

Customer:
Beekay Electrical Ltd

Operator:
Stephan den Boer

Project address:
Pennine Service Station

Date:
4-12-2019

Bever Innovations
Technieweg 2, 4301 RT
Zierikzee,
The Netherlands

+31 (0)111-74 54 00
+31 (0)638-69 08 02
sbo@beverinnovations.com



SBO04122019_Pennine_V3

The heights of the wall and houses are estimates, based off Google Maps.





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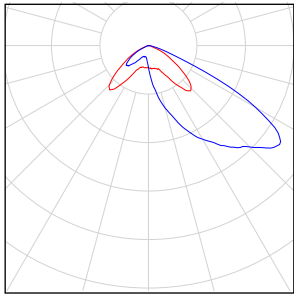
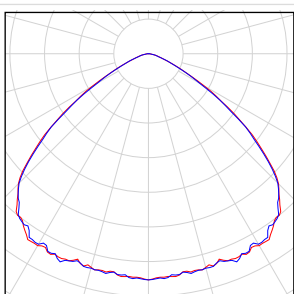
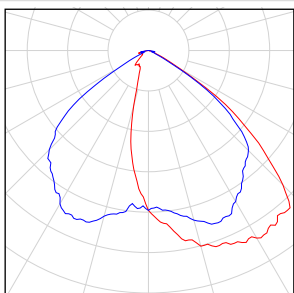
Canopy

 Workplane (Canopy) / Perpendicular illuminance (adaptive)..... 6

Site

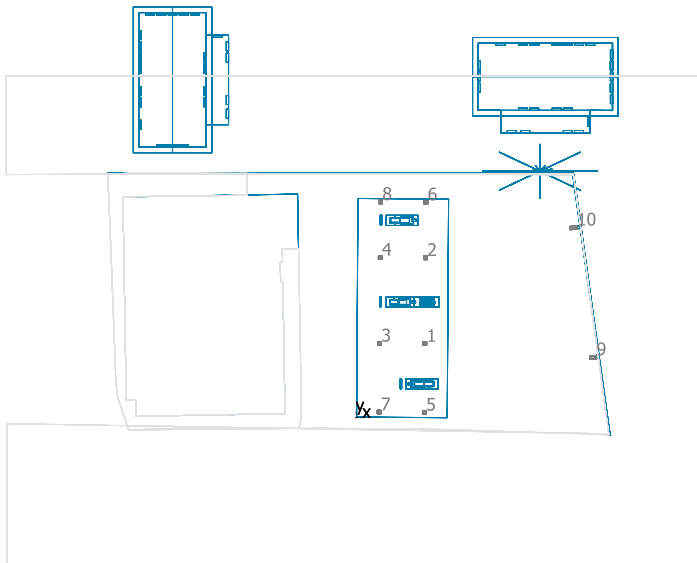
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Quantity	Luminaire (Luminous emittance)		
2	Bever Innovations - # 16882 [Ambiente01-A-WB01-25LED-N0-50W (EOS2 5700K)] Luci Series Ambiente. A-Symm. Wide Beam. 25LED - N0. 50W default. 5700K. EOS2. Luminous emittance 1 Fitting: 1x100% (50W) - Default Light output ratio: 100% Lamp luminous flux: 5527 lm Luminaire luminous flux: 5527 lm Power: 50.0 W Luminous efficacy: 110.5 lm/W Colourimetric data 1x: CCT 5700 K, CRI 73	See our luminaire catalog for an image of the luminaire.	
4	Bever Innovations - #16760 LUCI02-S-MB01-50LED-N0-125W (EOS2,5700K) 16760 - Luci Series V2. Symm. 102W default - 50LEDs. White. Medium Beam. N0 LEDs. 5700K. EOS2 Luminous emittance 1 Fitting: 1x60% (79W) Light output ratio: 100% Lamp luminous flux: 9491 lm Luminaire luminous flux: 9491 lm Power: 79.0 W Luminous efficacy: 120.1 lm/W Colourimetric data 1x: CCT 5700 K, CRI 73	See our luminaire catalog for an image of the luminaire.	
4	Bever Innovations - #16762 LUCI02-A-MB02-50LED-N0-125W (EOS2,5700K) Rev0 16762 - Luci Series V2. ASymm. 102W default - 50LEDs. White. Medium Beam. N0 LEDs. 5700K. EOS2 Luminous emittance 1 Fitting: 1x50% (67W) Light output ratio: 100% Lamp luminous flux: 8052 lm Luminaire luminous flux: 8052 lm Power: 67.0 W Luminous efficacy: 120.2 lm/W Colourimetric data 1x: CCT 5700 K, CRI 73	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 81226 lm, Total luminaire luminous flux: 81226 lm, Total Load: 684.0 W, Luminous efficacy: 118.8 lm/W

