

LightQ

24V Low Voltage Track IoT Spotlight

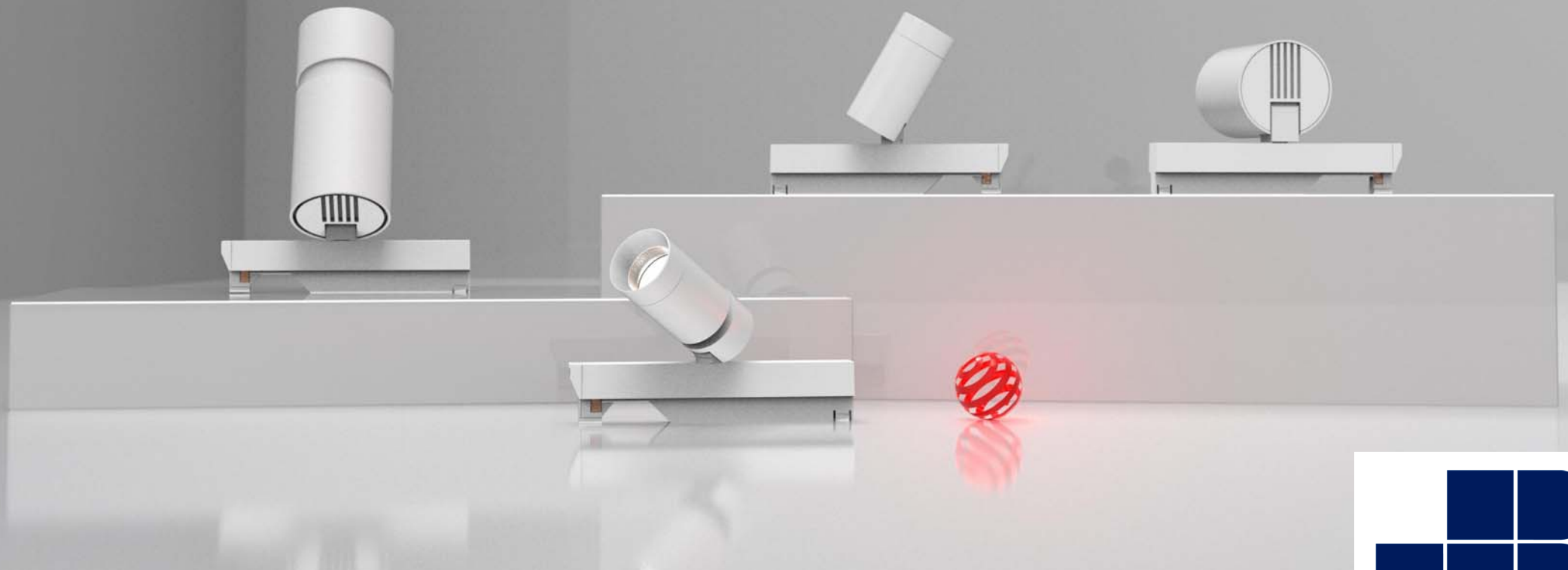
Connected by

WIZ

CASAMBI



reddot winner 2022
lighting design



JOHN BERGER

We did it again!

We are delighted to announce LightQ has been awarded the prestigious Red Dot Award: Product Design [2022].

We are thankful to the Red Dot jury for judging our submission as superior among many presented.

With its smart IoT Module, whole series is perfect for smart home and hospitality lighting.

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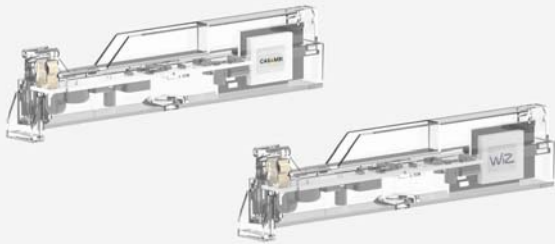
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Light Q

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Background & Needs

Why we won the Red Dot Award?

01

Solution & Appearance

How is it connected to People?

02

Differentiation & Satisfaction

How does it change the lifestyle?

