

Tango Maurik

Firma: Kuwait Petroleum (Nederland) B. V.
Contactpersoon: R. Haas
Project: Tango Maurik

Date: 23.10.2012
Operator: H. Jongebreur



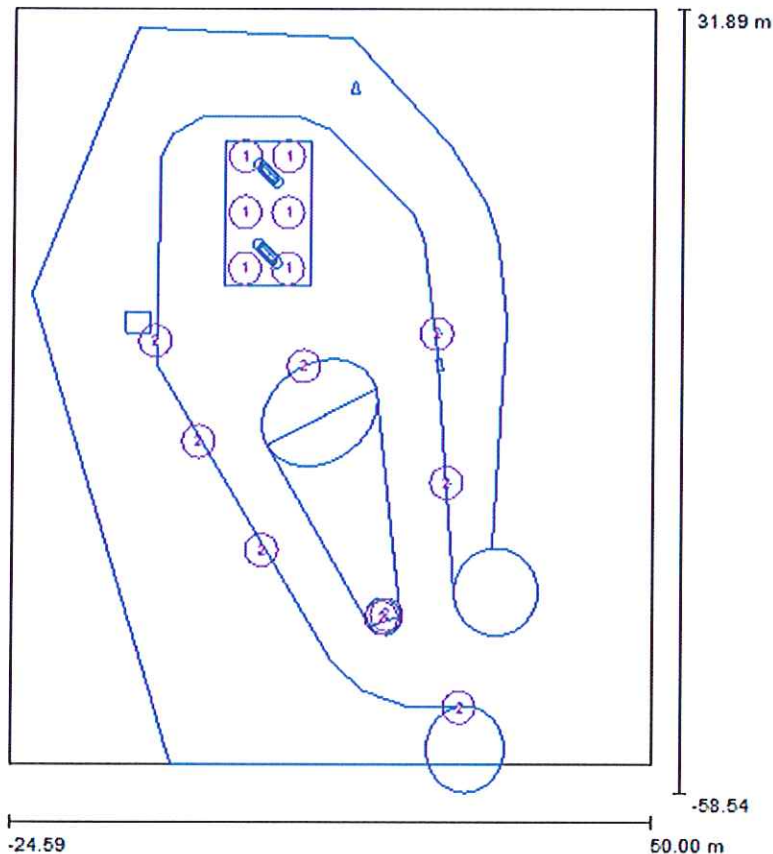
Table of contents

Tango Maurik	
Project Cover	1
Table of contents	2
Tango Maurik vol vermogen	
Planning data	3
Luminaire parts list	4
Luminaires (layout plan)	5
Luminaires (coordinates list)	6
Calculation surfaces (results overview)	8
3D Rendering	9
False Colour Rendering	10
Exterior Surfaces	
Luifel 1m hoogte	
Isolines (E, Horizontal)	11
Station 1m hoogte	
Isolines (E, Horizontal)	12

Bever Innovations B.V.

Industrieweg 32
4301 RS ZierikzeeOperator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / Planning data



Maintenance factor: 0.90, ULR (Upward Light Ratio): 0.0%

Scale 1:839

Verlichtingsplan voor nieuwbouw Tango Maurik.

Gebruikte LUCI armaturen:

- 6x LUCI V2 60 LED 80W luifelspot
- 9x LUCI V2 60 LED asymetrisch 100W polemount

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	6	Bever Innovations #13524 [LUCI02-S-MB01-60LED-80%] LUCI02, Symmetrical, Medium Beam 01, 60LED, 80% default, + stekker, R1.1 (1.000)	5480	5602	77.0
2	9	Bever Innovations #13918 [LUCI02-A-MB01-60LED-100%] LUCI02, Asymmetrical, Medium Beam 01, 60LED, 100% default, preliminary (1.000)	6524	6436	95.5
Total:			91596	91536	1321.5



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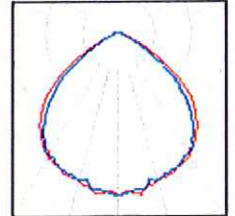
Industrieweg 32
4301 RS Zierikzee

