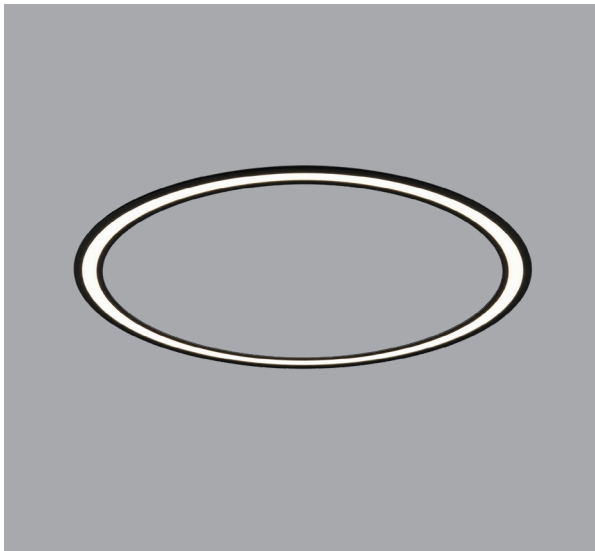


ORYN R

MODULAR ARCHITECTURAL RING LIGHTING SYSTEM SPECIFICATIONS



Job Information

Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

ORYN R is a modular architectural recessed 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 R 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 Ø470 mm to Ø7100 mm
- Multiple profile sizes with internal and external driver configurations
- High-performance LED with excellent visual comfort
- Available in multiple CCT (2700K–6500K/RGB/RGBW) and CRI options (80/90/95)
- Supports non-dim, triac, 1-10V, and DALI dimming protocols
- Suitable for dry location

PERFORMANCE

MODEL NAME	ORYN R
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/ RGB/RGBW
CRI	+80/+90/+95
MOUNTING OPTION	Ceiling & Wall Recessed
CONFIGURATION	Quarter / Half / Three-Quarter / Full Ring / Custom
FINISH	Powder Coating
FIXTURE COLOR	White/Black/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 recessed and wall recessed 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.

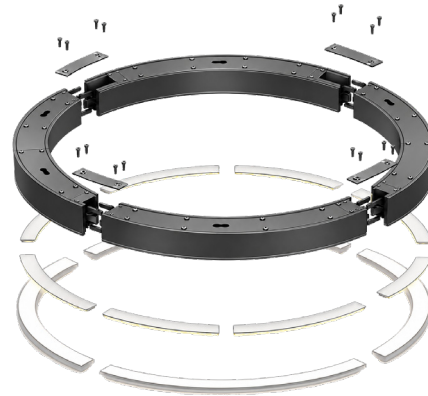
■ LED SYSTEM

CRI With +80, +90, and +95 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, RGB, RGBW with excellent color consistency.

MODULAR SYSTEM

ORYN R 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.



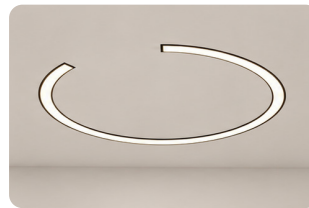
SEGMENT OPTIONS



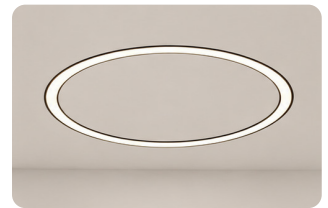
90°
Quarter Ring



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.