Site 1



Bever Innovations #16760 LUCI02-S-MB01-50LED-N0-125W (EOS2,5700K) 16760 - Luci Series V2. Symm. 102W default - 50LEDs. White. Medium Beam. N0 LEDs. 5700K. EOS2

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
1	6.141	6.591	5.000	1.00
2	6.197	14.249	5.000	1.00
3	2.098	6.621	5.000	1.00
4	2.155	14.279	5.000	1.00

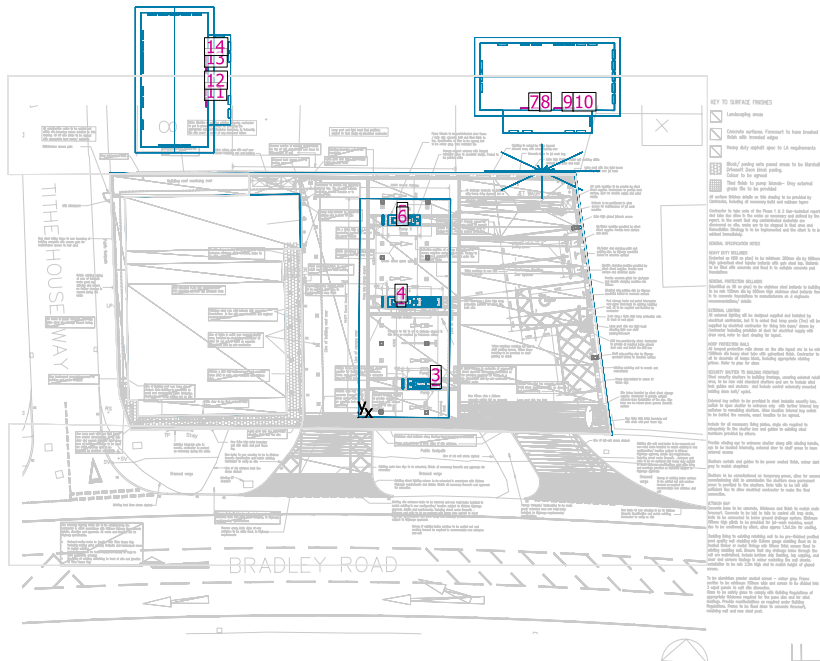
Bever Innovations #16762 LUCI02-A-MB02-50LED-N0-125W (EOS2,5700K) Rev0 16762 - Luci Series V2. ASymm. 102W default - 50LEDs. White. Medium Beam. N0 LEDs. 5700K. EOS2

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
5	6.096	0.455	5.000	1.00
6	6.234	19.213	5.000	1.00
7	2.053	0.485	5.000	1.00
8	2.191	19.243	5.000	1.00

Bever Innovations # 16882 [Ambiente01-A-WB01-25LED-N0-50W (EOS2 5700K)] Luci Series Ambiente. A-Symm. Wide Beam. 25LED - N0. 50W default. 5700K. EOS2.

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
9	21.173	5.363	6.000	1.00
10	19.420	16.941	6.000	1.00

