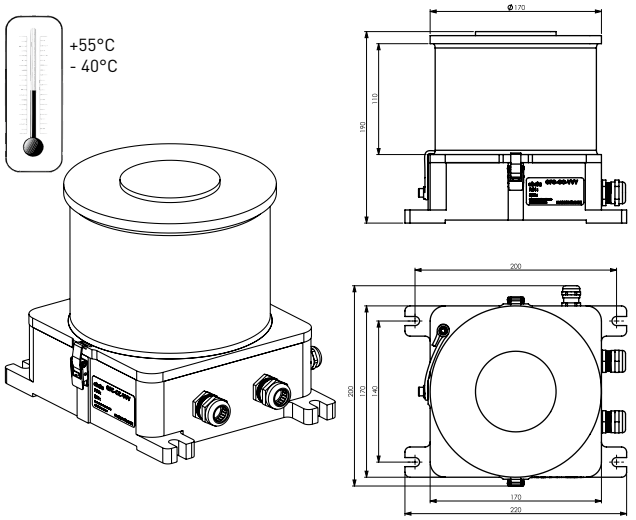
Technical Data

		P/N							
		113790RR-048	113790RR-048-R	113790RR-048-G	113790RR-048-RG	113790RR-240	113790RR-240-R	113790RR-240-G	113790RR-240-RG
Designation	OFC - RR - XXX - RG OPTION: - : no option; R : with photocensor; G : with GPS XXX: 048 : 48Vdc; 240 : 110-240Vac input voltage								
Input voltage	48Vdc +15%/-10 %	•	•	•	•				
	110-240Vac +/-10 %					•	•	•	•
Connexion	By terminal connexion : 6mm² max for power supply, 1.5mm² max for control	all							
Optional interface	Built-in photocensor → see note 1 (A)		•		•		•		•
	Built-in GPS → see note 3 (B)			•	•			•	•
synchronisation by wire of 2 or more lights	See page 2	all							
Attachment	By 4 M8 screws	all							
Alarm conditions	- Power supply failure	all							
	- Lamp failure	all							

Setting of dip switches

Switch #	Default value		Function	Comment
	ON	OFF		
1	X		Normal / Reset	Switch to reset the light and alarm (to be used only for maintenance)
2	X		Master / Slave	Master mode (default mode): In slave mode (to be used for synchronization), the light waits for the signals coming from the master light
3-4		X	Test switches	Keep them always OFF
5-12	-	-	Factory setting of the light	See p.2

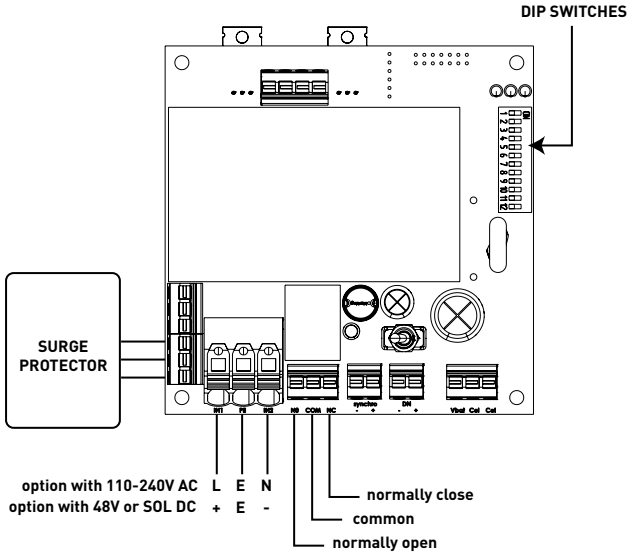
Obstaflash compact OFC



The light assembly fixture must be mounted "upright" (as illustrated) to meet the optical specification required for Aircraft Obstruction lights. When mounted in other position, the fixture will not be considered as an Aircraft Obstruction lights

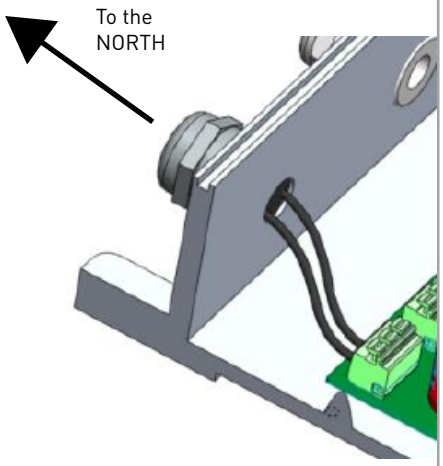
Wiring of power supply + alarm

Same diagram for all model



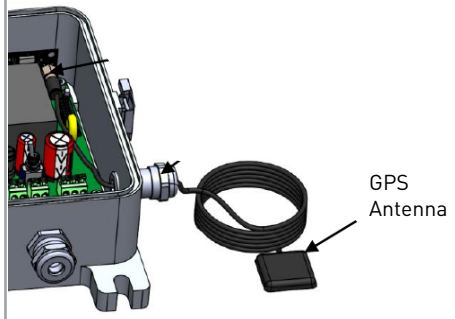
A Option with R or -RG

+ Photocensor to be « North oriented in the North hemisphere »