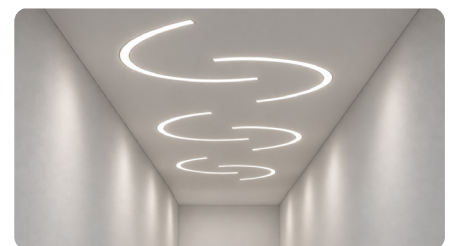
SYSTEM CONFIGURATIONS



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 R 4035	ORYN R 4075	ORYN R 6035	ORYN R 6075	ORYN R 8035	ORYN R 8075
CROSS SECTION 1.57" (40mm) 1.4" (35mm) 2.36" (60mm)	CROSS SECTION 1.57" (40mm) 2.95" (75mm) 2.36" (60mm)	CROSS SECTION 2.36" (60mm) 1.4" (35mm) 3.15" (80mm)	CROSS SECTION 2.36" (60mm) 2.95" (75mm) 3.15" (80mm)	CROSS SECTION 3.15" (80mm) 1.4" (35mm) 3.94" (100mm)	CROSS SECTION 3.15" (80mm) 2.95" (75mm) 3.94" (100mm)
PROFILE SIZE 2.36" x 1.4"	PROFILE SIZE 2.36" x 2.95"	PROFILE SIZE 3.15" x 1.4"	PROFILE SIZE 3.15" x 2.95"	PROFILE SIZE 3.94" x 1.4"	PROFILE SIZE 3.94" x 2.95"
DIAMETER RANGE Ø18.5" - Ø277.95" (Ø470 - Ø7060mm)	DIAMETER RANGE Ø18.5" - Ø277.95" (Ø470 - Ø7060mm)	DIAMETER RANGE Ø18.5" - Ø277.95" (Ø470 - Ø7060mm)	DIAMETER RANGE Ø18.5" - Ø277.95" (Ø470 - Ø7060mm)	DIAMETER RANGE Ø27.56" - Ø279.53" (Ø700 - Ø7100mm)	DIAMETER RANGE Ø27.56" - Ø279.53" (Ø700 - Ø7100mm)

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

INSTALLATION OPTIONS

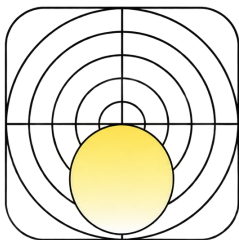


Ceiling Recessed

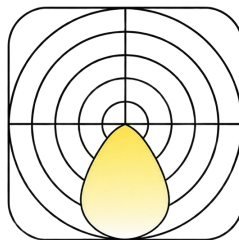


Wall Recessed

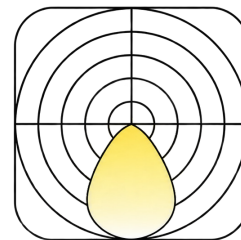
OPTICAL COVER



Polycarbonat (105°)



Prismatic (72°)



Frosted Prismatic (70°)

FINISHING COLOR



White



Black



Gold

SYSTEM CONSTRUCTION



PRODUCT ORDERING GUIDE

EXAMPLE: ORYN R-FR-4035-47-12-CR-277-30K-90-T-B-DF

Series	Shape	Profile Size	Diameter	Wattage	Installation Option	Voltage	CCT	CRI	Dimming	Finish	Cover
ORYN R	-FR	-4035	-47	-12	-CR	-277	-30K	-90	-T	-B	-DF

