



GRANTS BLINDS
CONSULTANCY & SUPPLY

Project: *P19865 Natascha Crump*

Sales Consultant: *Laurence Walkinton*

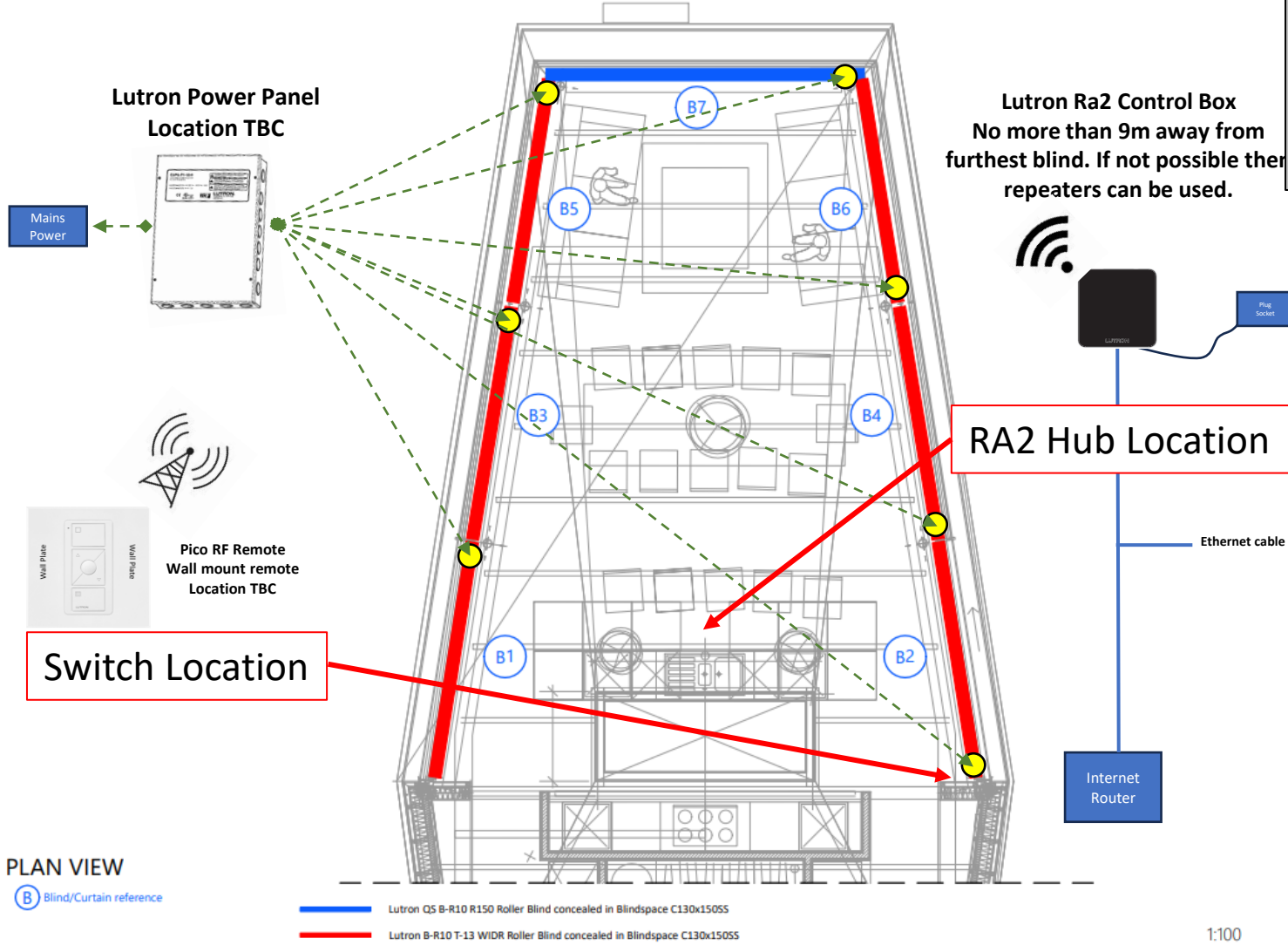
Project Manager: *Daniel Thompson*



Wiring Diagram

Each blind requires LV 2 core 1.5mm² cable back to Lutron power panel. Specs (page 4)

Leave 1m tails at blind box position as marked in yellow.