03

01 Background

We spend lots of time with family and friends. Having a gentle and relax indoor space for people to talk or take a short break with some alcohol becomes a popular need. Not to mention the pandemic of covid-19, People are forced to stay home for much longer time.

But, getting bored of the same space? How can we possible change the layout of furniture or lighting?

We starts to think what is needed to meet the new trend and fit to the environment.



01 Needs

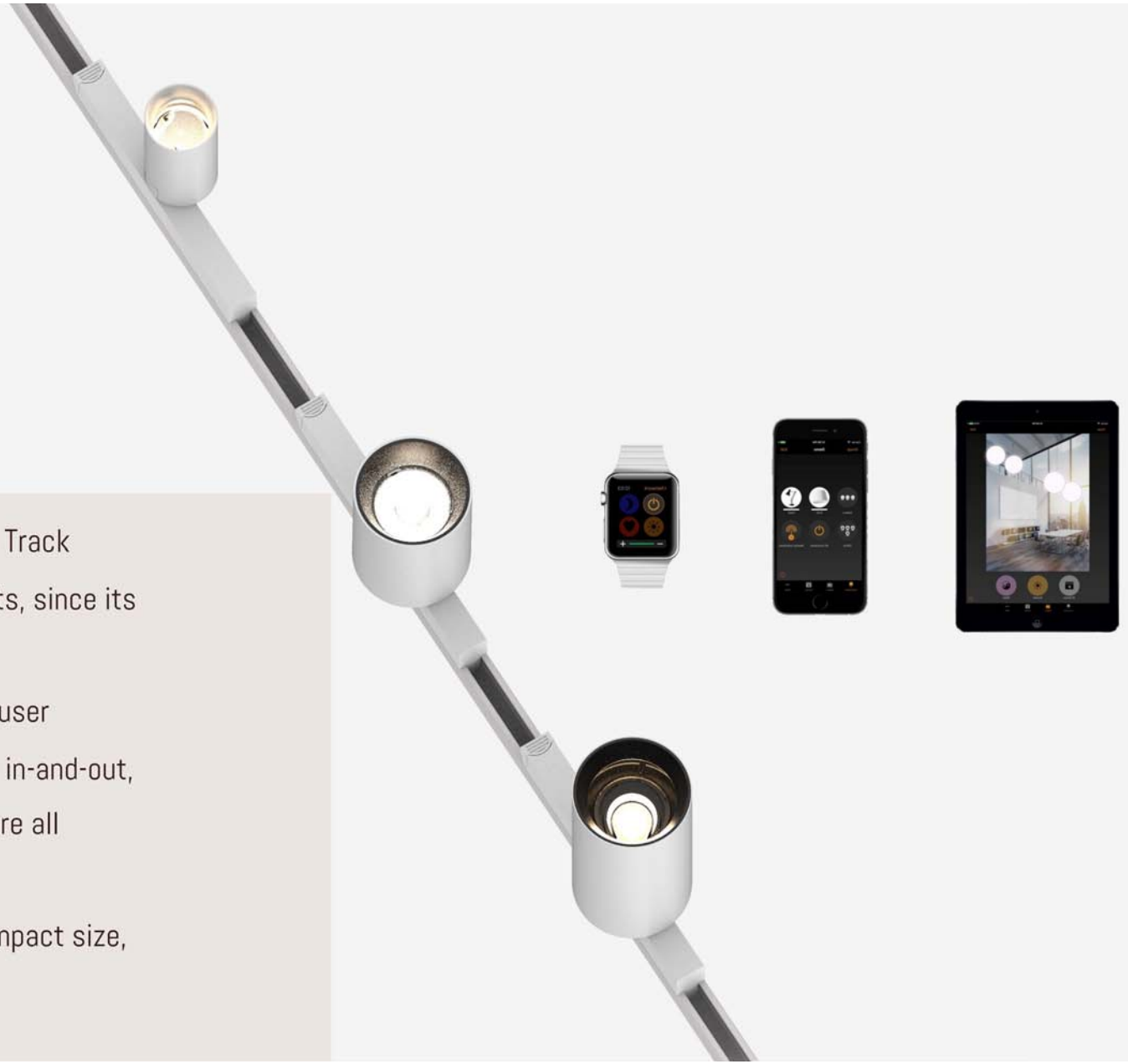


Flexibility

People need different light applications. A Track system might be good choice for spotlights, since its **flexibility for relocation.**

Besides, the new design needs to be end-user friendly. Easy adjust the light head, zoom in-and-out, dimming function with App on the phone are all welcome.

