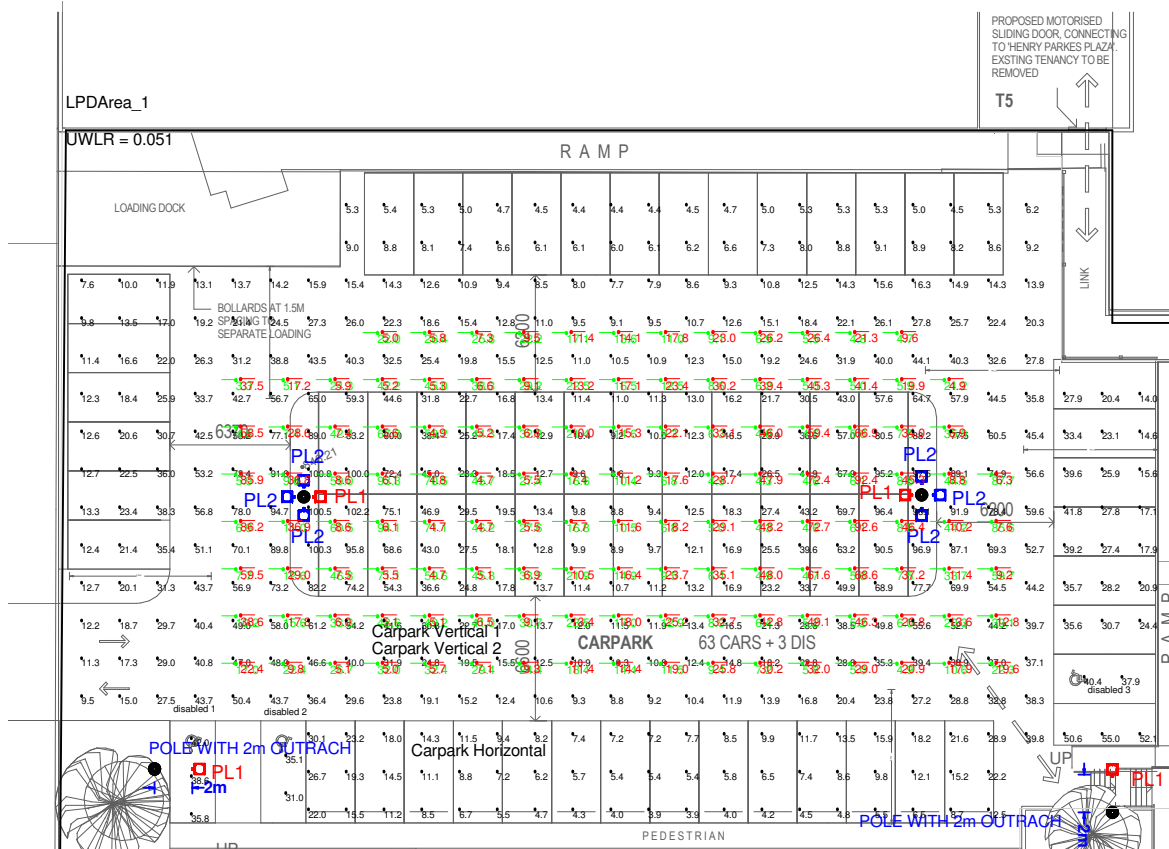
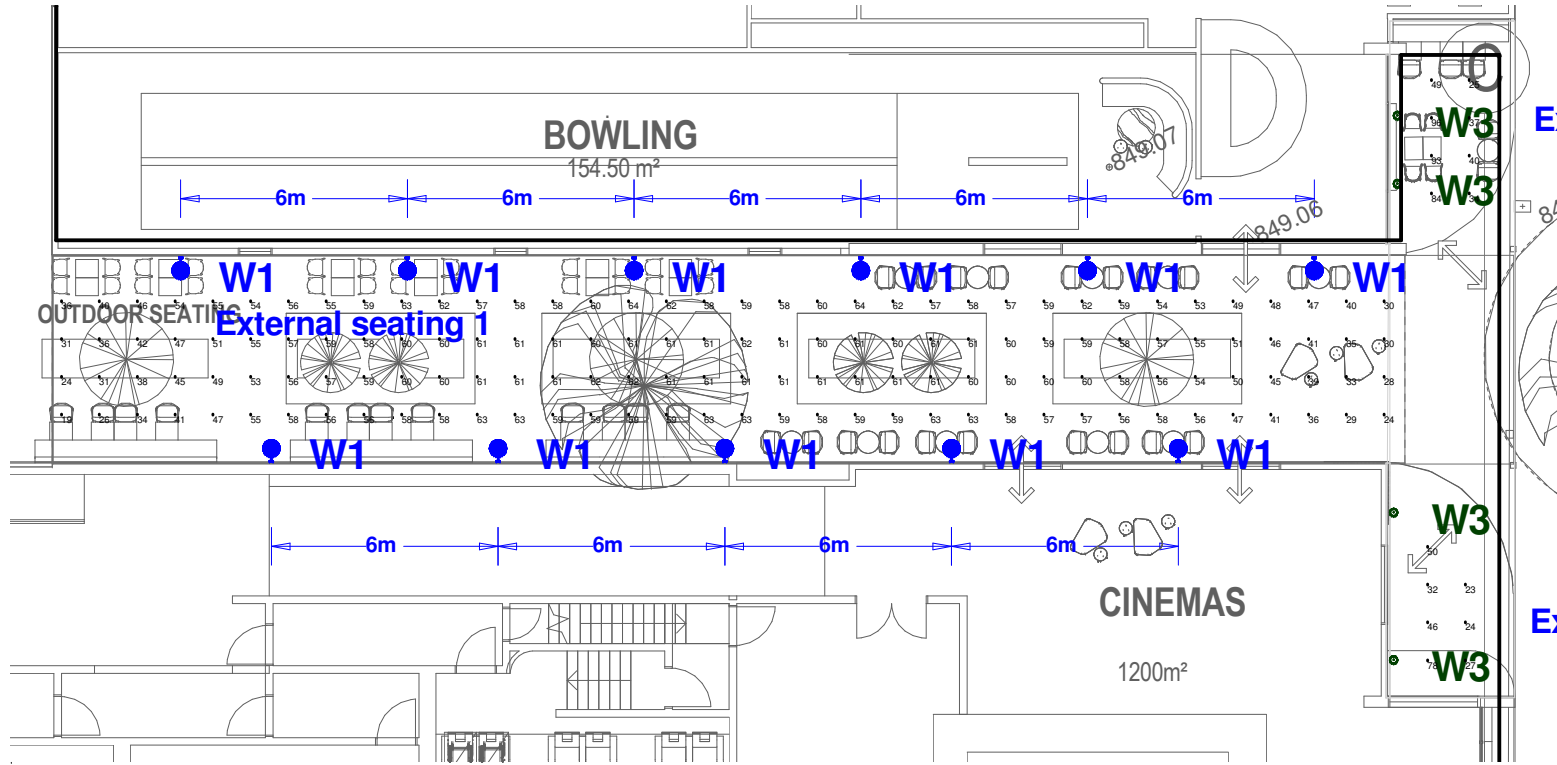




