



Lighting & Acoustic Consultant

## Outline Specification

Project :  
**EXTERIOR FAÇADE THE RITZ APARTEMENT - SUPERMAL PAKUWON INDAH**

### **Description**

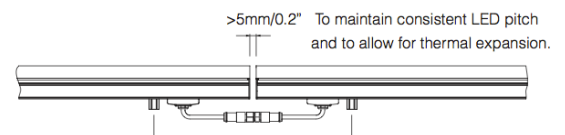
<i>Luminaire Type</i>	: <b>Customized Media Façade /Video Line LED Outdoor</b>
<i>Luminaire Reference</i>	: <b>Standard Vision or equal</b>
<i>Source</i>	: <b>Approx 20 W LED RGB</b>
<i>Pitch</i>	: <b>20 to 25mm</b>
<i>Lumen Output</i>	: <b>Min. 180 lm on axial, 170lm maintain at 25degC. Min 80.000 hrs</b>
<i>Color Resolution</i>	: <b>16.7 Million 3x12-bit</b>
<i>Beam Angle</i>	: <b>Diffused Hor.180 degree / Vert. Min 90deg.</b> <b>1:1 visual brightness uniformity</b>
<i>Cover Lens</i>	: <b>PC Diffuser, UV protected</b>
<i>Driver</i>	: <b>LED Power Driver to supply approx to 16 m LED length</b>
<i>Accessories</i>	: <ul style="list-style-type: none"><li>- <b>Complete Set with driver, cable connector, distribution, power supply for outdoor (roof) installation</b></li><li>- <b>Customized Installation Mount</b></li></ul>

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Design Intent:



Tube-to-Tube Clearance



### **Dimension (Custom to Fit Architectural Mullion/Fins)**

<i>Width</i>	: <b>Not to exceed 20 mm, including bracket</b>
<i>Height</i>	: <b>Ca. 30 mm, add. height may be proposed if matched space allowance</b>
<i>Length</i>	: <b>Custom to fit, Module can be arrange up to 1200 mm</b>
<i>Weight</i>	: <b>Max 2kg/m'</b>



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### **Technical Specification**

<i>Housing</i>	:	Aluminium extrude with waterproof and UV resistance, Color to match Architectural Fins (RAL)
<i>Light Distribution</i>	:	Diffuse Distribution with lens (180 degree viewing angle)
<i>Approval</i>	:	IP 67
<i>Operating Temp</i>	:	Up to 50deg. C, 90% humidity/non condensing
<i>Power/Data Source</i>	:	Remote Driver DMX/Video ready with IP 67 housing & Connectors w/ Auto addressing.

### **Important Notes:**

- All Wiring must be concealed behind between connecting fixtures by means of IP67 connectors or inside the fins with minimum impact on the fins integrity.
- Easy access/system to remove each fixture for maintenance
- No apparent mounting and mounting screw are permitted, contractor to propose a safe and sturdy mounting to withstand vibration, wind and other outdoor elements, incl. additional safety harness if required.
- A minimum of 80.000 hours and a 5 years Guarantee is mandatory.

### **Programming/Testing/Commissioning/After sales service**

- This specification is for a complete system, any required parts, Software, Hardware must all be included into one package. No additional item is allowed afterwards.
- This Offer should include all technical assistance before, during and after installation.
- This Offer should include programming services.
- The system should allow for at least 20 (twenty) different memorized scenes (@5 minutes) that can be activated manually and/or triggered by other devices.
- The system must have internal calendar system with access for remote content update.

### **Media Content**

- Contractor should provide min. 5 high-resolution video content as per directed by the designer and owner. The content should be in high artistic quality and proposed for approval by owner prior to upload.
- Contractor should be able to help client with maintaining and providing new content as an additional yearly services if required.

### **Tender Submission**

- Submission of product should be complete with project reference with similar product
- Cut sheet of product (dimension, photo, other technical specification)
- Submission must be complete with wiring diagram and control system drawing
- Working product sample
- Mock up (if short listed)
- Animation proposal (for Mock up)



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### **DETAIL SL-FC**