Operator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / Luminaire parts list

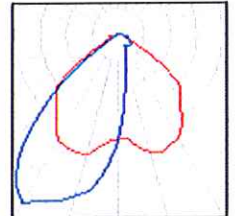
6 Pieces Bever Innovations #13524 [LUCI02-S-MB01-60LED-80%] LUCI02, Symmetrical, Medium Beam 01, 60LED, 80% default, + stekker, R1.1
Article No.: #13524 [LUCI02-S-MB01-60LED-80%]
Luminous flux (Luminaire): 5480 lm
Luminous flux (Lamps): 5602 lm
Luminaire Wattage: 77.0 W
Luminaire classification according to CIE: 100
CIE flux code: 54 89 99 100 98
Fitting: 1 x 80% (77W) (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



9 Pieces Bever Innovations #13918 [LUCI02-A-MB01-60LED-100%] LUCI02, Asymmetrical, Medium Beam 01, 60LED, 100% default, preliminary
Article No.: #13918 [LUCI02-A-MB01-60LED-100%]
Luminous flux (Luminaire): 6524 lm
Luminous flux (Lamps): 6436 lm
Luminaire Wattage: 95.5 W
Luminaire classification according to CIE: 100
CIE flux code: 61 93 99 100 101
Fitting: 1 x 100% (95W) (Correction Factor 1.000).

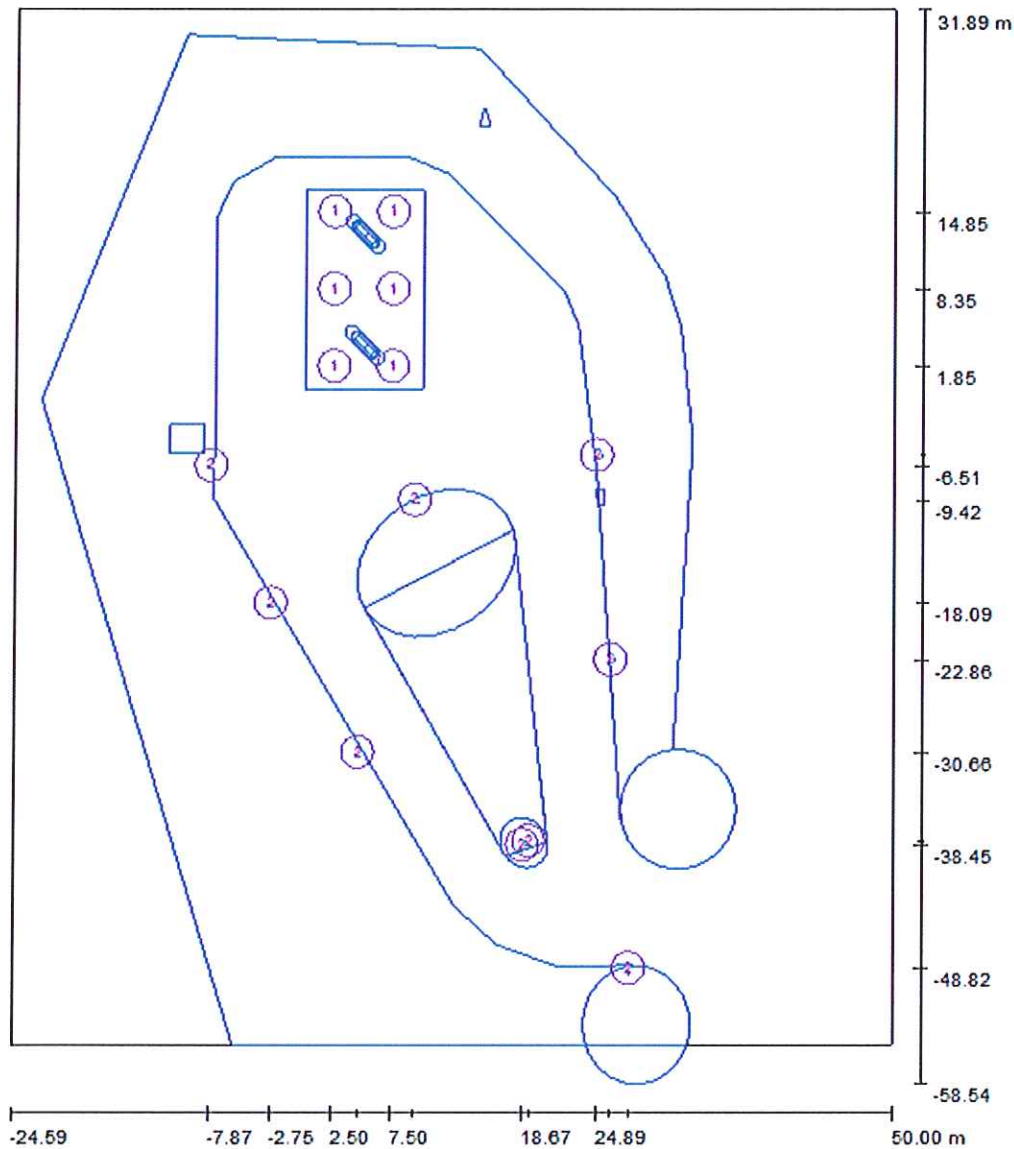
See our luminaire catalog for an image of the luminaire.