CARPARK LUXPLOT



MALL CONNECTION SEATING AREAS LUX PLOT

CALCULATION SUMMARY

Label	CalcType	Units	Avg. Horizontal Eh	Point Illuminance Eph/v	Uniformity Ue2	Grid Z
Carpark Horizontal	Illuminance	Lux	27.8	3.9	3.68	0
Carpark Vertical 1	Illuminance	Lux	N.A.	4.7	N.A.	1.5
Carpark Vertical 2	Illuminance	Lux	N.A.	3.3	N.A.	1.5
disabled 1	Illuminance	Lux	N.A.	35.8	N.A.	0
disabled 2	Illuminance	Lux	N.A.	31.0	N.A.	0
disabled 3	Illuminance	Lux	N.A.	37.9	N.A.	0
External seating 1	Illuminance	Lux	53.7	19	N.A.	0.7
External seating 2	Illuminance	Lux	57.3	25	N.A.	0.7
External seating 3	Illuminance	Lux	40.0	23	N.A.	0.7
Miles street pathway	Illuminance	Lux	30.1	4	N.A.	0

The proposed carpark lighting scheme complies with as1158.3.1:2020 cat PC1 and PCD

LUMINAIRE SCHEDULE

Symbol	Tag	Catalogue No.	Description	Lum. Watts	Total Lamp Lumens	LLF	Qty
	PL1	LPA-SL-FALS-70-740-L75x150-SL	Carpark light Pole mounted at 6m 20deg tilt, forward throw beam	71.2	9231.5	0.70	4
	PL2	LPA-SL-FALS-70-740-L45x155-SL	Carpark light Pole mounted at 6m 20deg tilt- Wide beam	71.2	9281.3	0.70	6
	W1	7620-0-3-668-neo place_1	Surface mounted decorative Wall light 652mm dia	35	5760	0.70	11
	W2	5602-D-3-677-XXmini skuna2	Surface mounted Wall light @4m	20	2100	0.70	11
	W3	5002-C-3-535-XX	Surface mounted up/down Wall light @ 2.4m	40	4540	0.70	4

Outcomes produced in lighting calculations are an estimation of expected light levels based on the information provided to LPA and should be used as a guide only. Actual results may vary due to conditions on site for which LPA are not liable.

