

ORYN S

MODULAR ARCHITECTURAL RING LIGHTING SYSTEM SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

ORYN S is a modular architectural surface mount ring lighting system engineered for maximum design flexibility. Configurable curved segments enable quarter, half, three-quarter, full ring, and custom compositions, allowing the luminaire to adapt to a wide range of architectural concepts. Available in multiple profiles, diameters, finishes, and optical options, ORYN S combines clean aesthetics with high-performance illumination for contemporary interior spaces.

OVERVIEW

- Modular architectural ring lighting system
- Configurable as quarter, half, three-quarter, full-ring, and custom compositions
- Available in diameters from Ø450 mm to Ø7000 mm
- Multiple profile sizes with internal and external driver configurations
- High-performance LED with excellent visual comfort
- Available in multiple CCT (2700K–6500K) and CRI options (80/90)
- Supports Non-Dim, Triac, 1-10V, and DALI dimming protocols
- Suitable for dry location

PERFORMANCE

MODEL NAME	ORYN S
POWER CONSUMPTION(±10%)	Varies Based on Size
INPUT VOLTAGE	120-277V AC / 120-347V AC
EFFICACY	100Lm/W
DIMMING	Triac/1-10V/DALI
CCT	2700/3000/3500K/4000/6000/6500K
CRI	+80/+90
MOUNTING OPTION	Ceiling & Wall Surface
CONFIGURATION	Quarter / Half / Three-Quarter / Full Ring / Custom
FINISH	Powder Coating
FIXTURE COLOR	White/Black/Silver/Gold
COVER	Polycarbonat/Prismatic/Frosted Prismatic
APPLICATIONS	Indoors
CERTIFICATIONS	cETL Listed
WARRANTY	5 Years



SPECIFICATIONS

■ OPTICS

Multiple optical diffuser options—including Polycarbonate, Prismatic, and Frosted Prismatic—allow lighting performance to be tailored to the visual and functional requirements of each project.

■ ELECTRICAL

Voltage: 120-277V AC / 120-347V AC

■ ENVIRONMENT & CERTIFICATIONS

cETL listed for dry locations

■ WARRANTY

5 years limited warranty

■ MOUNTING

Ceiling surface and wall surface installation

■ FINISH

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

■ HOUSING MATERIAL

Extruded aluminum housing ensures durability and efficiency.

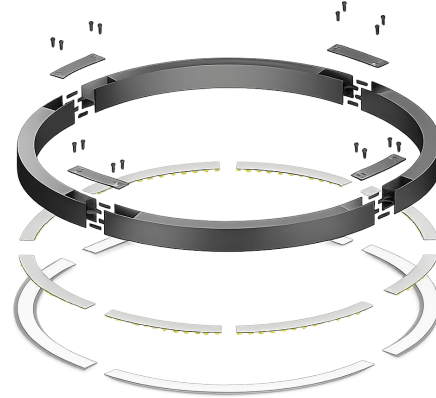
■ LED SYSTEM

CRI With +80 and +90 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in 2700K, 3000K, 3500K, 4000K, 6000K, 6500K with excellent color consistency.

MODULAR SYSTEM

ORYN S is a modular ring lighting system based on 90° curved segments. The system can be configured as quarter, half, three-quarter, full-ring, or custom arrangements to create endless lighting compositions.



SEGMENT OPTIONS



90°
Quarter Ring



180°
Half Ring



270°
Three Quarter Ring



360°
Full Ring

- Available in a wide range of standard diameters.
- A complete ring is assembled from four modular 90° segments.

SYSTEM CONFIGURATIONS



Single Rings
Create depth and hierarchy with multiple diameters.



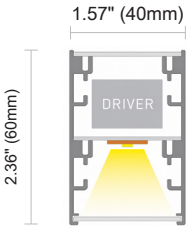
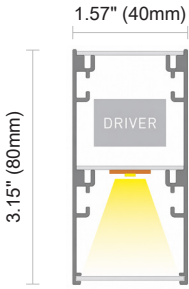
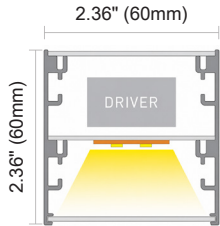
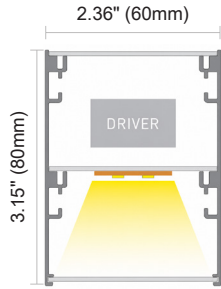
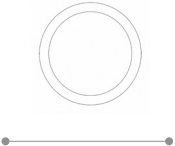
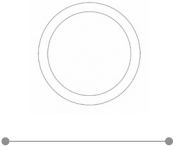
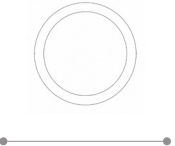
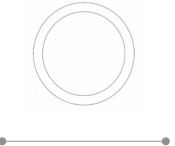
Mixed Compositions
Combine multiple rings to create coordinated ceiling compositions.