Bever Innovations B.V.

Industrieweg 32
4301 RS ZierikzeeOperator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / Luminaires (layout plan)



Scale 1 : 612

Luminaire Parts List

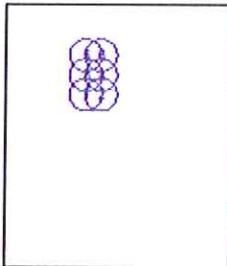
No.	Pieces	Designation
1	6	Bever Innovations #13524 [LUCI02-S-MB01-60LED-80%] LUCI02, Symmetrical, Medium Beam 01, 60LED, 80% default, + stekker, R1.1
2	9	Bever Innovations #13918 [LUCI02-A-MB01-60LED-100%] LUCI02, Asymmetrical, Medium Beam 01, 60LED, 100% default, preliminary



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Industrieweg 32
4301 RS ZierikzeeOperator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com**Tango Maurik vol vermogen / Luminaires (coordinates list)****Bever Innovations #13524 [LUCI02-S-MB01-60LED-80%] LUCI02, Symmetrical, Medium Beam 01, 60LED, 80% default, + stekker, R1.1**

5480 lm, 77.0 W, 1 x 1 x 80% (77W) (Correction Factor 1.000).

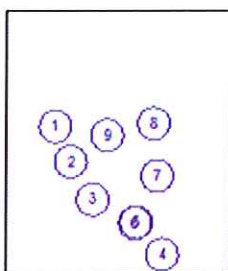


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	2.500	1.850	4.600	0.0	0.0	0.0
2	7.500	1.850	4.600	0.0	0.0	0.0
3	2.500	8.350	4.600	0.0	0.0	0.0
4	7.500	8.350	4.600	0.0	0.0	0.0
5	2.500	14.850	4.600	0.0	0.0	0.0
6	7.500	14.850	4.600	0.0	0.0	0.0

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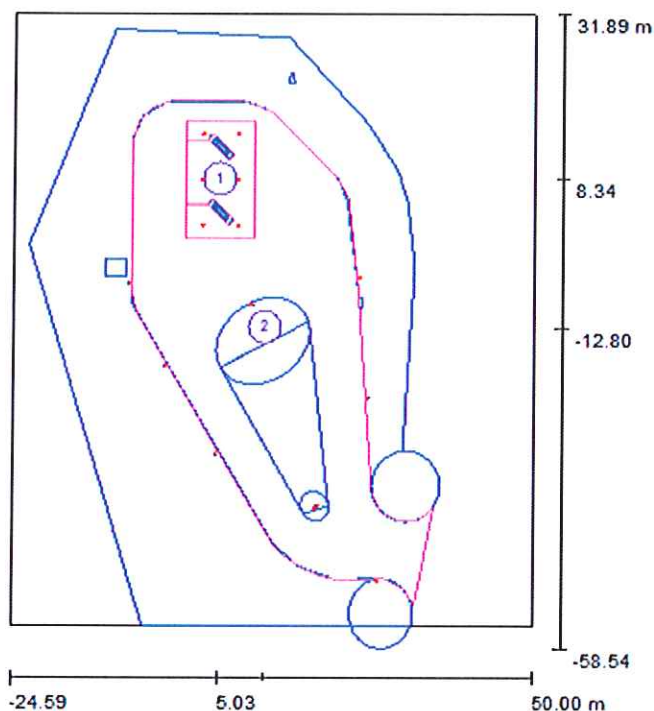
Industrieweg 32
4301 RS ZierikzeeOperator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com**Tango Maurik vol vermogen / Luminaires (coordinates list)**