Lighting Partners Austra
16a Palmer Parade, Cremorne
Richmond Victoria 3121
T: +61 3 8416 1500
F: +61 3 8416 1550
W: www.lpaust.com.au



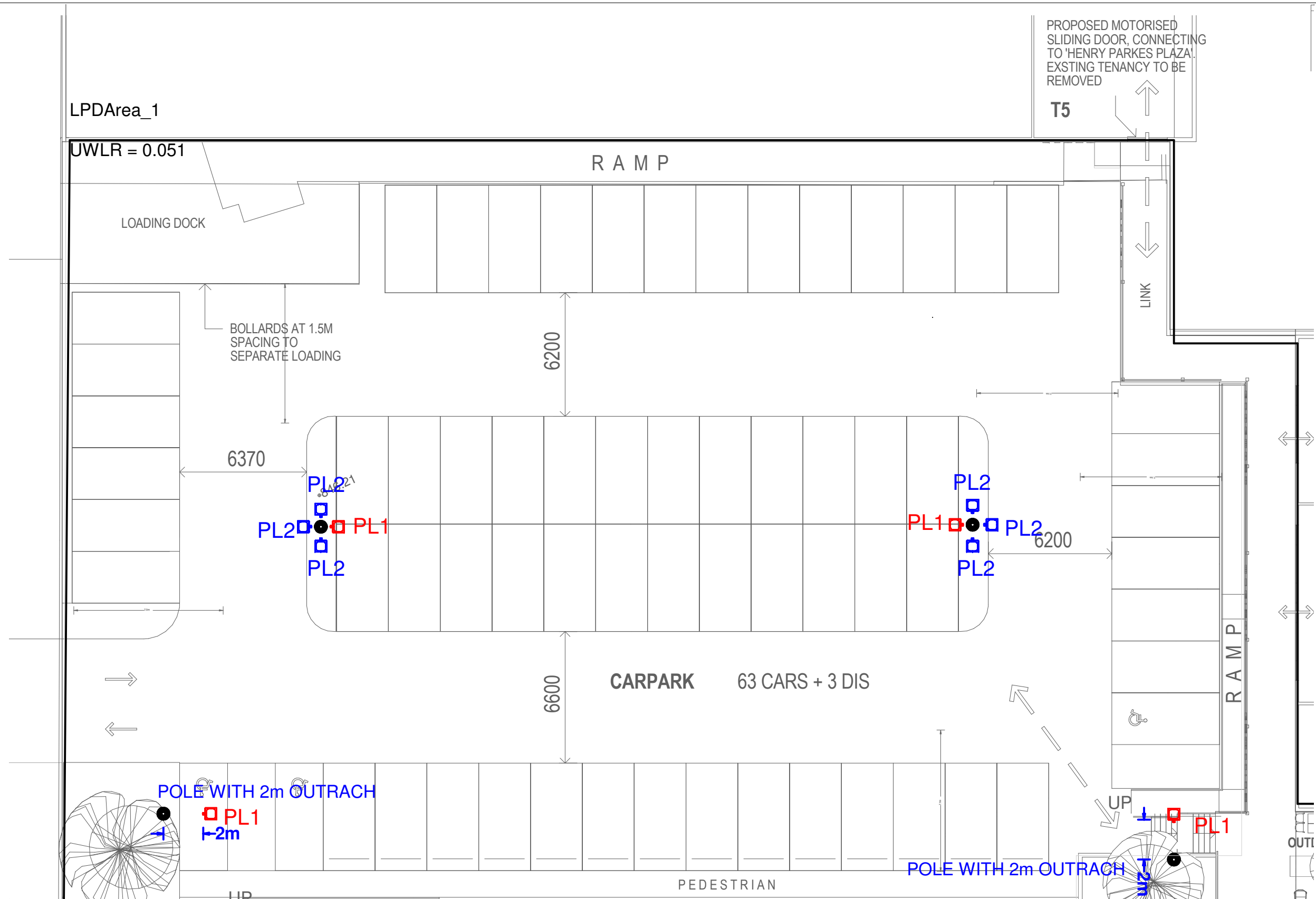
Contractor to check and verify all dimensions on site before commencing any work shown.

