TOKISTAR

OUTDOOR

REVELER

IP66

Tokistar Reveler is an indirect LED lighting fixture. This system is ideal for illuminating building facades and other exterior and interior surfaces.

Reveler features many of the most popular and unique virtues of other Tokistar luminaires. In its basic form, the system is extremely flexible and able to outline complex shapes.
Reveler is wet-location listed with an IP66 rating, operates from industry- standard 24 VAC magnetic transformers and is fully dimmable.

PRODUCT GUIDE

#01

#02

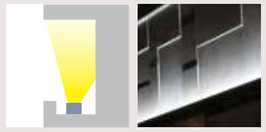
#03

#01 Chimelong Hengqin Bay Hotel

RW-150-3000K-SP

Design：Lighting Design Alliance
Photographer：Derryck Menere

#02 NISHIGINZA



RWCXB-50-5000K-SP

Design：Penta Builders / LUCKLAND CO.,LTD.

#03 Tamaruya Honten

RW-75-2700K-SP

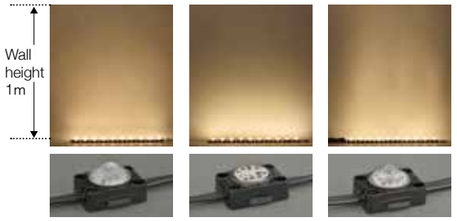
Design：hashimoto yukio design studio Inc.

Point 01 Reveler is wet-location listed with an IP66 rating

Reveler operates on a AC 24V circuit. The module is comprised of an aluminum die-cast cover and a flame retardant, weather- resistant polymeric base which meets UL Standards UL 94 and UL 746C.

In its basic form, the system is extremely flexible and able to outline complex shapes.

Point 02 3 types Lens Selection



SP（80°×25°）
For grazing light vertically, our 25° x 80° linear spread lens does a remarkable job of focusing light precisely where needed.

120°
The 120° lens is ideal when a broader distribution of light is required.

20°（custom）
Recommend for 3-4m height wall wash.

Point 03 Glare Guard Louver and Parallel Louver

Glare Guard Louver　Parallel Louver

An integral louver is available as a Glare Guard to keep LEDs from a direct line of sight. Parallel louvers prevent glare from side-viewing perspectives.

※For further details, please contact us.

REVELER

OUTDOOR | AC24V | IP66 | CRI 85 | BENDABLE | CUT OK

Voltage =AC24V
Wattage=1.8W/LED
Weight = Approx. 630g/m
Materials = PC
Aluminum (black paint)
Lead cable = AWG14 x 2 L=2m

RW-□□□-□□□□K-□□□□

LED Spacing	LED Color	Lens
50 : 50mm	2700K	SP : Spread
75 : 75mm	3000K	120D : 120°
100 : 100mm	5000K	

Catalog#	Power	LED Q'ty/run
RW-50-__-__	36W/m	176 LEDs
RW-75-__-__	24W/m	
RW-100-__-__	18W/m	

REVELER CX

OUTDOOR | AC24V | IP66 | CRI 85

Voltage =AC24V
Wattage=1.8W/LED
Weight = Approx. 1400g/m
Material= Base(Anodized Aluminum)
Bracket(Stainless Steel)
Lead cable = AWG14 x 2 L=2m

RWCXB-□□□-□□□□K-□□□□

Base Color	LED Spacing	LED Color	Lens
B: Black	50 : 50mm	2700K	SP : Spread
	75 : 75mm	3000K	120D : 120°
	100 : 100mm	5000K	

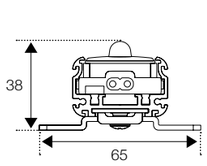
Catalog#	Power	LED Q'ty/run
RWCXB-50-__-__	36W/m	6—44 LEDs
RWCXB-75-__-__	24W/m	4—30 LEDs
RWCXB-100-__-__	18W/m	3—22 LEDs

REVELER CX Mounting Brackets

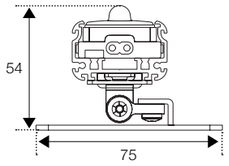
Channels require fixed or adjustable brackets.
A single bracket is required for lengths up to 0.3m. Two brackets are required for lengths up to 2.2m.

