

# STUDIOFRACTAL

## Detailed Lighting Specification | Ralli Quays

This document outlines the stage 4 specialist lighting specification for the above project.

Document revision	Revision note	Issue date
01	Original Issue	23/11/22

Document prepared by : LD  
Document approved by : CS

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## Introduction

The information contained within this specification is based on manufacturers information during stage 3. It is the contractor's responsibility to liaise with each manufacturer during the design and build phase and confirm / check final product details / references prior to ordering.

If products are discontinued or no longer available during the design and build stage, the electrical contractors are to advise Studiofractal and issue a request for an alternative specification.

Tender - It is the contractor's responsibility to confirm final quantities and lengths of fittings in preparation of tender pricing.

Prior to ordering, it is the contractor's responsibility to confirm final quantities and lengths of fittings, based on final construction drawings.

Contractor to arrange working samples of each light fitting for review and sign off by the design team. Note that the design team may request some samples to be installed in temporary mock-ups to review quality of beam angle and light distribution.

Contractor to take responsibility for luminaire installation including but not limited to all fixings / suspension cables / suspension rods / special mounting brackets and electrical infrastructure such as junction boxes, containment, uni strut, cable sizing and specification etc.

Special RAL finishes - Prior to ordering it is the contractor's responsibility to prepare a schedule of luminaire finishes to be checked against final architectural finishes. Architects and lighting designers to approve final luminaire finishes.

LED Drivers - Where LED drivers are installed remotely it is the electrical contractor's responsibility to confirm that the final positions are within the manufacturers recommended maximum distances and utilise the correct cable size. Design intent information has been included within studiofractal stage 4 documentation but should be developed by contractor based on site conditions.


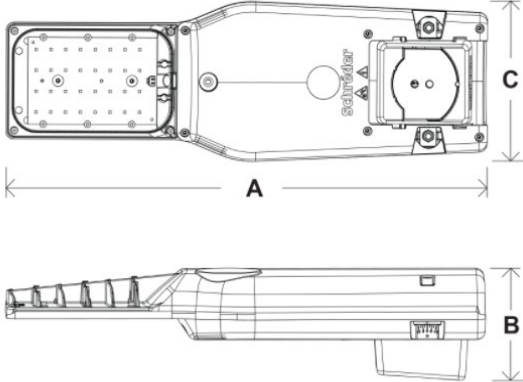
LED's - All luminaires to utilise LED's within 3 Macadams Ellipse and be CRI 80+ unless otherwise stated.

Colour temperature - Refer to individual specification pages for LED colour temperatures.

Reference - Specification to be read in conjunction with Studiofractal lighting drawings and lighting control brief.

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<b>Fixture ref</b>	<b>C2</b>
<b>Manufacturer/Ref</b>	<b>Urbis-Schreder Lighting / Axia 3 (3.1)</b>
<b>Accessory</b>	
<b>Contact</b>	Name Tony Purdue
	Office +44 1256 354446
	Mobile +44 1256 345713
	Email tonyp@urbis-schreder.com
<b>Lamp</b>	Manufacturer : NA
	Description : 19.8W
	Lamp colour : 3000K
	No. lamps : 8
Luminaire description	<p>IP66, 19.8W (139lm/W) column top LED luminaire complete with 8no. 3000K LEDs, 5295 optical distribution and DALI control gear. Weight 3.6kg/7.9lb.</p> <p>5.5m Standard metal lighting column to be supplied complete with standard tri-key access hatch and timber back board for electrical cutout (supplied by contractor). Luminaires to be supplied with Photocell for Dusk to Dawn switching.</p> <p>Electrical Contractor to confirm compatibility between control gear / transformer and lighting control system.</p> <p>Contractor to ensure columns are supplied with EN40 and all other required accreditation.</p>
Appearance	
Notes	
Location	Main Road
<b>Image</b>	<b>Dimensions</b>
	

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Lighting Detailed Specification | Eddington Road

<b>Fixture ref</b>	<b>C3</b>
<b>Manufacturer/Ref</b>	<b>Urbis-Schreder Lighting / Axia 3 (3.1)</b>
<b>Accessory</b>	
<b>Contact</b>	Name Tony Purdue
	Office +44 1256 354446
	Mobile +44 1256 345713
	Email tonyp@urbis-schreder.com
<b>Lamp</b>	Manufacturer : NA
	Description : 35.6W
	Lamp colour : 3000K
	No. lamps : 16
<b>Luminaire description</b>	<p>IP66, 35.6W (139lm/W) column top LED luminaire complete with 16no. 3000K LEDs, 5295 optical distribution and DALI control gear. Weight 3.6kg/7.9lb.</p> <p>5.5m Standard metal lighting column to be supplied complete with standard tri-key access hatch and timber back board for electrical cutout (supplied by contractor).</p> <p>Luminaires to be supplied with Photocell for Dusk to Dawn switching.</p> <p>Electrical Contractor to confirm compatibility between control gear / transformer and lighting control system.</p> <p>Contractor to ensure columns are supplied with EN40 and all other required accreditation.</p>
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