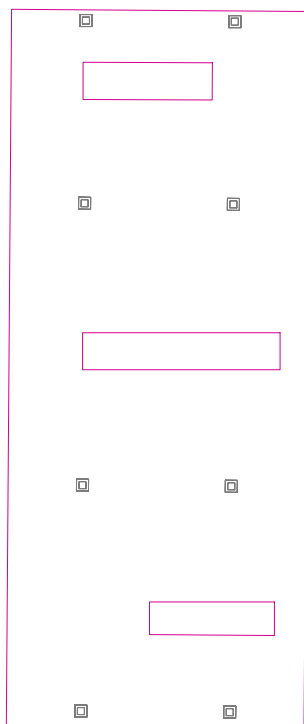
Site 1



Maintenance factor: 1.00

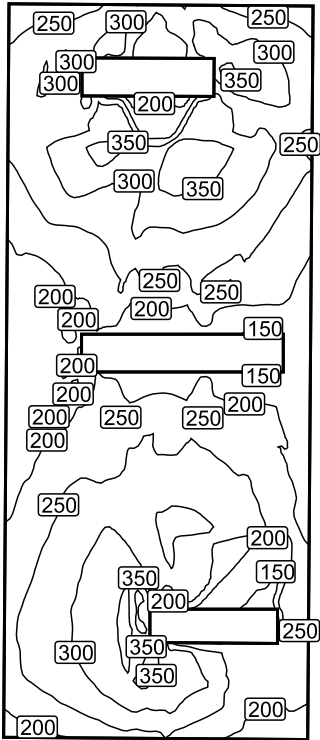
Surface result objects

	Surface	Result	Average	Min	Max	Min/average	Min/max
1	Nozzle	Perpendicular illuminance (adaptive) [lx]	195	195	195	1.00	1.00
2	Nozzle	Perpendicular illuminance (adaptive) [lx]	297	297	297	1.00	1.00
3	Nozzle	Perpendicular illuminance (adaptive) [lx]	171	171	171	1.00	1.00
4	Nozzle	Perpendicular illuminance (adaptive) [lx]	172	172	172	1.00	1.00
5	Nozzle	Perpendicular illuminance (adaptive) [lx]	377	377	377	1.00	1.00
6	Nozzle	Perpendicular illuminance (adaptive) [lx]	228	228	228	1.00	1.00
7	Window house 2	Perpendicular illuminance (adaptive) [lx]	1.10	1.10	1.10	1.00	1.00
8	Window house 2	Perpendicular illuminance (adaptive) [lx]	0.70	0.70	0.70	1.00	1.00
9	Window house 2	Perpendicular illuminance (adaptive) [lx]	0.38	0.38	0.38	1.00	1.00
10	Window house 2	Perpendicular illuminance (adaptive) [lx]	0.099	0.099	0.099	1.00	1.00
11	Window house 1	Perpendicular illuminance (adaptive) [lx]	0.52	0.52	0.52	1.00	1.00
12	Window house 1	Perpendicular illuminance (adaptive) [lx]	0.75	0.75	0.75	1.00	1.00
13	Window house 1	Perpendicular illuminance (adaptive) [lx]	0.44	0.44	0.44	1.00	1.00
14	Window house 1	Perpendicular illuminance (adaptive) [lx]	0.26	0.26	0.26	1.00	1.00

Workplane (Canopy) / Perpendicular illuminance (adaptive)**Workplane (Canopy): Perpendicular illuminance (adaptive) (Surface)****Light scene: Light scene 1**

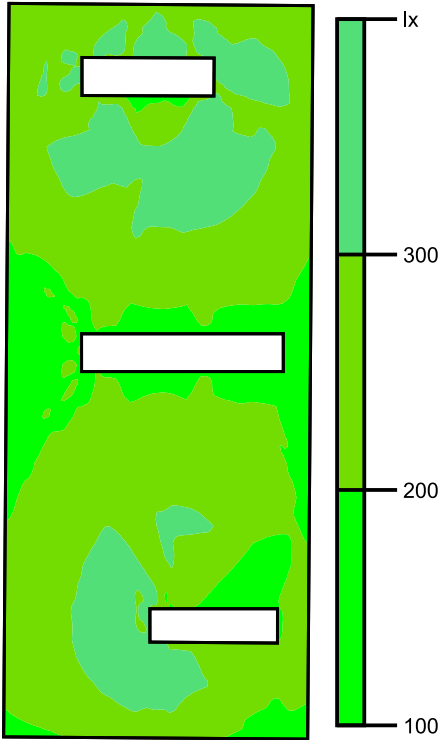
Average: 254 lx (Target: ≥ 250 lx), Min: 133 lx, Max: 397 lx, Min/average: 0.52, Min/max: 0.34
Height: 0.000 m, Wall zone: 0.000 m

Isolines [lx]