Custom Compositions
Combine curved segments to create project-specific architectural layouts.

For available diameters, profiles and ordering information please refer to the Ordering Guide.

PROFILE OPTIONS

ORYN S 4060	ORYN S 4080	ORYN S 6060	ORYN S 6080
CROSS SECTION 	CROSS SECTION 	CROSS SECTION 	CROSS SECTION 
PROFILE SIZE 1.57" x 2.36"	PROFILE SIZE 1.57" x 3.15"	PROFILE SIZE 2.36" x 2.36"	PROFILE SIZE 2.36" x 3.15"
DIAMETER RANGE  Ø17.72" - Ø277.16" (Ø450 - Ø7040mm)	DIAMETER RANGE  Ø17.72" - Ø277.16" (Ø450 - Ø7040mm)	DIAMETER RANGE  Ø17.72" - Ø277.95" (Ø450 - Ø7060mm)	DIAMETER RANGE  Ø17.72" - Ø277.95" (Ø450 - Ø7060mm)

Available diameter ranges vary by profile. Refer to the Ordering Guide for all standard sizes.

INSTALLATION OPTIONS



Ceiling Surface



Wall Surface

FINISHING COLOR



White



Black

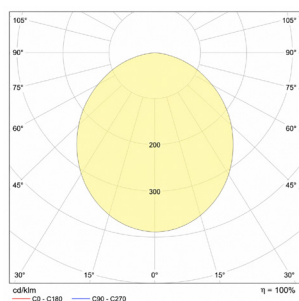


Silver



Gold

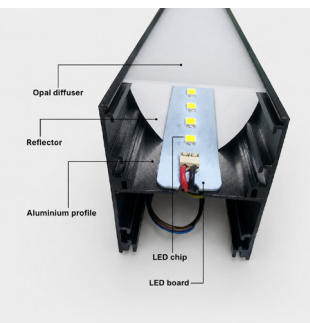
LIGHT DISTRIBUTION



SYSTEM CONSTRUCTION



CONSTRUCTION FEATURES



PCB Board

High-efficiency LED board for reliable performance.



Built-in Driver

Integrated driver compartment for easy maintenance.



Aluminum Profile

Precision extruded aluminum profile with powder-coated finish.

PRODUCT ORDERING GUIDE

EXAMPLE: ORYN S-FR-6060-45-20-CS-277-30K-90-T-B-DF

ORYN S	-FR	-6060	-45	-20	-CS	-277	-30K	-90	-T	-B	-DF
Series	Shape	Profile Size	Diameter	Wattage	Installation Option	Voltage	CCT	CRI	Dimming	Finish	Cover

