



**A** LIGHTING DESIGN LAYOUT-OPTION 1  
SCALE 1:1500@A3

Luminaire Location Summary						
Scene: Option 1 - Weef VFL500						
LumNo	Label	X	Y	Z	Orient	Tilt
1	Weef VFL530 12W P65 SE	503.023	1054.31	6	96.392	0
2	Weef VFL530 12W P65 SE	548.016	1053.98	6	89.959	0
3	Weef VFL530 12W P65 SE	592.38	1059.141	6	106.681	0
4	Weef VFL530 12W P65 SE	632.771	1078.409	6	120.6	0
5	Weef VFL530 12W P65 SE	672.786	1098.616	6	109.639	0
6	Weef VFL530 12W P65 SE	717.04	1104.841	6	90.1	0
7	Weef VFL530 12W P65 SE	760.383	1096.386	6	56.952	0
8	Weef VFL530 12W P65 SE	797.54	1071.01	6	55.453	0
9	Weef VFL530 12W P65 SE	836.172	1048.044	6	63.581	0
10	Weef VFL530 12W P65 SE	846.373	1057.657	6	277.91	0
11	Weef VFL530 12W P65 SE	890.969	1057.026	6	258.28	0
12	Weef VFL530 12W P65 SE	935.53	1051.737	6	270.033	0
13	Weef VFL530 12W P65 SE	980.461	1051.265	6	264.014	0

Luminaire Schedule									
Scene: Option 1 - Weef VFL500									
Symbol	Qty	Label	Description	LLF	Arm	Lum. Watts	Lum. Lumens	[TEST]	
	13	Weef VFL530 12W P65 SE	Weef VFL530 0.5 x 12W P65 SE 108-1881	0.500	0	27	2965	5103	

Calculation Summary						
Scene: Option 1 - Weef VFL500						
Label	CalcType	Meter Type	Units	Max	PI\$pcLr	PI\$pcTb
ObtrusiveLight_1_III_Seg1	Obtrusive Light - III	Vert-PerpCCW	Lux	0.3	2	1
ObtrusiveLight_2_III_Seg1	Obtrusive Light - III	Vert-PerpCCW	Lux	0.2	2	1
ObtrusiveLight_2_III_Seg2	Obtrusive Light - III	Vert-PerpCCW	Lux	0.1	2	1

Issue: P1  
Amendment: PRELIMINARY ISSUE  
Date: 08-11-18



- Notes:
- Please zoom into digital PDF to view illuminance values
  - Calculation carried out at maintenance factor of 1
  - Horizontal illuminance values not shown for clarity of vertical illuminance values
  - Lighting Technical Criteria from AS/NZS 1158.3.1:2005 - for Roads and Footpaths - Category P4:
    - Average Horizontal Illuminance > 0.85 lx
    - Point Horizontal Illuminance > 0.14 lx
    - Horizontal Uniformity Max/Avg < 10

Lead Consultant:  
Client: NORTHERN BEACHES COUNCIL

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Project: MANLY LAGOON PATHWAY LIGHTING  
Drawing: PATHWAY LIGHTING - P4 CATEGORY  
WE-EF VFL530 OPTION  
Drawn: MZ  
Date: NOV 2018  
Project No: L155R  
Drawing No: CL-300  
Scale: AS SHOWN  
Rev: P1