



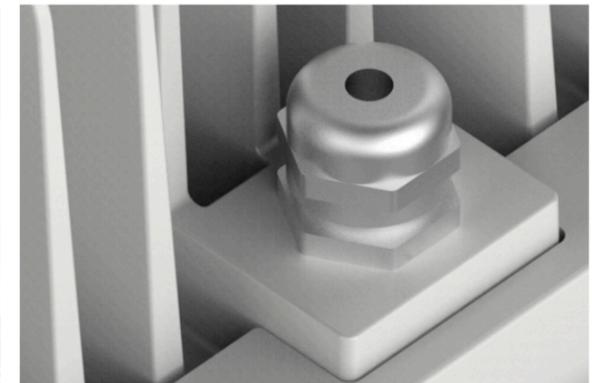
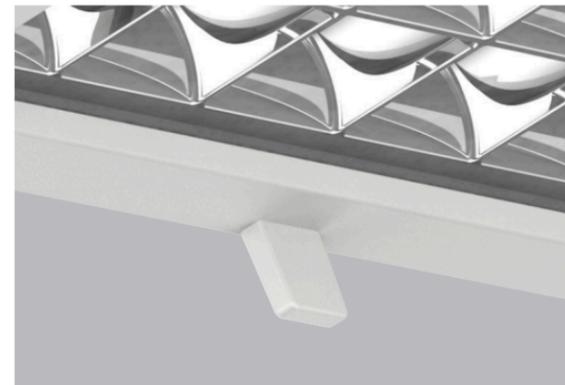
Spot apparent

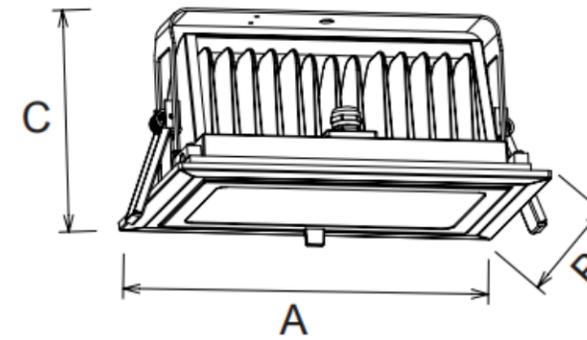
SOS-RD07

SOS-RD07 est unique grâce à son réflecteur en forme de persienne et à son design en verre tressé. Adopte une puce LED SMD à **haute luminosité** avec une sortie de lumière uniforme. Conception étanche IP65 pour diverses applications, en particulier pour les endroits humides. L'aluminium ADC12 moulé sous pression assure **une excellente dissipation thermique**. Rotation verticale de 70° avec un grand angle d'éclairage.

Caractéristiques

- Réflecteur à lamelles et modèle en verre tissé en option
- Efficacité lumineuse élevée, 120 lm/W pour le modèle en verre tissé
- Angle de rayonnement vertical réglable à 70
- Étanchéité IP65
- Pilote externe





Technical Data Sheet

Model No.	RD07A-32W	RD07A-42W	RD07B-32W	RD07B-42W		
Dimension(mm)	235*145*117.4					
Cutout (mm)	220*130					
Watt(W)	32W	42W	32W	42W		
Rated Input Voltage(V)	AC230V					
Input Voltage(V)	AC220-240V					
LED Module Input	DC33-38V					
Light Source	SMD					
SDCM	<6					
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch	YES					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	2750Lm-3150Lm	3350Lm-3900Lm	3850Lm-4200Lm	4650Lm-5100Lm
			DIM	2700Lm-3100Lm	3350Lm-3900Lm	3800Lm-4150Lm
	Non-DIM	3-CCT	2620Lm-3100Lm	3150Lm-3750Lm	3650Lm-4100Lm	4500Lm-5000Lm
			DIM	2600Lm-3050Lm	3150Lm-3750Lm	3600Lm-4050Lm
CRI	≥80					
Beam Angle (°)	70°(RD07A)		100°(RD07B)			
UGR	-					
LED Driver	Built-out					
Dimming Option	Triac/ DALI/ 0-10V					
Sensor	-					
Emergency Kits	-					
Electrical Class	Class II					
Ingress Protection (IP Rating)	IP20(with driver)/IP65(without driver)					
Impact Resistance (IK Rating)	-					
Product Finishing(Base)	White RAL 9016					
Materials of Optics	PC (RD07A)		AL (RD07B)			
Materials of Housing	PC/Aluminium					
Lifetime (hr)	50,000h					
Glow wire test (°C)	750°C					
Operating Temp. (°C)	-20°C~45°C					
Storage Temp. (°C)	-20°C~65°C					
Installation	Recessed					

Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
RD07A	235	145	117.4	235*145*117.4	1.77	1.96	10.6	13.3	59.5*29.5*36.5	6PCS	2376	5712
RD07B												