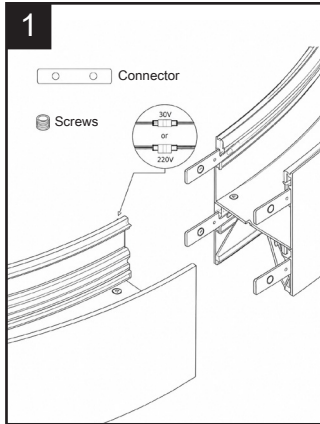
SERIES	SHAPE	PROFILE SIZE(mm) (WIDTH x HEIGHT)	DIAMETER ①	WATTAGE ②	INSTALLATION OPTION	VOLTAGE	CCT	CRI	DIMMING	FINISH	COVER
ORYN S	QR: Quarter Ring HR: Half Ring TQ: Three Quarter Ring FR: Full Ring	6060: 60x60 6080: 60x80	45: 17.72" (450mm)	20: 20W, 2000lm	CS: Ceiling Surface WS: Wall Surface	277: 120-277VAC 347: 120-347V AC	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K 60K: 6000K 65K: 6500K	80: >80 90: >90	T: Triac V: 1-10V D: Dali N: None	W: White B: Black S: Silver G: Gold	DF: Polycarbonat M1: Prismatic M2: Frosted Prismatic
			66: 25.98" (660mm)	30: 30W, 3000lm							
			78: 30.71" (780mm)	35: 35W, 3500lm							
			90: 35.43" (900mm)	40: 40W, 4000lm							
			108: 41.73" (1060mm)	50: 50W, 5000lm							
			120: 47.24" (1200mm)	60: 60W, 6000lm							
			153: 61.42" (1560mm)	80: 80W, 8000lm							
			186: 73.23" (1860mm)	110: 110W, 11000lm							
			206: 81.10" (2060mm)	120: 120W, 12000lm							
			248: 96.85" (2460mm)	150: 150W, 15000lm							
			306: 120.47" (3060mm)	180: 180W, 18000lm							
			406: 159.84" (4060mm)	240: 240W, 24000lm							
			506: 199.21" (5060mm)	320: 320W, 32000lm							
			606: 238.58" (6060mm)	360: 360W, 36000lm							
			706: 277.95" (7060mm)	480: 480W, 48000lm							
		4060: 40x60 4080: 40x80	45: 17.72" (450mm)	10: 10W, 1000lm							
			60: 23.62" (600mm)	15: 15W, 1500lm							
			74: 29.13" (740mm)	20: 20W, 2000lm							
			90: 35.43" (900mm)	25: 25W, 2500lm							
			100: 39.37" (1000mm)	30: 30W, 3000lm							
			120: 47.24" (1200mm)	35: 35W, 3500lm							
			154: 60.63" (1540mm)	40: 40W, 4000lm							
			184: 72.44" (1840mm)	55: 55W, 5500lm							
			204: 80.31" (2040mm)	60: 60W, 6000lm							
			244: 96.06" (2440mm)	75: 75W, 7500lm							
			304: 119.68" (3040mm)	90: 90W, 9000lm							
			404: 159.05" (4040mm)	120: 120W, 12000lm							
			504: 198.42" (5040mm)	160: 160W, 16000lm							
			604: 237.79" (6040mm)	180: 180W, 18000lm							
			704: 277.16" (7040mm)	240: 240W, 24000lm							

① Each diameter can only be ordered with the corresponding wattage indicated in the same row of the table.

② Listed wattages are for full-ring configurations only.

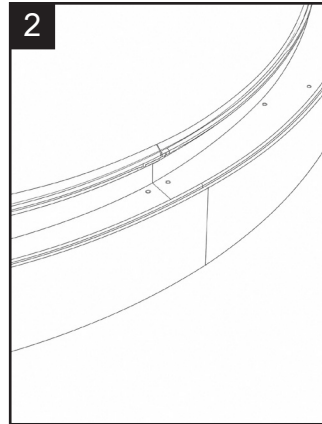
SEGMENT ASSEMBLY

1 PROFILE CONNECTION



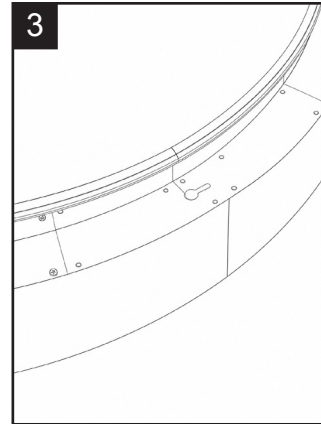
Step 1

Before fixed the profiles, connect the terminals of the wire first.



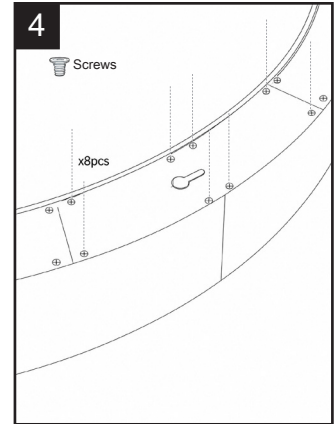
Step 2

After fixed the profiles, then slip the connectors to another side, and then fix them with screws.



Step 3

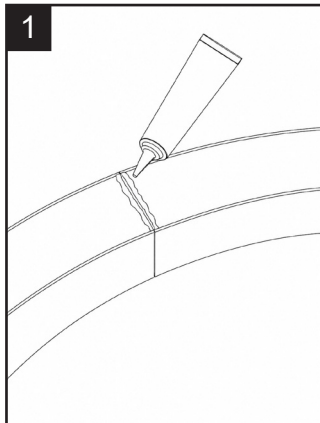
Install the profiles top cover.