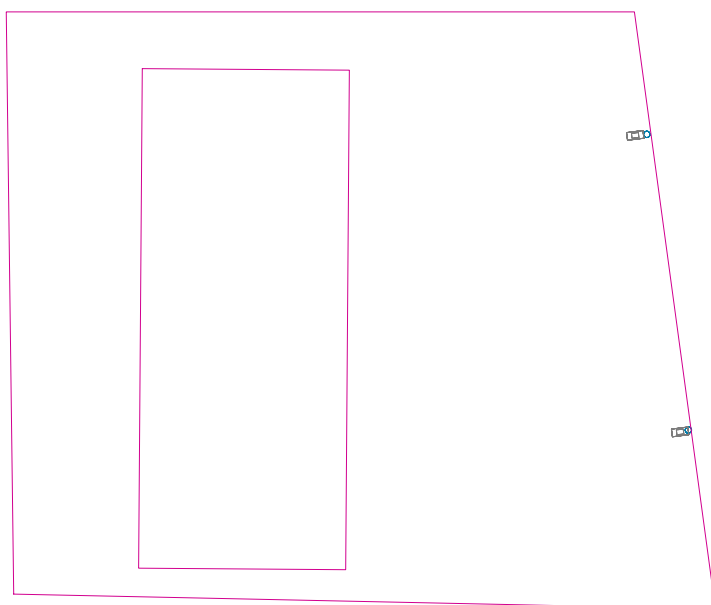


Scale: 1 : 200

False colours [lx]



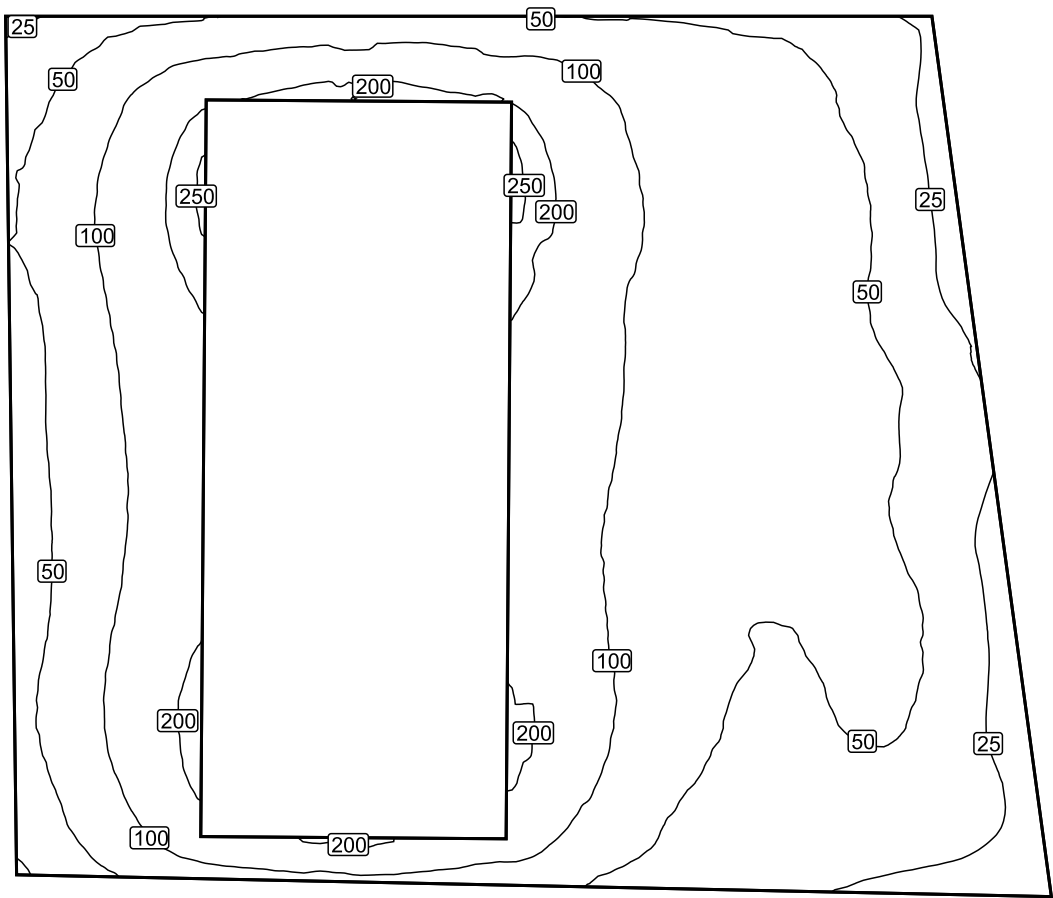
Scale: 1 : 200

Workplane (Site) / Perpendicular illuminance (adaptive)**Workplane (Site): Perpendicular illuminance (adaptive) (Surface)****Light scene: Light scene 1**