**Fabric:
Glenheim 5%
Pearl White**

Drawing Title	01 PLAN VIEW		
Product Description	Recessed extruded aluminium boxes and covers designed to conceal window blinds.		
Blind Sizes	-		
Product Information	Blindspace boxes are a supply only item for installation by others. Boxes should be fixed on both sides. The finished plaster level should be flush with the chamfered edge. Anchoring countersink screws through skim coat flanges is recommended. Blind sizes are subject to survey by Grants Blinds surveyor and will be manufactured to survey dimensions.		
Revisions	Date	Ref	Description
	2023-10-18	A	Initial issue
General notes	Dimensions in mm Do not scale from drawing Note that the architectural detail is suggestion only to be incorporated into proper architectural documentation by architect using his/her best project knowledge. All architectural details shown shall not be used for construction, and shall be drawn by an architect accordingly to a specific building section. Drawing intent shows possible placement of Grants Blinds products within given architectural background.		
Installation notes	Boxes to be fixed with countersunk screws every 200mm through back into appropriate backing. Plywood backing to be flush with cover if bronze cladding to be applied on both surfaces. Allow 3mm gap in cover cladding, on hinge side for proper hinge action. Allow 3mm recess space for ease of installation, shown in dash line around boxes		
Amendments			

PLAN VIEW
B Blind/Curtain reference

Project Name:	Natascha Crump	Issued to:	Gaius Guest	Via:	
Property Add.:	Monks Hall, Hoxne Road, Syleham, Eye, Suffolk	Approved:		Date:	
Project Ref.:	P19865	Project Manager:	Danny Thompson	Name:	Position:
Drawn by:	Marcelina Wolosz	Checked by:	-	Signed:	



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Lutron Power Specifications

10-Output Power Panel for Serena®, Sivoia® QS Triathlon®, and Sivoia® QS Triathlon® WIDR Remote-Controlled Shades

The Lutron® Remote-Controlled Shades Power Panel is a 12 V, hardwired power supply, with ten 6 W outputs designed for use with remote-controlled insulating honeycomb and roller shades.

Features

- Class 2, 12 V power supply powers up to 10 remote-controlled shades
- Universal input voltage: 120-240V~ 50/60 Hz
- Electronic over-current and over-temperature protection
- Simple wiring scheme uses 2-conductor, low voltage link to provide power
- Compliant with U. S. Department of Energy Efficiency Level VI regulations for External Power Supplies.

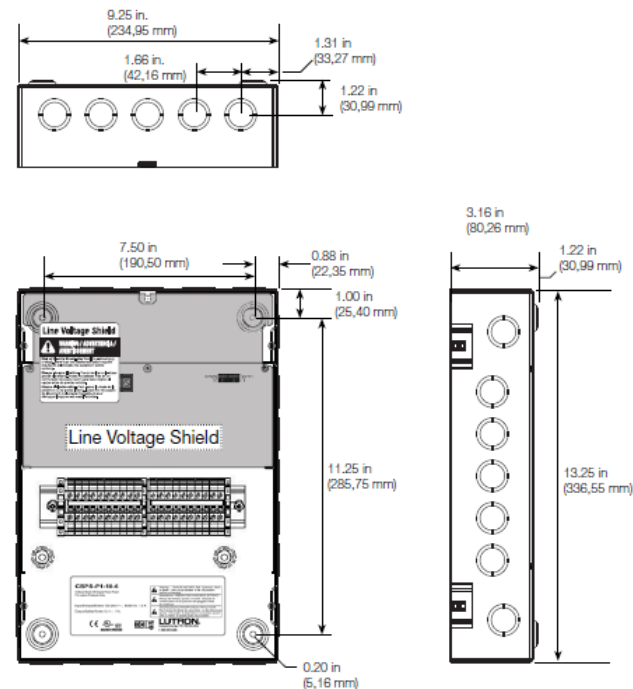
Specifications

Ratings

- Input Voltage: 120-240 V~
- Maximum input current: 1.5 A
- Operating frequency: 50/60 Hz
- Output Voltage: 12 V===
- Output Current: 5 A
- ESD Protection: (+/-) 16 kV
- Over Current Protection: Electronic Automatic Reset
- Thermal Protection: Electronic Automatic Reset
- Input Wires: 16-12 AWG (1.3 mm² - 3.3 mm²)
- Output Wires: 2-conductor 20-16 AWG (0.5 mm² - 1.3 mm²)
- Connections: Terminal blocks
- Maximum CSPA-P1-10-6: 5 panels per dedicated 15 A circuit breaker
- Weight: 8.25 lbs (+/- 0.25 lbs) (3,75 kg)