**Bever Innovations #13918 [LUCI02-A-MB01-60LED-100%] LUCI02, Asymmetrical,
Medium Beam 01, 60LED, 100% default, preliminary**
6524 lm, 95.5 W, 1 x 1 x 100% (95W) (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-7.871	-6.514	6.000	-15.0	0.0	90.0
2	-2.752	-18.091	6.000	-15.0	0.0	120.0
3	4.636	-30.656	6.000	-15.0	0.0	120.0
4	27.722	-48.816	6.000	-15.0	0.0	180.0
5	19.238	-38.107	6.000	-15.0	0.0	120.0
6	18.670	-38.449	6.000	-15.0	0.0	-60.0
7	26.099	-22.858	6.000	-15.0	0.0	-85.0
8	24.886	-5.656	6.000	-15.0	0.0	-85.0
9	9.449	-9.415	6.000	-15.0	0.0	-145.0

Tango Maurik vol vermogen / Calculation surfaces (results overview)



Scale 1 : 1030

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
1	Luifel @ 1m hoogte	horizontal	128 x 128	124	70	172	0.568	0.409
2	Station @ 1m hoogte	horizontal	128 x 128	43	0.78	175	0.018	0.004

Summary of Results

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	$u0$	E_{min} / E_{max}
horizontal	2	49	0.78	175	0.02	0.00

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Industrieweg 32
4301 RS Zierikzee

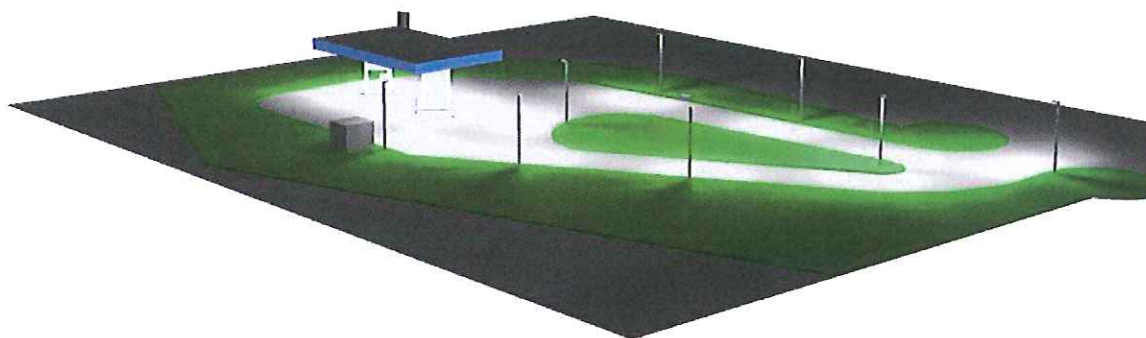


DIALux

23.10.2012

Operator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / 3D Rendering



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Bever Innovations B.V.