SERIES	SHAPE	PROFILE SIZE(mm) (WIDTH x HEIGHT) ①	DIAMETER ②	WATTAGE ③	INSTALLATION OPTION	VOLTAGE	CCT	CRI	DIMMING	FINISH	COVER
ORYN R	QR: Quarter Ring HR: Half Ring TQ: Three Quarter Ring FR: Full Ring	4035: 40x35 4075: 40x75	47: 18.50" (470mm)	12: 12W, 1200lm	CR: Ceiling Recessed WR: Wall Recessed	277: 120-277VAC 347: 120-347V AC	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K 60K: 6000K 65K: 6500K RGB RGBW	80: >80 90: >90 95: >95	T: Triac V: 1-10V D: Dali N: None	W: White B: Black G: Gold	DF: Polycarbonat (105") M1: Prismatic (72") M2: Frosted Prismatic (70")
			62: 24.41" (620mm)	15: 15W, 1500lm							
			76: 29.92" (760mm)	20: 20W, 2000lm							
			92: 36.22" (920mm)	25: 25W, 2500lm							
			102: 40.16" (1020mm)	30: 30W, 3000lm							
			122: 48.03" (1220mm)	35: 35W, 3500lm							
			156: 61.42" (1560mm)	40: 40W, 4000lm							
			186: 73.23" (1860mm)	55: 55W, 5500lm							
			206: 81.10" (2060mm)	60: 60W, 6000lm							
			246: 96.85" (2460mm)	75: 75W, 7500lm							
			306: 120.47" (3060mm)	90: 90W, 9000lm							
			406: 159.84" (4060mm)	120: 120W, 12000lm							
		6035: 60x35 6075: 60x75	506: 199.21" (5060mm)	160: 160W, 16000lm							
			606: 238.58" (6060mm)	180: 180W, 18000lm							
			706: 277.95" (7060mm)	240: 240W, 24000lm							
			47: 18.50" (470mm)	20: 20W, 2000lm							
			68: 26.77" (680mm)	30: 30W, 3000lm							
			80: 31.5" (800mm)	36: 36W, 3600lm							
			92: 36.22" (920mm)	40: 40W, 4000lm							
			108: 42.52" (1080mm)	50: 50W, 5000lm							
			122: 48.03" (1220mm)	60: 60W, 6000lm							
			156: 61.42" (1560mm)	80: 80W, 8000lm							
			186: 73.23" (1860mm)	110: 110W, 11000lm							
			206: 81.10" (2060mm)	120: 120W, 12000lm							
		8035: 80x35 8075: 80x75	246: 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							
			70: 27.56" (700mm)	30: 30W, 3000lm							
			92: 36.22" (920mm)	50: 50W, 5000lm							
			122: 48.03" (1220mm)	80: 80W, 8000lm							
			160: 62.99" (1600mm)	120: 120W, 12000lm							
			190: 74.80" (1900mm)	160: 160W, 16000lm							
			210: 82.68" (2100mm)	180: 180W, 18000lm							
			250: 98.42" (2500mm)	225: 225W, 22500lm							
			310: 122.05" (3100mm)	270: 270W, 27000lm							
			410: 161.42" (4100mm)	360: 360W, 36000lm							
			510: 200.79" (5100mm)	480: 480W, 48000lm							
			610: 240.16" (6100mm)	540: 540W, 54000lm							
			710: 279.53" (7100mm)	720: 720W, 72000lm							

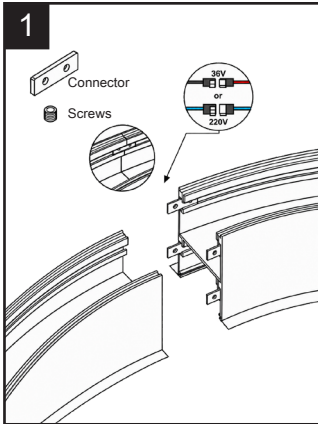
① Width refers to the diffuser only (excluding profile trims); height refers to the overall profile depth.

② Each diameter can only be ordered with the corresponding wattage indicated in the same row of the table.

③ Listed wattages are for full-ring configurations only.

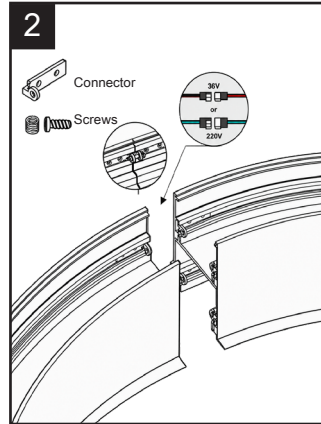
SEGMENT ASSEMBLY

1 PROFILE CONNECTION



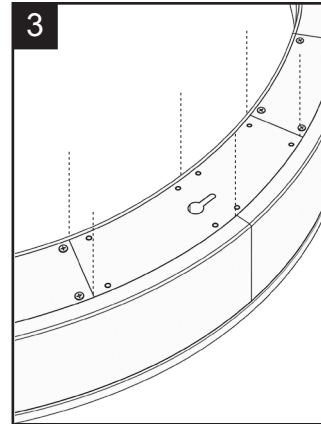
Step 1

First, connect the wire.
Second, install the connector.
Third, fix the screws.



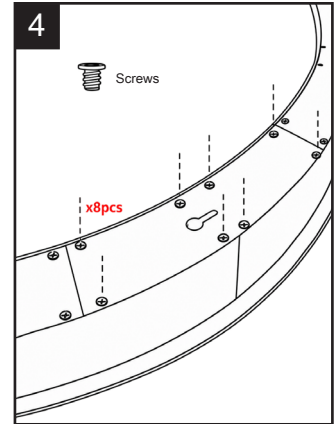
Step 2

First, connect the wire.
Second, install the connector.
Third, fix the screws.