Fixed Bracket - Catalog RWCX-FIXB
Adjustable Bracket - Catalog RWCX-ADJB

(mm)

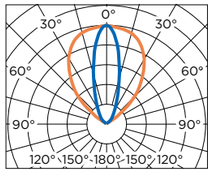


Fixed Bracket (Spread Lens)

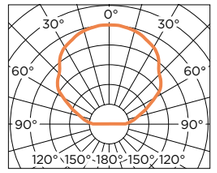


Adjustable Bracket (Spread Lens)

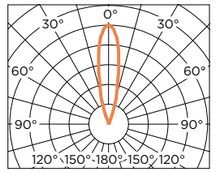
Light Distribution



Spread Lens
80 degrees x 25 degrees



120 degrees



20 degrees
(Custom)

LED Colors, lm

2700K : 66lm / LED

3000K : 68lm / LED

5000K : 77lm / LED

custom LED colors, lm
4200K 73lm

Lumen value per meter

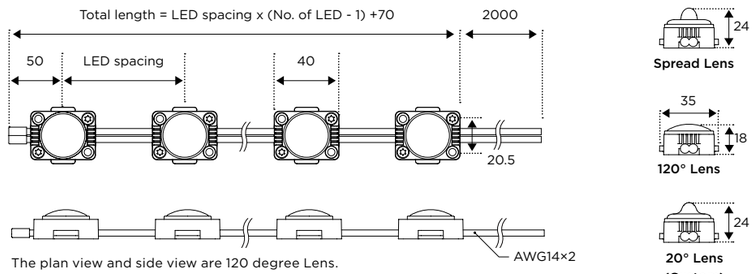
LED Color \ Pitch	50mm	75mm	100mm
2700K	1320	880	660
3000K	1360	906	680
5000K	1540	1026	770

(lm)

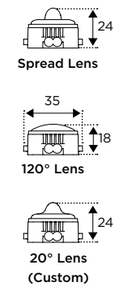
Submittals

(mm)

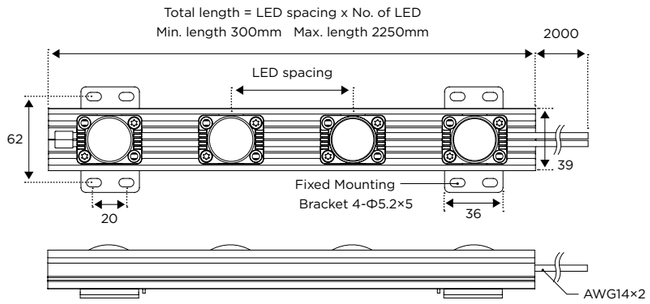
REVELER



The plan view and side view are 120 degree Lens.



REVELER CX



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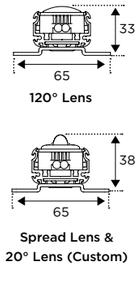
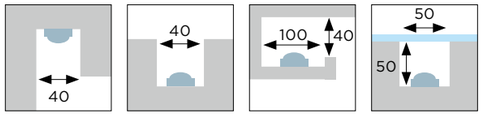
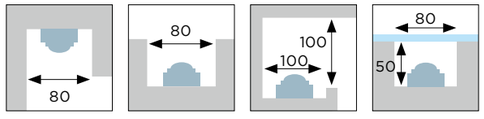


Minimum Space Requirements

REVELER



REVELER CX

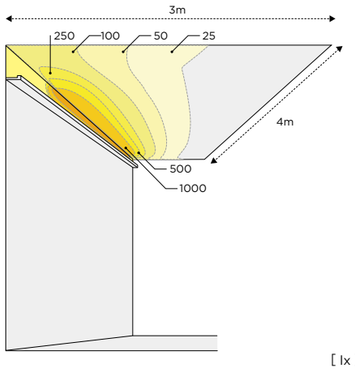


※For proper air flow, the dimensions indicated are required to prevent heat build up. Please keep these guidelines in mind when using various optional parts. Other considerations are lighting effect and maintenance.