Industrieweg 32
4301 RS Zierikzee

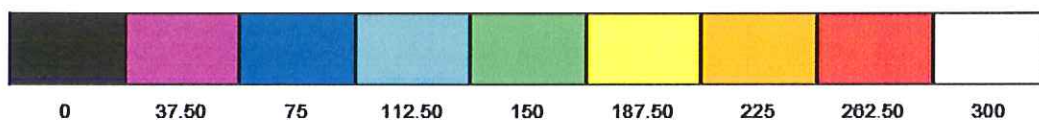
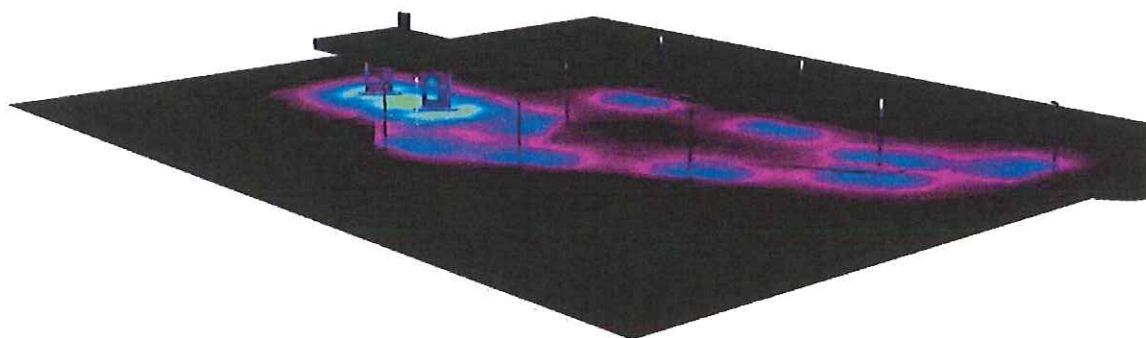


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23.10.2012

Operator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / False Colour Rendering

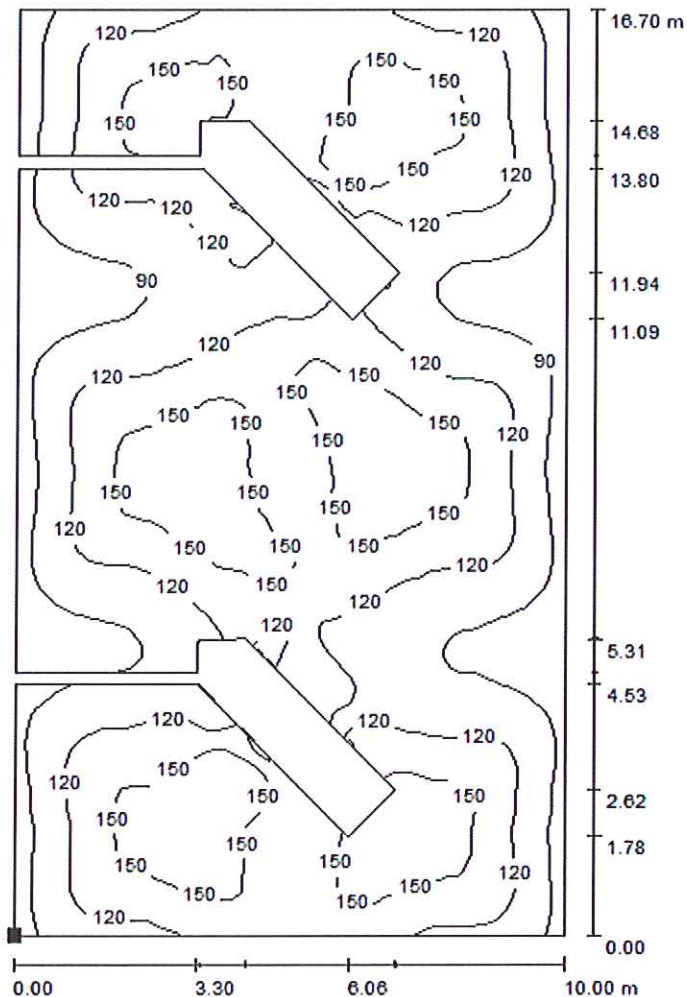


lx

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Industrieweg 32
4301 RS ZierikzeeOperator H. Jongebreur
Telephone 0111-453242
Fax 0111-406019
e-Mail hjo@beverinnovations.com

Tango Maurik vol vermogen / Luifel @ 1m hoogte / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 131

Position of surface in external scene:
Marked point:
(0.000 m, 0.000 m, 1.000 m)