Step 3

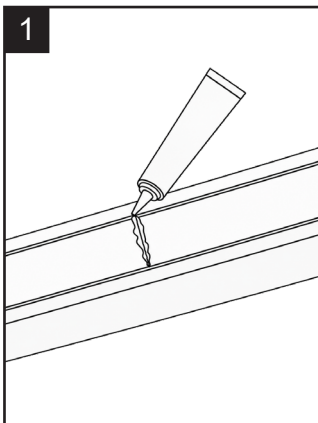
Install the profiles top cover.



Step 4

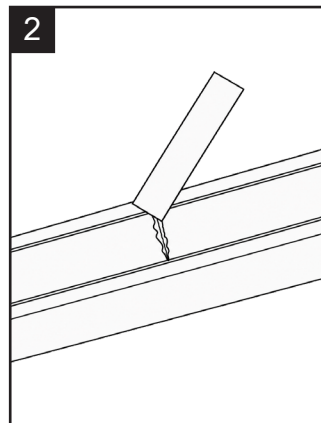
After install the profiles top cover,
fixed them with screws.

2 COVER CONNECTION



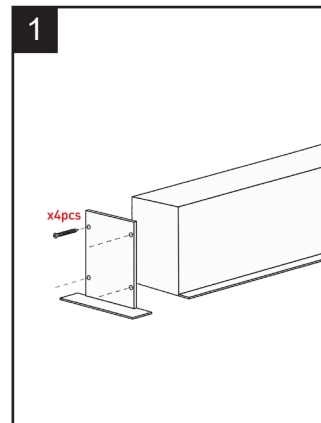
Step 5

Fill the gap with glue.



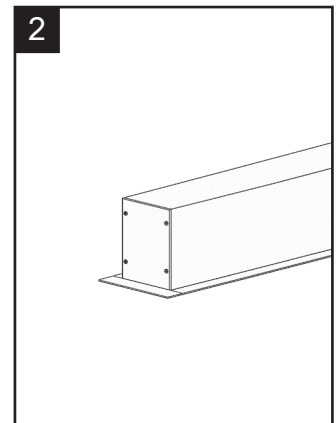
Step 6

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 - RECESSED MOUNT WITH U-SHAPED BRACKET

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 Bracket Layout by Diameter

Diameter	Layout	No. of Mounting Bracket
<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 CUT CEILING OPENING

Cut the ceiling opening according to the luminaire dimensions.

2 REMOVE PROFILE COVER

Remove the cover to access the LED kit and mounting point.

3 INSTALL THE MOUNTING PIN

Insert the pin through the LED kit and profile. Secure with the retaining nut.

4 INSERT THE U-SHAPED BRACKET

Place the U-shaped rotating bracket onto the mounting pin.

5 SET THE BRACKET CLEARANCE

Adjust the bracket height to match the ceiling thickness.

6 LOCK THE BRACKET POSITION

Tighten the locking nut to prevent vertical movement.

7 MOUNT LUMINAIRE

Align bracket with the profile and lift the ring into the cut-out.

8 ROTATE & SECURE THE BRACKET

Turn the pin from below until the bracket rotates into position and locks behind the ceiling, securing the profile in place.

9 REINSTALL THE PROFILE COVER

Check the fixing and alignment, then reinstall the cover.

10 FINISHED INSTALLATION

Recessed luminaire installed and ready for operation.

INSTALLATION INSTRUCTIONS - RECESSED MOUNT WITH SPRING CLIP

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.

Spring Clips Layout by Diameter

Diameter	Layout	No. of Mounting Bracket
<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 ATTACH SPRING CLIPS

Attach the required number of mounting spring clips to the luminaire according to the selected ring diameter.

2 CUT CEILING OPENING

Cut the ceiling opening according to the luminaire dimensions.

3 ELECTRICAL CONNECTION

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

4 MOUNT LUMINARE

Insert the luminaire into the ceiling opening while keeping the spring clips open.

5 MOUNT LUMINARE

Release the spring clips to secure the fixture firmly in the ceiling.

6 FINISHED INSTALLATION

Recessed luminaire installed and ready for operation.