CINEMAS - 148 ROUSE ST, TENTERFIELD NSW

EXTERNAL LIGHTING - LUX PLOT CALCULATION

Scale :	NTS	Tenancy No :	Revision
Date :	28.09. 2021	Dwg No :	
Drawn :	LPA		
Checked :	LPA		

CP01



CARPARK PLAN 1:200@A3

LUMINAIRE SCHEDULE							
Symbol	Tag	Catalogue No.	Description	Lum. Watts	Total Lamp Lumens	LLF	Qty
	PL1	LPA-SL-FALS-70-740-L75x150-SL	Carpark light Pole mounted at 6m 20deg tilt, forward throw beam	71.2	9231.5	0.70	4
	PL2	LPA-SL-FALS-70-740-L45x155-SL	Carpark light Pole mounted at 6m 20deg tilt- Wide beam	71.2	9281.3	0.70	6

Outcomes produced in lighting calculations are an estimation of expected light levels based on the information provided to LPA and should be used as a guide only. Actual results may vary due to conditions on site for which LPA are not liable.

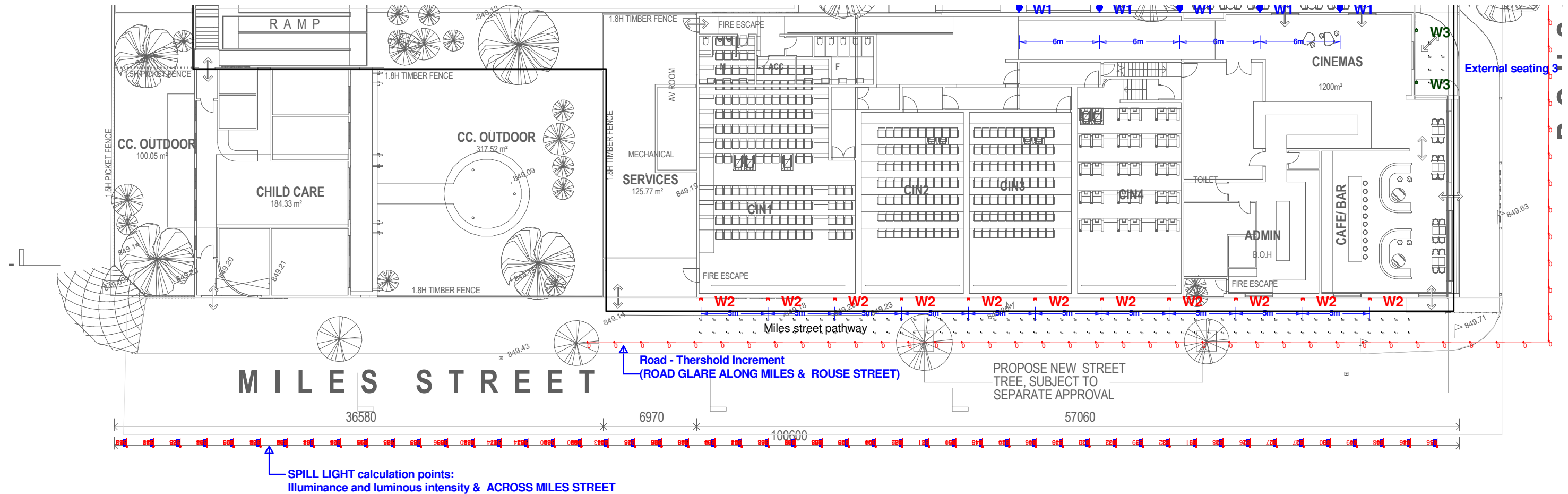
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16a Palmer Parade, Cremorne
Richmond Victoria 3121
T: +61 3 8416 1500
F: +61 3 8416 1550
W: www.lpaust.com.au

LIGHTING
AND ENERGY
SOLUTIONS

Contractor to check and verify all dimensions on site before commencing any work shown.

CINEMAS - 148 ROUSE ST, TENTERFIELD NSW
EXTERNAL LIGHTING - CARPARK LAYOUT

Scale :	NTS	Tenancy No :	Revision
Date :	28.09. 2021	Dwg No :	
Drawn :	LPA	CP02	-
Checked :	LPA		



Obtrusive Light - Compliance Report

AS 4282-1997, Post-Curfew, Residential - Light Surrounds
Filename: 200129 Terterfield NSW Cinemas - LPA External lighting calculation
28/09/2021 6:34:02 PM

Illuminance

Maximum Allowable Value: 2 Lux

Calculations Tested (1):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight Miles street_III_Seg1	PASS	1

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 1000 Cd

Calculations Tested (1):

Calculation Label	Test Results
ObtrusiveLight Miles street_Cd_Seg1	PASS

CALCULATION SUMMARY

Label	CalcType	Units	Avg. Horizontal Eh	Point Illuminance Eph/v	Uniformity Ue2	Grid Z
Miles street pathway	Illuminance	Lux	30.1	4	N.A.	0
ObtrusiveLight Miles street_Cd_S	Obtrusive Light	N.A.	198.9	0	N.A.	N.A
ObtrusiveLight Miles street_III_	Obtrusive Light	Lux	0.3	0	N.A.	N.A
Road - Thershold Increment	Obtrusive Light	%	0.0	0	N.A.	N.A

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F: +61 3 8416 1550
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Contractor to check and verify all dimensions on site before commencing any work shown.