Driver Datasheet (Non-Dimmable)

Total load wattage		32W	42W
Output	Output Voltage range	DC28-40V	
	Rated output current	850mA	1050mA
	Line Regulation	±5%	±5%
	Setup, Rise Time	0.5S	0.5S
	Flickering Index	-	-
Input	Input Voltage	AC220-240V	
	Rated Input Voltage(V)	AC230V	
	Frequency	50Hz	
	Input Current	≤0.18A	≤0.23A
	Rated Input Current	0.16A	0.2A
	Power Factor	0.9	
	THD	<20%	
	Efficiency	≥84%	≥85%
	No load wattage	<1W	<1W
Protection	Short circuit protection	Pass	
	Over voltage protection	Pass	
	Over temperature protection	Pass	
Safety & EMC	Withstand voltage	I/P-O/P: 3.75KVac, <5mA 60S	
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω	
	Surge	IEC61000-4-5(L-N:1KV)	
	EMC Emission	EN55015, EN61000-3-2	
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

Driver Datasheet (Triac Dimmable)

Total load wattage		32W	42W
Output	Output Voltage range	DC28-40V	
	Rated output current	800mA	1050mA
	Line Regulation	±5%	±5%
	Setup, Rise Time	0.5S	0.5S
	Flickering Index	-	-
Input	Input Voltage	AC200-240V	
	Rated Input Voltage(V)	AC230V	
	Frequency	50Hz	
	Input Current	≤0.18A	≤0.24A
	Rated Input Current	0.16A	0.21A
	Power Factor	0.9	
	THD	<20%	
	Efficiency	≥85%	≥85%
	No load wattage	<1W	<1W
Protection	Short circuit protection	Pass	
	Over voltage protection	Pass	
	Over temperature protection	Pass	
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S	
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω	
	Surge	IEC61000-4-5(L-N:1KV)	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547	

Installation Procedure

WARNING ⚡

1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

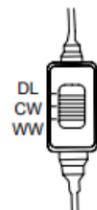


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

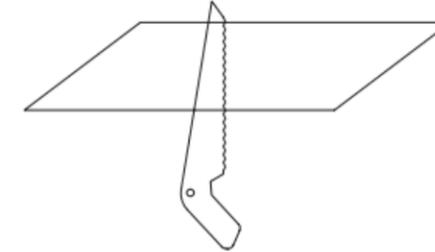
Recessed Installation

For the product with Slide Switch of Color Selection, please select the light color (DL/CW/WW) before installation.

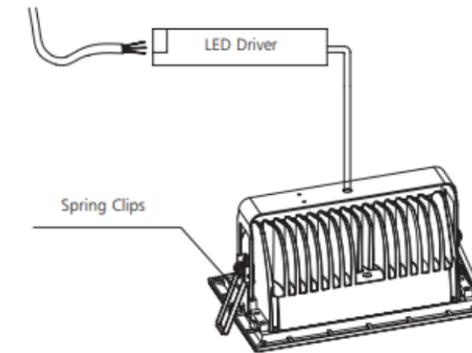
Slide switch for color selection



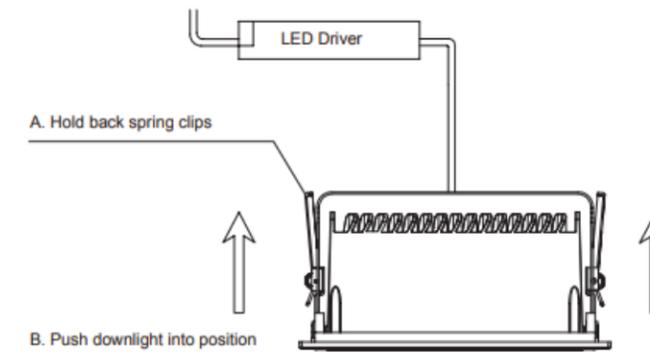
Step 1



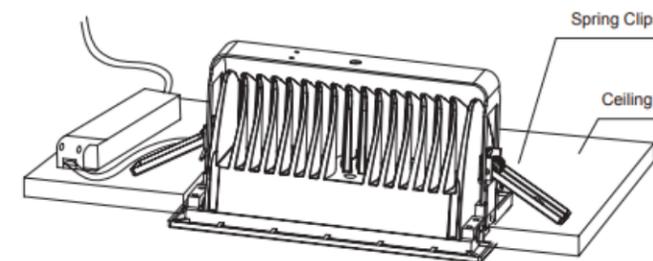
Step 2



Step 3



Step 4



Finish



SOS-LIGHT Sàrl
Route du Village 4a
1070 Puidoux
+41 21 946 25 50
info@sos-light.ch
www.sos-light.ch



*Étude, suivi et fourniture
de vos solutions d'éclairages standard et de secours*