Dimensions



Environment

- Ambient Temperature Operating Range: 32 °F to 104 °F (0 °C to 40 °C)
- Relative humidity: 0% to 90% non-condensing
- For indoor use only

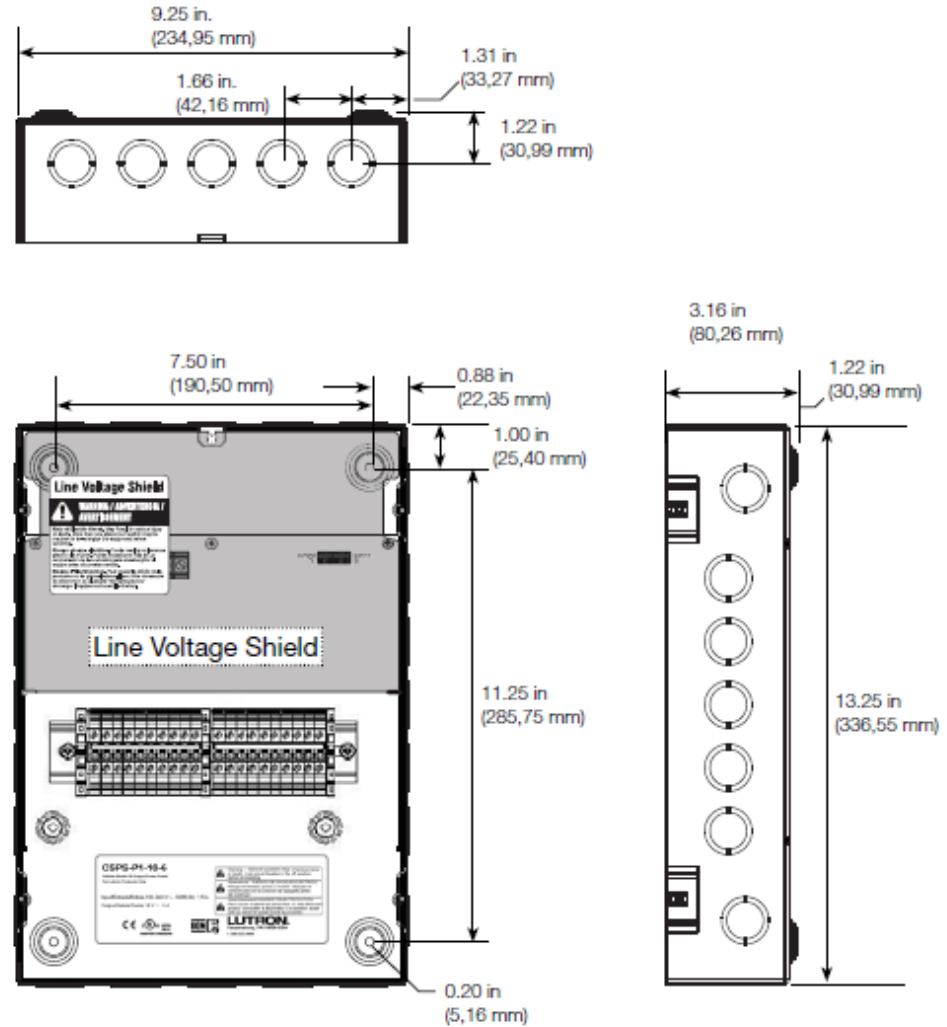
Regulatory

- cULus listed (E135084)
- FCC Compliant
- IEC Compliant (CE Marked)
- NOM



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Dimensions



Each blind requires LV 2 core 1.5mm² cable back to Lutron power panel.

Leave 1m tails at blind box position as marked in yellow.