Average: 82.4 lx (Target: ≥ 25.0 lx), Min: 8.35 lx, Max: 265 lx, Min/average: 0.10, Min/max: 0.032

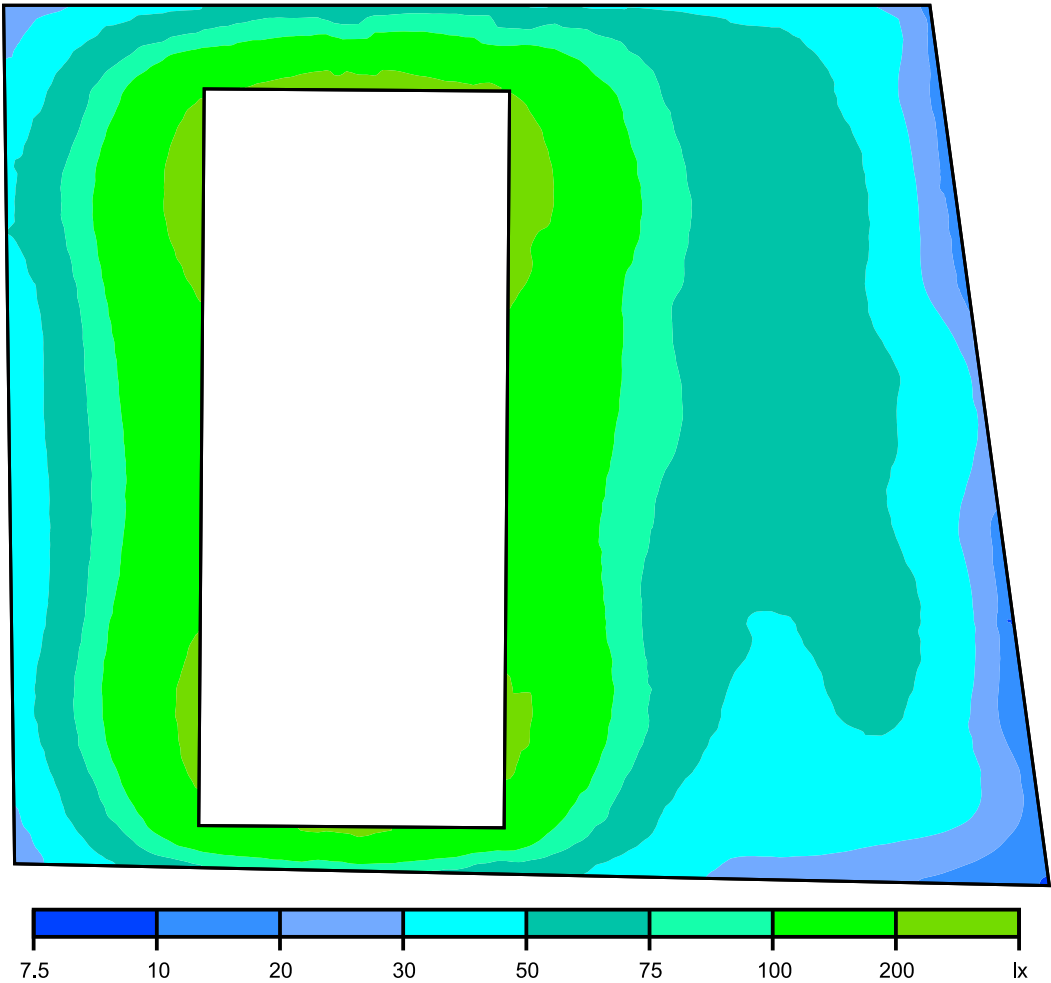
Height: 0.000 m, Wall zone: 0.000 m

Isolines [lx]



Scale: 1 : 200

False colours [lx]



Scale: 1 : 200