



TYPE ST

**NOTE**

THIS DRAWING IS INTENDED TO CONVEY THE DESIGN CONCEPT ONLY. IT IS EXPECTED THAT THE DESIGN WILL BE FURTHER DEVELOPED.

THIS DESIGN IS BASED ON THE LIMITED INFORMATION PROVIDED AND MUST BE REVIEWED AND INTEGRATED INTO THE BUILDING DESIGN BY THE ELECTRICAL ENGINEER AND ELECTRICAL CONTRACTOR,

ILLUMINATION AND LIGHTING UNIFORMITY HAS BEEN DESIGNED TO COMPLY WITH THE RELEVANT SECTIONS OF AS1158.3.1 TABLE 2.1 - CATEGORY P4

THE ILLUMINATION VALUES SHOWN ARE HORIZONTAL MAINTAINED AT GROUND LEVEL.

- THE LIGHT LOSS FACTOR USED WAS CALCULATED TO COMPLY WITH AS1680.4:2001
- CLEANING OF LUMINAIRES AND ROOM SURFACES IN A NORMAL ENVIRONMENT EVERY 24 MONTHS.
- L70 LED OUTPUT (50,000 HOURS APPROX)
- SPOT REPLACEMENT OF FAILED LAMPS

COMPLIANCE WITH SPILL LIGHT AUSTRALIAN STANDARD AS4282 HAS BEEN EVALUATED, AND DEEMED TO COMPLY

COMPLIANCE WITH THE EMERGENCY AND EXIT SIGN AUSTRALIAN STANDARD AS2293 HAS NOT BEEN EVALUATED.

PHOTOMETRIC DATA SUPPLIED BY MANUFACTURER. LIGHTING CALCULATION SOFTWARE USED IS AGI32.

PLEASE ENSURE LIGHTING LEVELS ARE AS EXPECTED.

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	28	ST	SINGLE	6332.1	0.700	HJR LIGHTING SLKE50-4K 50W LED STREET LANTERN - 4000K

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Circulation Roadway	Illuminance	Lux	14.62	84.0	1.5	0.10	0.02
ObtrusiveLight_1 BLUE_Cd_Seg1	Obtrusive Light - Cd	N.A.	7.07	67	0	0.00	0.00
ObtrusiveLight_1 BLUE_Ill_Seg1	Obtrusive Light - Ill	Lux	0.09	0.6	0.0	0.00	0.00
ObtrusiveLight_1 BROWN_Cd_Seg1	Obtrusive Light - Cd	N.A.	38.58	316	0	0.00	0.00
ObtrusiveLight_1 BROWN_Ill_Seg1	Obtrusive Light - Ill	Lux	0.43	6.9	0.0	0.00	0.00
ObtrusiveLight_1 GREEN_Cd_Seg1	Obtrusive Light - Cd	N.A.	32.76	1185	0	0.00	0.00
ObtrusiveLight_1 GREEN_Ill_Seg1	Obtrusive Light - Ill	Lux	0.14	9.3	0.0	0.00	0.00
ObtrusiveLight_1 RED_Cd_Seg1	Obtrusive Light - Cd	N.A.	33.54	324	0	0.00	0.00
ObtrusiveLight_1 RED_Ill_Seg1	Obtrusive Light - Ill	Lux	0.38	7.1	0.0	0.00	0.00

RAND Lighting Services provides this calculation "as is" without representation or warranty of any kind. The company shall be under no liability to the customer for failure to attain such figures, unless the performance of the goods is specifically guaranteed in writing and any such written guarantee shall be subject to recognised manufacturing variations and tolerances applicable to the goods.

This calculation is based upon specified parameters supplied by the client, and other design inputs assumed by us, as detailed in this document

In practice, there may be variations due to differences in as - installed luminaire positioning, room surface reflectance, supply voltage, photometric tolerances etc and normally accepted uncertainties. RAND Lighting Services reserves the right to modify the lighting scheme if relevant information subsequently becomes available.

Project: AVEO RETIREMENT VILLAGE  
ISLAND POINT ROAD & MERITON ST  
ST GEORGES BASIN

Client: HJR LIGHTING  
(NOEL ATTARD)

Project No.	Quote No	Date
HJR60917		
Drawing No.	Designed By:	
	Robert Anderson	
Revision No.	File:	