Power Panel Wiring Guide

Use this chart to determine the maximum wire length to the shade, based on the gauge of the wire used.

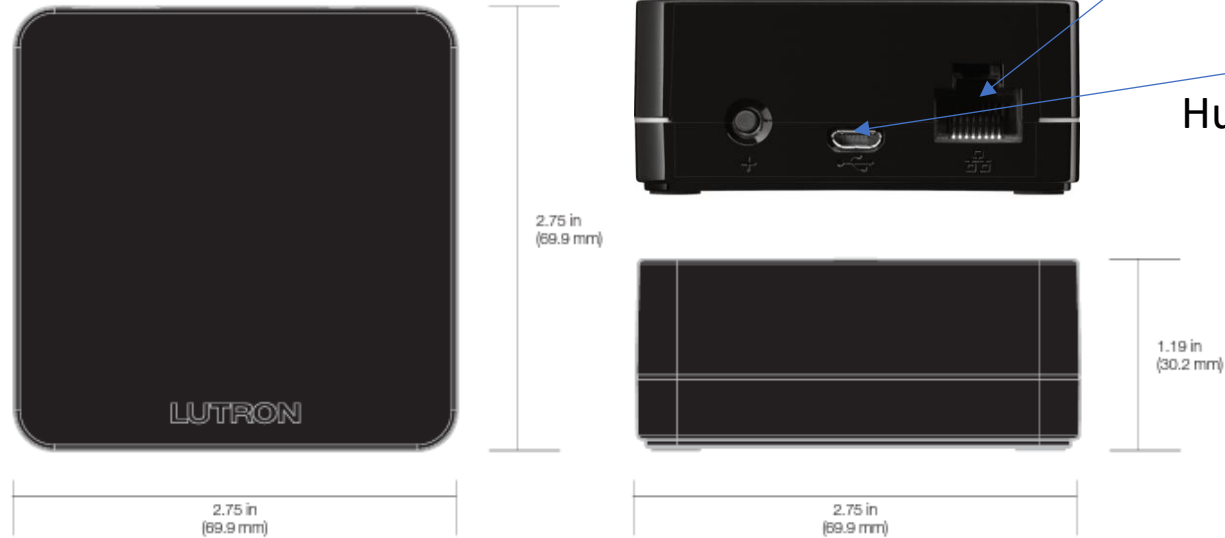
	16 AWG (1,5 mm ²)	18 AWG (1 mm ²)	20 AWG (0,5 mm ²)
Distance from panel to shade	200 ft (60 m)	125 ft (35 m)	75 ft (22 m)



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Lutron Ra2 Hub for App Control

Dimensions



Hub to have Ethernet connection direct from Wi-Fi Router and power from a socket.

Hub placement no more than 9 meters away from furthest blind (If not possible then repeaters are needed).