CINEMAS - 148 ROUSE ST, TENTERFIELD NSW

EXTERNAL LIGHTING - OBTRUSIVE LIGHT CALCULATION

Scale :	NTS	Tenancy No :		Revision
Date :	28.09. 2021	Dwg No :		
Drawn :	LPA			
Checked :	LPA			

CP03

Outcomes produced in lighting calculations are an estimation of expected light levels based on the information provided to LPA and should be used as a guide only. Actual results may vary due to conditions on site for which LPA are not liable.

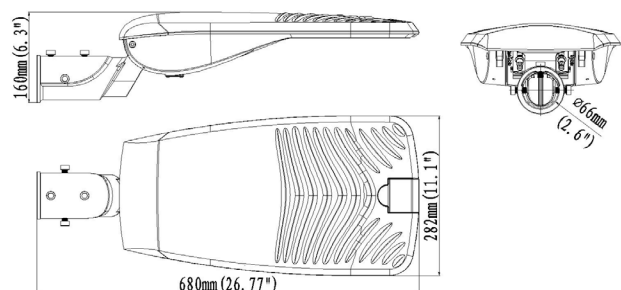


FALCON STREETLIGHT

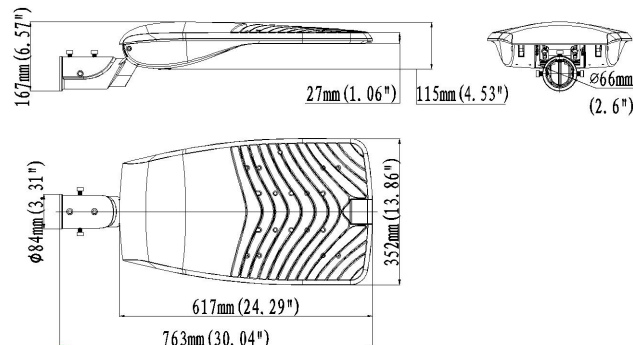
Designed for roadway and parking lot areas, the Falcon is a sleek low-profile streetlight perfect for replacing traditional street and area lighting. Its durable and streamlined cooling fins accelerate airflow to enhance heat dissipation performance. With an adjustable installation angle, this streetlight ensures versatility for multiple applications. Available in two sizes with various wattages and optics, the Falcon series is an excellent choice for your design needs.

Applications: traffic roads, security lighting, highways, residential areas, parking lots, plazas, industrial and more.

30W/50W/70W/90W



120W/150W/180W



PRODUCT FEATURES

- Light output, up to 23,100Lm
- Efficacy (up to 153Lm/W) delivering superior energy efficiency
- Ideal for all applications
- Life time 50,000 hours at 70% lumen maintenance
- Colour rendering exceeds CRI:70
- Beam Angle: 45x155°/75x150°
- CCT options 3000K/4000K
- 60mm spigot adaptor as standard
- Available colour silver
- Dimming options on request
- Flex and plug or direct connection
- Five Year Warranty



Model	Delivered Lumens	System Power	CCT	Beam Angle
SL-FALS-30	4600Lm/4100Lm	30W	3000K/4000K	45x155°/75x150°
SL-FALS-50	6500Lm/6300Lm	50W	3000K/4000K	45x155°/75x150°
SL-FALS-70	9200Lm	70W	3000K/4000K	45x155°/75x150°
SL-FALS-90	11500Lm	90W	3000K/4000K	45x155°/75x150°
SL-FALL-120	15700Lm/15500Lm	120W	3000K/4000K	45x155°/75x150°
SL-FALL-150	19600Lm/20400Lm	150W	3000K/4000K	45x155°/75x150°
SL-FALL-180	23100Lm	180W	3000K/4000K	45x155°/75x150°
CRI	Material	Voltage	Colour	Dimming Options
>70	Aluminium	220-240V	Silver	Available on request



Accessories

(available on request)



Spigot Adaptor
(34mm / 42mm / 76mm)



Wall Mounting Adaptor



T Spigot Adaptor



Nema Socket
(3 pin / 5 pin / 7 pin)