Step 4

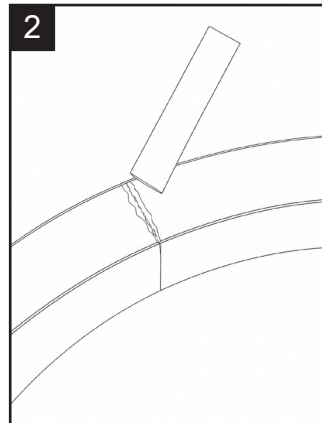
After install the profiles top cover, fixed them with screws.

2 COVER CONNECTION



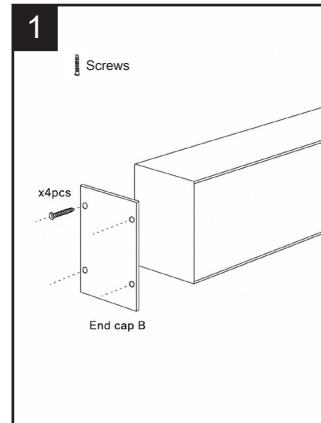
Step 5

Fill the gap with glue.



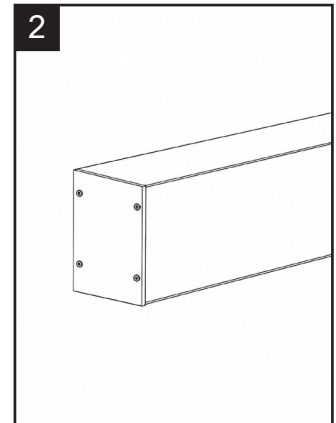
Step 6

Make glue smooth with a Scraper.



Step 7

Align the end cap with the profile end.



Step 8

Fix the end cap to the end of the profile with screws.

3 END CAP INSTALLATION

INSTALLATION INSTRUCTIONS - CEILING SURFACE

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Make sure all connections are tight with no loose strands.
3. Ensure fire regulations are not breached when fitting your lights.
4. If you are in any doubt regarding these instructions, consult a qualified electrician.

Mounting Hole Layout by Diameter

Diameter	Layout	No. of Mounting Hole
<1.2m		4pcs
1.5/ 1.8/ 2.4m		4pcs
3.0/ 3.6m		6pcs
4.0/ 5.0m		8pcs
6.0/ 7.0m		12pcs

1 MARK & DRILL

Mark the mounting hole locations on the ceiling according to the selected ring diameter. Drill the mounting holes at the marked positions.

2 INSTALL SPRING SCREWS

Install the spring screws at the prepared mounting locations.

3 ELECTRICAL CONNECTION

Connect the main supply cable to the driver inside the profile. Secure the wiring and reinstall the cover.

4 MOUNT LUMINAIRE

Align the spring screws with the keyhole slots on the back of the profile. Lift the luminaire into position and rotate it until it locks securely onto the spring screws.

5 FINISHED INSTALLATION

Surface mounted luminaire installed and ready for operation.

INSTALLATION INSTRUCTIONS - WALL SURFACE

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Make sure all connections are tight with no loose strands.
3. Ensure fire regulations are not breached when fitting your lights.
4. If you are in any doubt regarding these instructions, consult a qualified electrician.

Mounting Hole Layout by Diameter

Diameter	Layout	No. of Mounting Hole
<1.2m		4pcs
1.5/ 1.8/ 2.4m		4pcs
3.0/ 3.6m		6pcs
4.0/ 5.0m		8pcs
6.0/ 7.0m		12pcs

1 MARK & DRILL

Mark the mounting hole locations on the wall according to the selected ring diameter. Drill the mounting holes at the marked positions.

2 INSTALL SPRING SCREWS

Install the spring screws at the prepared mounting locations.

3 ELECTRICAL CONNECTION

Connect the main supply cable to the driver inside the profile. Secure the wiring and reinstall the cover.

4 MOUNT LUMINAIRE

Align the spring screws with the keyhole slots on the back of the profile. Lift the luminaire into position and rotate it until it locks securely onto the spring screws.

5 FINISHED INSTALLATION

Wall mounted luminaire installed and ready for operation.