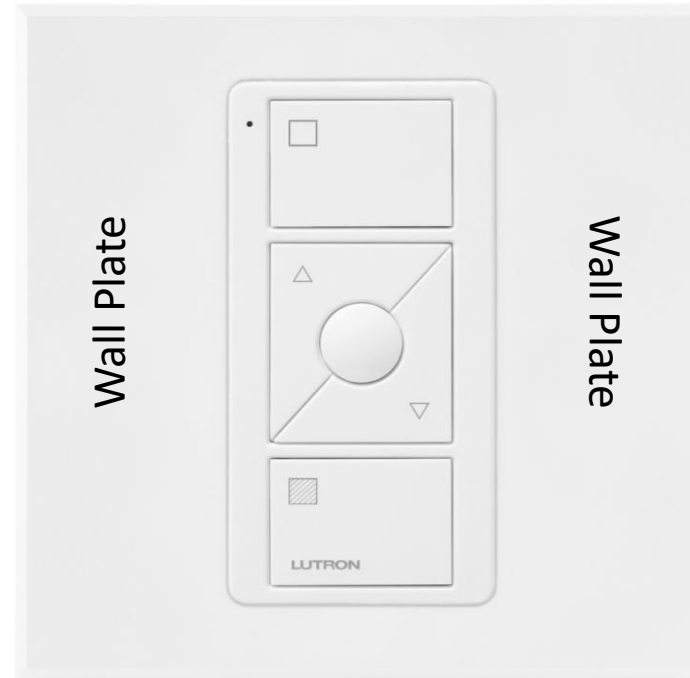
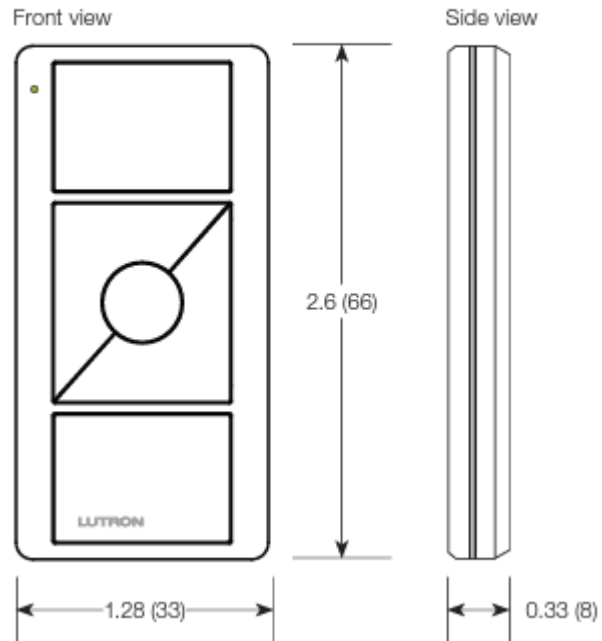


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Controls

Pico Wireless Control Dimensions

Measurements shown as: in (mm)



Remote comes in Black or White

**Wall plates come in
Black OR White**

Blinds to be operated with a PICO RF remote control (Controls all blinds as a group only).

Lutron App for individual control.



Lutron App ⁴⁺
Lutron Electronics co., Inc.
Designed for iPad
★★★★★ 4.7 • 553 Ratings
Free

*App available on Apple
and Android*



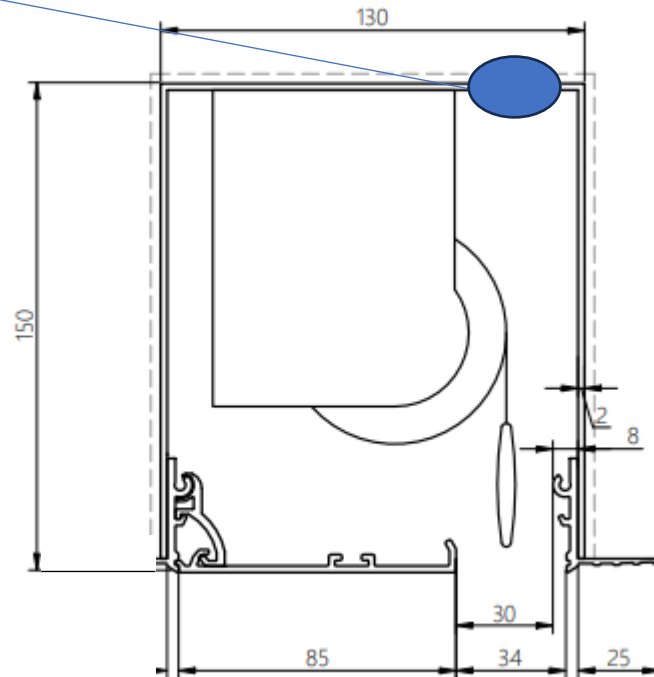
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Power Cable entry position