Foot Candle Summaries

RW-50-3000K-120D

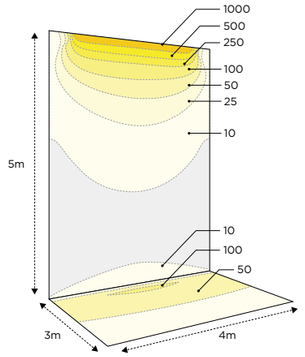
(mm)



[lx]

RW-50-3000K-SP

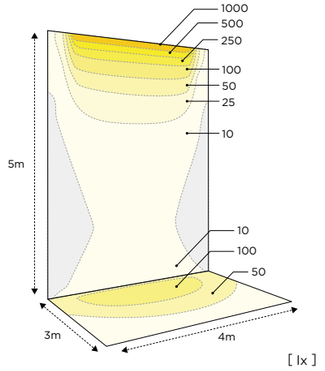
(mm)



[lx]

RW-50-3000K-020D
(Custom)

(mm)



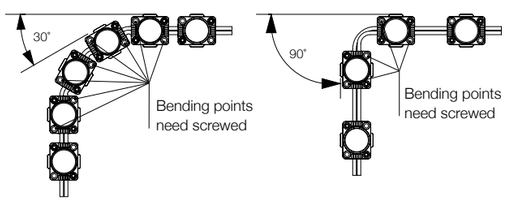
[lx]

Instruction

Direct Screw Mounting

Use two screws in opposing mounting holes.
Do not use countersunk screws.

Curve Mounting



50mm LED Spacing

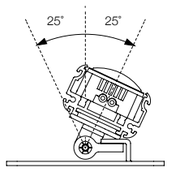
75mm LED Spacing

Every spacing of Reveler is extremely flexible with LEDs facing into or away from the bend.

REVELER CX Mounting

For secure mounting, use screws. Screws must be firmly attached to support the weight of the fixture. Do not use countersunk screws.

Adjustable Brackets Mounting



Mounting option for Reveler CX. Adjustable brackets pivot 25 degrees.

Adjustable Bracket	RWCX-ADJB

Two brackets are required for each per run.

Mounting Stakes

This optional item for Reveler CX can be used for both temporary and permanent landscape applications.

Reveler CX Spike	RWCX-SPI2-OP

2pcs / set
Please install on site

LED Spacing

Custom spacings are available upon request.

Power Supplies

Dimming

Reveler series operate with 24 VAC magnetic transformer.

Do not use with electronic transformers.

The primary input to the transformer may be dimmed from industry standard phase-control dimmers, also referred to as triac dimmers. While most show very favorable results, there may be compatibility issues with certain makes and models.
The following guidelines should be taken into account in selecting the proper dimming device:

1. Make sure the dimmer used is suitable for use with magnetic low-voltage transformers, not electronic low-voltage transformers.

2. Some dimmers have a minimum-load requirement. Since LEDs consume so little power, this should be given serious consideration in the selection of the dimmer.

3. Some dimmers not only require a minimum load, but may not function properly at certain levels/loads because they do not interpret an LED load as they do a standard incandescent load. In such cases, some dimming companies offer a “synthetic load” device to resolve this issue. Check with the dimmer manufacturer in such cases.

4. Tokistar Lighting has evaluated a wide range of dimmers, but cannot promise perfect dimming results with every make and model on the market. Additionally, manufacturers of dimmers occasionally make changes to their specifications without notice. Some older generations of a certain model might actually work more fluidly than a newer generation.

5. If there is any question on compatibility, consult with us on a case-by-case basis. We work closely with many dimming companies, and can provide samples of our fixtures for compatibility testing if necessary.

⚠ PRECAUTIONS

1. Read all instructions completely before beginning installation.
2. Turn off electricity before beginning installation.
3. All wiring is to be performed by a qualified electrician.
4. Installation must comply with the National Electrical Code, or related applicable regulations.
5. Turn main supply to magnetic down transformer on only after all connections have been made and tested.
6. Use only appropriate magnetic down transformer.

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