Grid: 128 x 128 Points

 E_{av} [lx]
124

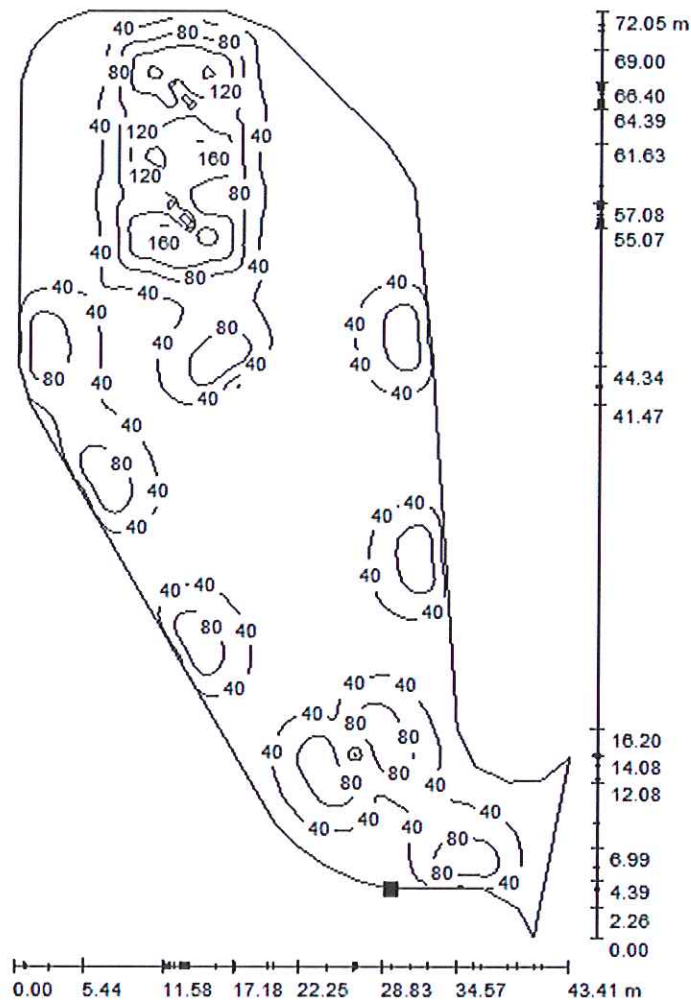
 E_{min} [lx]
70

 E_{max} [lx]
172

 u_0
0.568

 E_{min} / E_{max}
0.409

Tango Maurik vol vermogen / Station @ 1m hoogte / Isolines (E, Horizontal)



Values in Lux, Scale 1 : 564

Position of surface in external scene:
Marked point:
(21.864 m, -48.701 m, 1.000 m)



Grid: 128 x 128 Points

 E_{av} [lx]
43

 E_{min} [lx]
0.78

 E_{max} [lx]
175

 u_0
0.018

 E_{min} / E_{max}
0.004

Kuwait Petroleum (Nederland) B.V.

Prinsenlaan 633, 3067 TZ Rotterdam
Postbus 8300, 3009 AH Rotterdam
Telefoon 010-407 20 85 Fax 010-455 33 49 Website www.Q8.nl



Foto bijlagen voorbeeld Impressie verlichting

brandstoffenverkooppunt

**Project
Tielsestraat te Maurik**

Opdrachtgever:

Kuwait Petroleum (Nederland) B.V.
Prinsenlaan 633
Postbus 8300
3009 AH Rotterdam
Tel.: 010-4072085, Fax: 010-4553349

1.1 Impressie verlichting luifel VOORBEELD



AVOND-NACHT VERLICHTING GEDIMD - LED VERLICHTING (6 X 30 W) *)



AVOND-NACHT VERLICHTING IN BERDIJF - LED VERLICHTING (6 X 80 W) *)

*) OPM : Dim – in bedrijf schakeling van de LED verlichting middels bewegingsmelder per LED armatuur (6 stuks in totaal)

1.2 Impressie verlichting prijzenbord VOORBEELD



PRIJZENBORD IN BEDRIJF LED VERLICHTING