

i series

pedestrian scale integrated solar light

Compact

LED light, solar panel, battery & control gear all in one

Smart

Full power first three hours

Energy saving mode rest of night

Sensor boosts to full power

Cost effective

And quick and easy to install

- ≡ Pathways & bikeways
- ≡ Parks & reserves
- ≡ Jetties & marinas
- ≡ Parks & reserves
- ≡ Open spaces
- ≡ Temporary lighting



ORCA[®]
SOLAR LIGHTING



PREFERRED
SUPPLIER
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PROCUREMENT
APPROVED CONTRACTOR

i series

Pedestrian scale integrated solar light

Well suited for green area shown on the map. Solar panel is required to face north and have all day sun to operate reliably.



	i 1200	i 500
Construction	Aluminum alloy with stainless steel fasteners	
Solar panel	15w monocrystalline	7w monocrystalline
	Panel to face equator & requires all day winter sun	
Light source	10w LED 6000k	5w LED 6000k
Batteries	LiFePO4 provides 40 hours operation (3 to 4 nights) without charging	
Motion sensor	Passive infrared	
Operating profile	100% illumination for first 3 hours, dimming to 25% illumination for rest of night. In dimming mode, illumination increases to 100% when motion is detected by sensor	
Mounting	4 to 5m height	3 to 4m height
	Bracket mounts to 60mm pipe section	
Certification	RCM (C tick), CE, RoSH	
Dimensions	Product 740mm x 230mm x 44mm excluding mounting bracket, packaged 850mm x 270mm x 200mm (mass 8.5kg)	Product 505mm x 230mm x 44mm excluding mounting bracket, packaged 615mm x 270mm x 200mm (mass 6.5kg)
Warranty	Two Years	Two Years

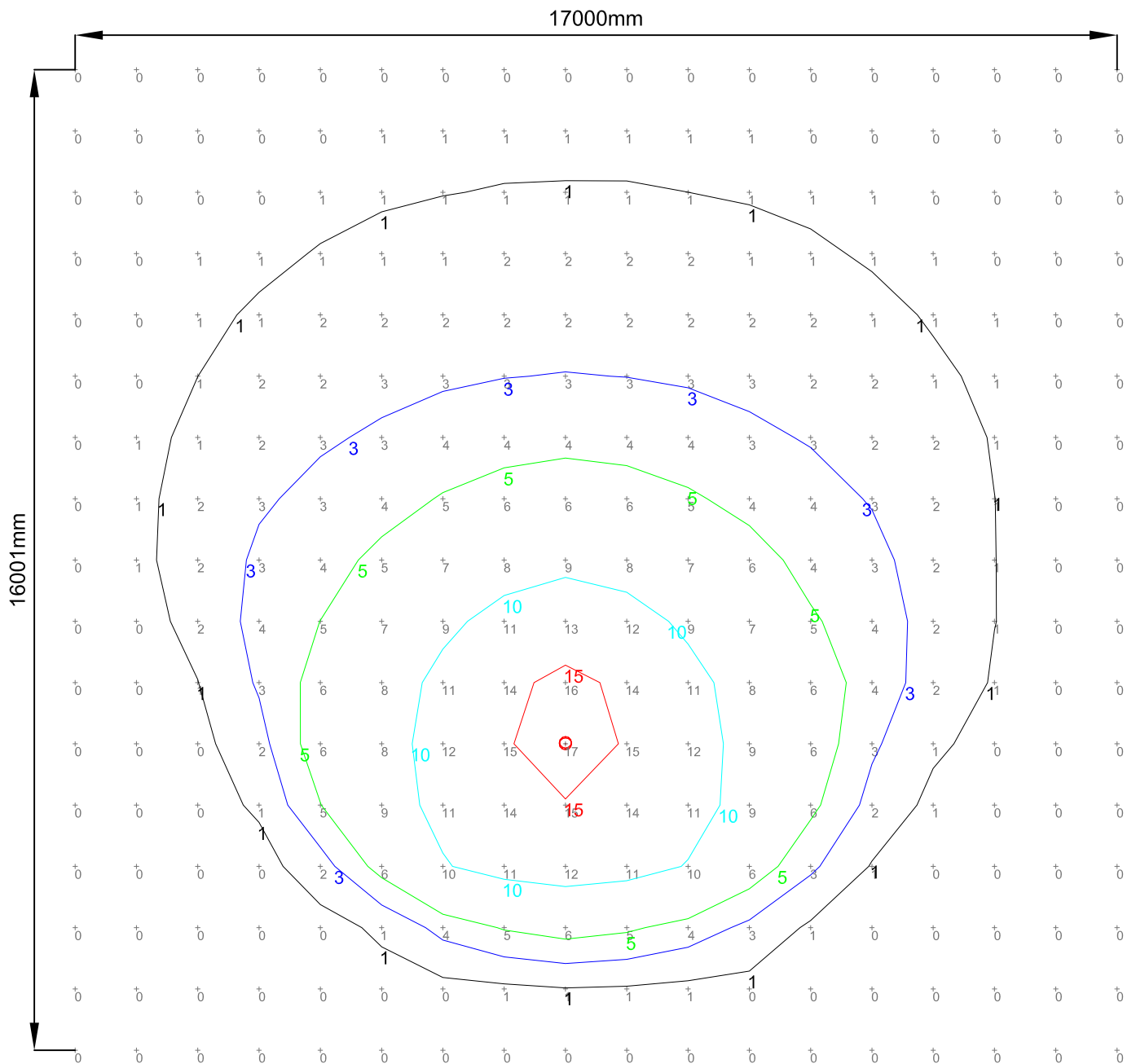


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LH_Luminaire Schedule								
Symbol	Qty	Label	Description	Height	Orient	Lumens	LLF	Filename
⊙	1	L1	ORCA i1200 (1000LM) 10W LED 15 DEG UPCAST ANGLE AREA LUMINAIRE	4.3 Metres	90 Deg	1000	0.800	i1200 (1000LM)_TEST.IES

NOTES:

ILLUMINANCE LEVELS ARE AT GROUND LEVEL AT 1000mm x 1000mm GRID PER CLIENT SPECIFICATION.

PHOTOMETRIC DATA WAS PROVIDED BY MANUFACTURER. SOFTWARE USED FOR CALCULATIONS IS AGI32.

CALCULATIONS ARE SUBJECT TO ACCURACIES AND TOLERANCES NOMINATED IN AUSTRALIAN AND NEW ZEALAND STANDARDS AS/NZS 3827.1:1998 AND AS/NZS 3827.2:1998.

Rev	Date	Revision Details	By
0	18/01/16	Initial Isolux Diagram	DP

			ISOLUX DIAGRAM				Signed	Sheet	Drawing No.	Rev. No.
			Date	Scale	Size	Design Number				
APPROVED CONTRACTOR			18/01/16	NTS	A3	6964-1	DP	1/1	6964E1	0

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