Also, we need the system elegant and compact size, not too big with sufficient lumen output.

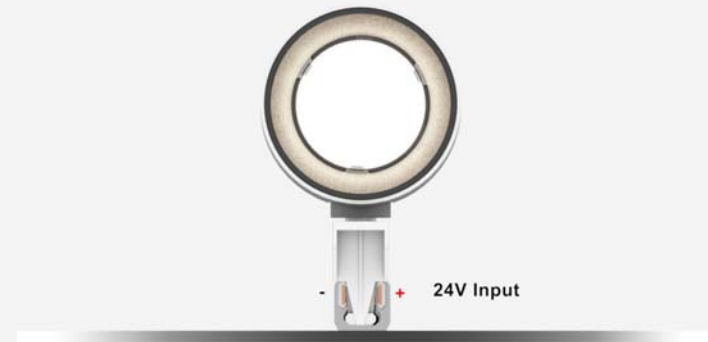


01 Needs



Safety

220V High voltage is very common on the market. But if the light fixtures goes by low voltage input(also known as SELV), it will be very safe and easy when you need to reallocate the luminaire. Family Member both can easily change or adjust the light fixture.



02 Solution

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LightQ,

A mini DC 24V zoomable spotlight with IoT function, miniaturizes the fixture size to represent modern style.

It leaves the focus on what is being illuminated.

Lumen package reaches to 1000 lumen (7.3W) satisfies 2.5 height meter space lighting requirement.

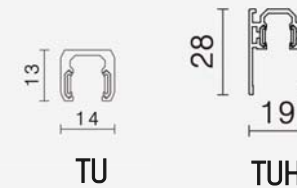
Beam Angle can Cover from 10 to 40 degrees from accent lighting to general lighting.



02 Appearance



Surface mounted track



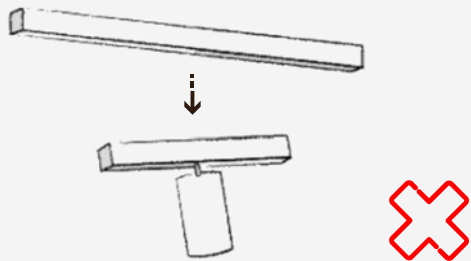
With surface-mounted track system, people can easily install the track onto ceiling. The track profile is with the slimmest section with 13mm height, 14 mm width for surface mounted version.

Recessed track



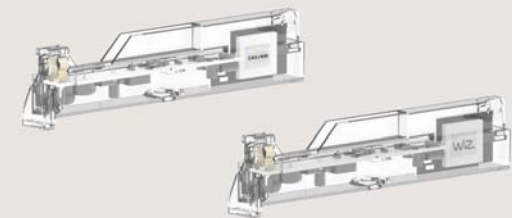
Recessed track is designed to hide the adapter of the fixture after installation. It shows a much cleaner ceiling effect in your desired space.

03 Satisfaction & Differentiation



Compared to magnetic track system, LightQ is with no concern on fixtures would drop after demagnetization. We design a push-click fixation mechanism on adaptor. The two-direction installation of adaptor is also very first fool-proof design in the market. Compared to other mini spotlight in the market, LightQ is much more versatile and cost effective for customers.

For dimming control in a smaller-scale space , Triac dimming might not good enough . As the trend of human-centric lighting and smart control solutions, we integrate IoT function into the system and present you an astonished new light application.



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03 Satisfaction & Differentiation



Dinner Time



Welcome Guest



Night Time

03 Satisfaction & Differentiation

Works with WiZ Smart Bulb & Controller



WiZ Smart Bulb



WiZ Controller



WiZ Motion Sensor



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