

REIZEN

INDIRECT ASYMMETRIC LUMINAIRE

SPECIFICATION SHEET
INDOOR - TUNABLE WHITE

Housing

Diameter : 13" x 9.8"x4.3" | Weight : 19.8 lbs

Material

Housing : High Pressure Die-Cast Aluminum
Lens : Tempered Glass

Power Input

110W | 120-277V

Lumen Output

11,750 - 13,900 lm (110W)

Dimming

Superior 0-10V: Dims to 1%
DMX: High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Color Quality

CRI 85

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



ColorFlip™ Tunable White
3000K ↔ 5000K

Optics



Asymmetric

Mounting



Stem
Mount



Wall
Mount

Warranty

5 Year limited warranty

Listing



Light Shaping Prismatic Technology

Using the latest light shaping prismatic technology, the Reizen offers smooth uniform asymmetric lighting up to 40,850 lumens, and is suitable for both outdoor and natatorium use. It features Tunable White and W+RGB color changing options, offering a subtle yet dramatic flair to any space.

Superior performance, in a compact-sized fixture is a true highlight of the Reizen luminaire, which are available in both sconce and pendant forms.



SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

<input type="text" value="RI"/>	MODEL	REIZEN		
<input type="text" value="110"/>	WATTAGE	110 110W		
<input type="text" value="TNW"/>	CCT / CRI	TNW 3000K - 5000K		
<input type="text" value="UNV"/>	VOLTAGE	UNV 120 – 277V		
<input type="text"/>	DIMMING	SPV Superior 0-10V dims to 1%	DMXR¹ DMX dims to 0.1% (RJ45 Sockets)	DMXW² DMX dims to 0.1% (Hard-Wired)
<input type="text" value="ASY"/>	BEAM ANGLE	ASY Asymmetric		
<input type="text"/>	FINISH	BLK Black	WHT White	
<input type="text"/>	MOUNTING	WLM Wall Mount	ST4 Stem 4ft	ST8³ Stem 8ft
<input type="text"/>	ACCESSORIES	GSV⁴ Glare Shield Visor		

CLEAR FORM

¹ DMXR is not compatible with ST4, ST8
² DMXW option is connected through 3 DMX Positive / Negative / Common wires
³ Includes two 4ft stem connected by an adapter
⁴ GSV option reduces delivered lumens by ~10%

TECHNICAL DETAILS

Electrical

- 11,750 – 13,900 lm (110W)
- Power Input : Universal (120-277V)
- Operating Temperature : -40°F~113°F
- Surge Protection : Built-in is 4KV
- Power Factor Greater than 0.9

LED Features

- ColorFlip™ Tunable White 3000K ↔ 5000K
- 3000K / 85 CRI, 5000K / 75 CRI
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Precision molded high transmittance clear PC lens
- Beam Angle : Asymmetric

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Housing

- Diameter & Weight : 13" x 9.8" x 4.3", 19.8lbs
- Diameter & Weight with Visor : 13" x 14.8" x 4.3", 22.9lbs
- Material : High Pressure Die-Cast Aluminum, Tempered Glass

Mounting

- Wall Mount
- Stem Mount

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC
- UKCA

PERFORMANCE SUMMARY*

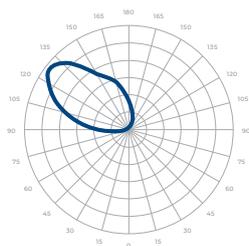
	Delivered Lumens				
ColorFlip™	3000K	3500K	4000K	4500K	5000K
DMX CCT Signal (%)	0%	25%	45%	60%	100%
0-10V CCT Voltage	0	2.5	4.5	6	10
TNW 110W Light Engine	11,750lm	12,850lm	13,950lm	13,925lm	13,900lm
CRI	85	83	82	80	75

Current Consumption		
Light Source	120V	277V
TNW (110W)	1.38A	0.6A

* Tolerance ±8%

PHOTOMETRICS

Below is a typical photometric representation of the Reizen fixture. Please download IES files to ensure exact photometric value.