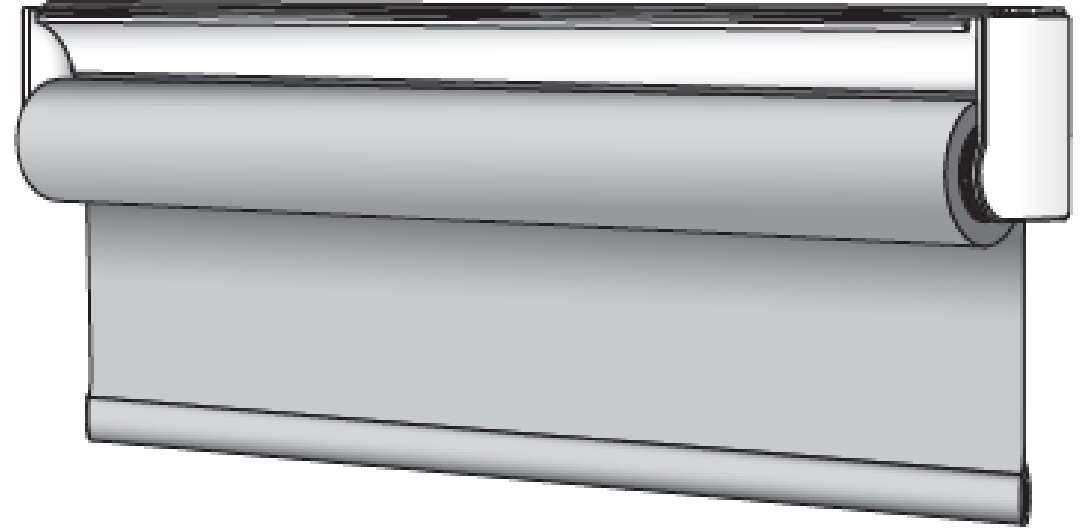
Electrical cable inlet position on box so it doesn't interfere with blind once installed

Hole size 30mm

HEAD BOX C130x150SS



1:2 scale






Battery and Wire-Power Models



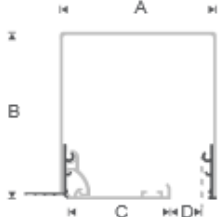
Blindspace Specifications

Please check


Project number:	P19865	Survey by:	DANIEL THOMPSON
Project Name:	CRUMP	Date Required:	ASAP
Delivery Address + Contact Name and Number			
Company name or Customer name:	GRANTS BLINDS		
Address:	Warren Business Centre, Single St, Berry's Green, Downe, bigginhill, Westerham TN16 3AB		
Contact person for delivery:	DANIEL		
Telephone:	7889639478		
Email for order information:	DANIEL.THOMPSON@GRANTSBLINDS.COM		
Comments:			


1. Head Box Only 2. Head Box + Side Boxes 3. Boxes on Four Sides




Box Dimensions



Front Corners



Cover Plates



Overview							Head Box					Side Boxes (if required)					Hem Bar Box (if required)					Cover					Accessories		
Position Reference	Configuration	Blinds to be installed	Front Corner 1	Front Corner 2	Colour RAL (Box)	Comments	Length (mm)	QTY	A	B	End caps	Length (mm)	QTY	A	B	End caps	Length (mm)	QTY	A	B	End caps	Single or Dual	Colour RAL (Cov)	Standard Width C	Custom Width C	Gap Width D	Splice Pins (Box)	Splice Plate (Cov)	Hole Grommet
B1	1 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3300	1	130	150	2											Single	9016	85		34			1
B2	2 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3300	1	130	150	2											Single	9016	85		34			1
B3	3 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3200	1	130	150	2											Single	9016	85		34			1
B4	4 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3200	1	130	150	2											Single	9016	85		34			1
B5	5 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3200	1	130	150	0											Single	9016	85		34			1
B6	6 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3200	1	130	150	0											Single	9016	85		34			1
B7	7 - Head Box Only	LUTRON ROLLERS	N - No Flange	S - Skim Flange	9016		3900	1	130	150	0											Single	9016	85		34			1



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Blindspace Specifications

Please Sign

Approval of this document confirms acceptance of the product/s and specification as outlined in the slide above, any subsequent changes may incur additional cost.

Issued to: Natascha Crump

Via: E-mail

Project Manager: Daniel Thompson

Name:

Signed:.....

Date:.....

Contractor Responsibilities

- To provide first fix power cables to box positions as shown
- Each blind must have its own power cable to be able to isolate each blind individually
- To terminate power inside the boxes using WAGO connectors
- To terminate the power into a Lutron panel—location to be agreed by the client
- Cable specification to be agreed by the client / electrician in accordance with motor data sheet supplied by Grants blinds.
- Upon final installation and commissioning of the blinds by Grants. All of the above must be met and power supplied to the blinds.
- If Power is not supplied to the blinds and as a consequence return visits are needed. Grants reserve the right to charge for extra days



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