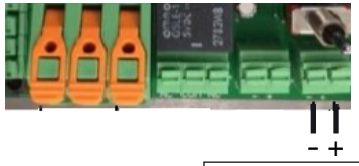
B Option with G or -RG

+ GPS antenna with magnet to be fixed outside and unmasked



Option with external day/night entry

Configuration:
5, 9, 69,70,71



48V : night mode
or
0V : Day mode

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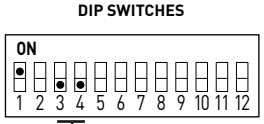
Synchronisation of 2 or more lights by shieded cable

Warning : the mode of your OFC (L-864 mode, medium intensity type B mode, medium intensity red steady mode etc.) depends on factory settings.



Master mode — ON, 1 2 — **Master unit:** *setting of dip-switch n°2 « ON »

Slave mode — ON, 1 2 — **Slave units:** setting of dip-switch n°2 « OFF »

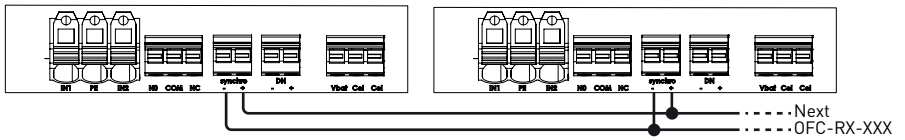
Main configurations

Configuration number	Positions of the dipswitches (5-6-7-8-9-10-11-12)	Interface required	operation	type
4	00100000	-	day and night operation	medium intensity type C (fixed mode)
5	10100000	-	night only operation through external 48 Vdc entry	
6	01100000	(R)	night only operation through the photocensor	
7	11100000	(R)	night only operation through the photocensor	medium intensity type B (minimum ICAO requirement at 20 flashes per minute)
8	00010000	(RG)	flash synchronisation through the gps + night only operation through the photocensor	
9	10010000	(G)	flash synchronisation through the gps + night only operation through external 48 Vdc entry	
10	01010000	-	day and night operation	
71	11100010	-	night only operation through external 48 Vdc entry	
38	01100100	(R)	night only operation through the photocensor	medium intensity type B (30 flashes per minute)
39	11100100	(G)	flash synchronisation + night only operation through the GPS	
40	00010100	-	Day and night operation	
41	10010100	(G)	Flash synchronisation through the gps + day and night operation,	
42	01010100	(RG)	flash synchronisation through the gps + night only operation through the photocensor	
69	10100010	-	night only operation through external 48Vdc entry	
70	01100010	(G)	flash synchronisation through the gps + night only operation through external 48Vdc entry	

Typical wiring with 2 or more lights

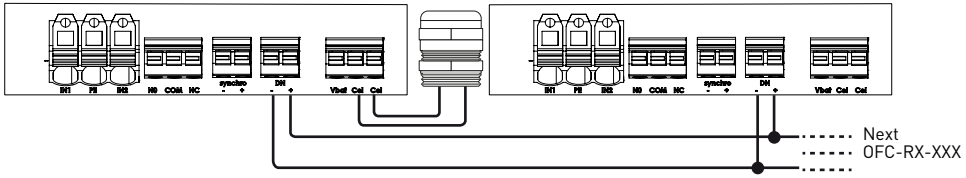
Flash synchronisation only (medium intensity type B)

MASTER LIGHT		SLAVE LIGHT(S)	
Interface	Configuration number	Interface	Configuration number
-	10	-	10
-	40	-	40
-	71	-	71
-	69	-	69



On-Off synchronisation only (medium intensity type B or C)

MASTER LIGHT		SLAVE LIGHT(S)	
Interface	Configuration number	Interface	Configuration number
R	6	-	5



Flash + On-Off synchronisation (medium intensity type B)

MASTER LIGHT		SLAVE LIGHT(S)	
Interface	Configuration number	Interface	Configuration number
R	7	-	71
RG	8	-	71
R	38	-	69
G	39	-	69
RG	42	-	69