TNW

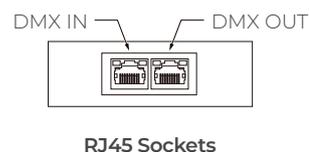
DMX REQUIREMENTS

The Reizen Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX Address		
Fixture	Intensity Control (ex. X)	Color Control (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

The fixture can be connected with RJ45 sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

CONNECTION	RJ45 (CAT5e)	RJ45 (CAT5e)
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	Black
Signal -	ORANGE (PIN 2)	White
Signal +	WHITE/ORANGE (PIN 1)	Blue
Spare	-	
Spare	-	

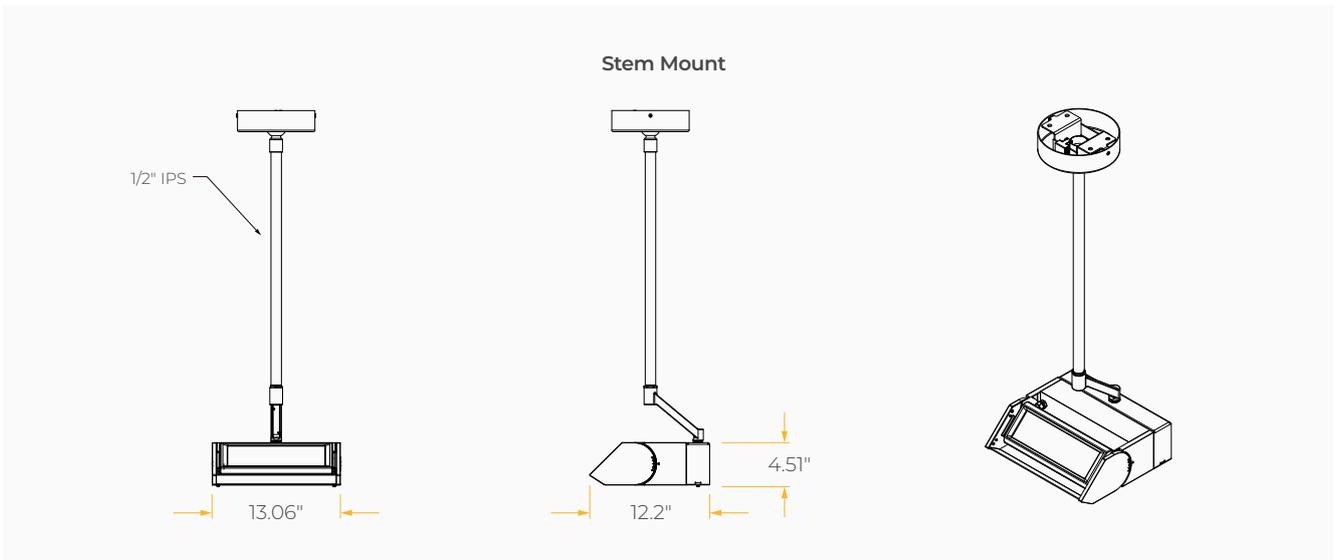
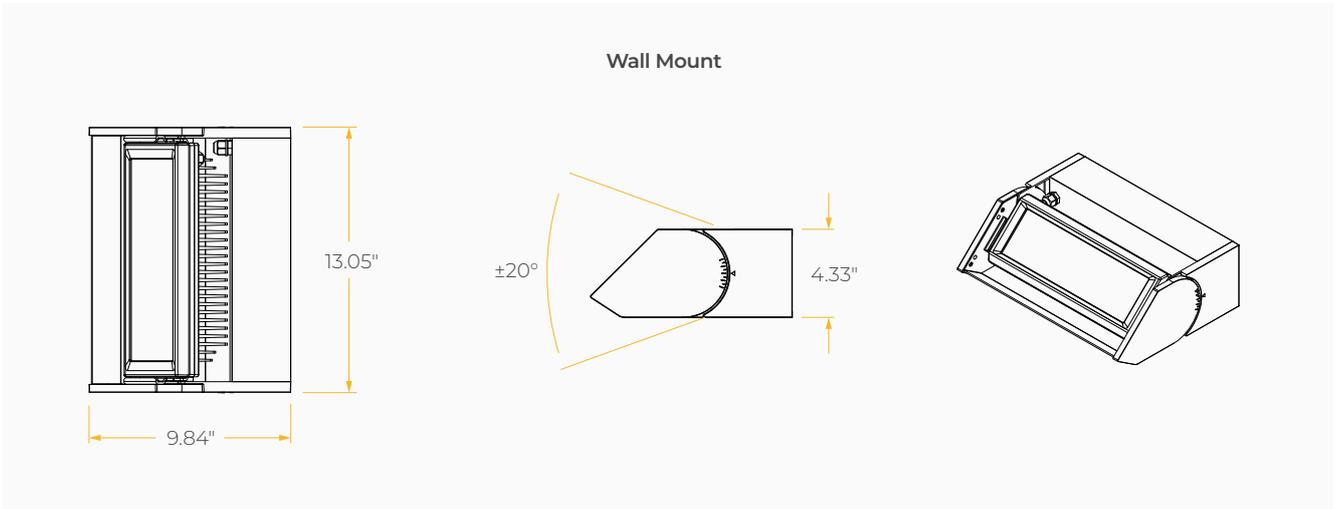


COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

DIMENSIONS



ACCESSORIES

