

03 | DESIGN PROPOSAL

SK13 - EXTERNAL LIGHTING STRATEGY

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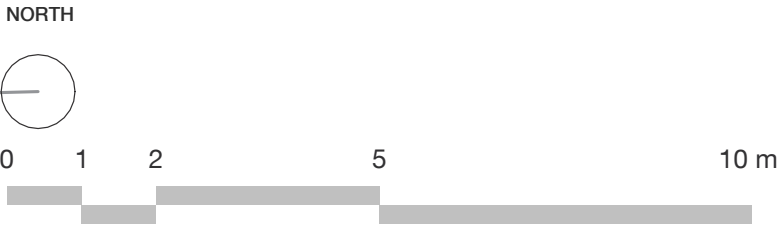
Existing street lighting runs down the public footpath, lighting the way for general access.

A small amount of external lighting will be designed into the pavilion to aid with general usage. This will feature downlights to demarcate the entrance along with lighting integrated in the canopy to light the terrace.

Key

-  - existing street lighting
-  - Mason LED Wall Lamp-4W-345lm-Dimmable-2700K-IP44
<https://www.into-led.com/uk-en/dimmable-led-wall-light-mason-2700k.html>
-  - Napels LED Recessed Downlight-360° Tilttable-8 Watts-570lm-Dimmable-IP65
<https://www.into-led.com/uk-en/led-downlight-napels-ip65-8-watt-2700k-black.html>

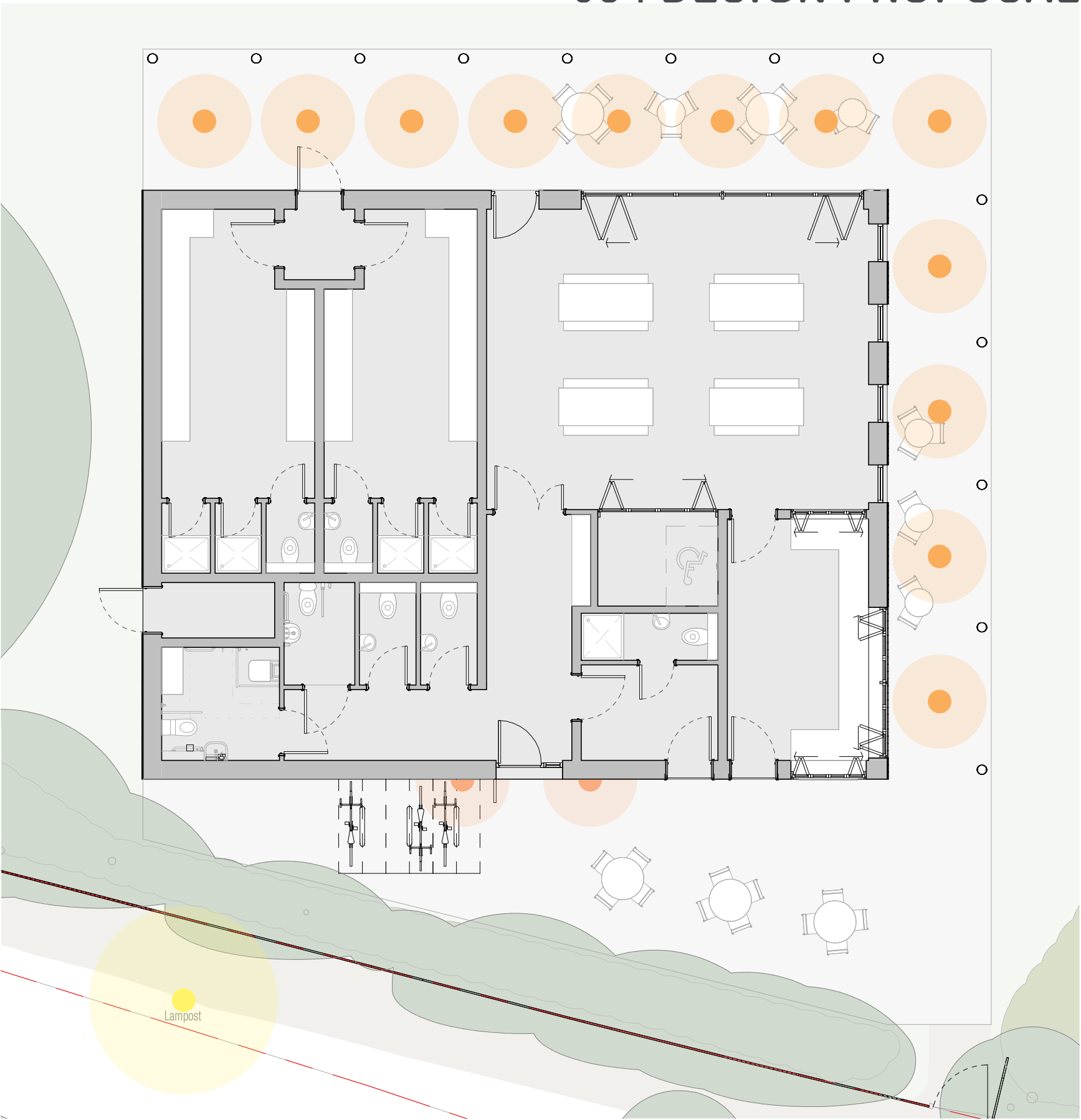
NOTE: All proposed lighting to be angled and directionally shielded to achieve 0.5lux light spill at ecological borders. To be determined during the technical design stage.



Mason LED Wall Lamp



Napels LED Recessed Downlight



HOFTRONIC™

DATASHEET GU10 LED SPOT

5 WATT



Specifications	SKU 395398	SKU 478480	SKU 478497
Watts	5 Watt	5 Watt	5 Watt
Equivalent watts	50 Watt	50 Watt	50 Watt
Luminous flux	400 Lumen	400 Lumen	400 Lumen
Base	GU10	GU10	GU10
Light color	Extra warm white	Neutral white	Daylight white
Color temperature	2700K	4000K	6000K
Dimmable	Yes	Yes	Yes
Input power	220-240V AC	220-240V AC	220-240V AC
Beam angle	38°	38°	38°
Energy label	A+	A+	A+
Energielabel new	G	G	G
IP-rate	IP20	IP20	IP20
Color rendering index (CRI)	>80	>80	>80
Dimensions	50 mm	50 mm	50 mm
Life span	15.000 hours	15.000 hours	15.000 hours
Switching cycles	50.000 cycles	50.000 cycles	50.000 cycles
Warranty	2 years	2 years	2 years
EAN	7439628395398	7439628478480	7439628478497





Specifications

SKU
419476

Input power	220-240V AC
Watts	8 Watt
Equivalent watts	50 Watt
Including light source	Yes
Replaceable light source	No
Dimmable	Yes
Luminous flux	570 Lumen
Light color	Extra warm white
Color temperature	2700K
Beam angle	40°
IP-rate	IP65
Suitable for	Indoor and Outdoor
Tiltable	Yes
Material	Aluminum
Color	Black
Base	Quick-connector
Energy label	A+
Life span	40.000 hours
Switching cycles	25.000 cycles
Outside diameter	Ø 98 mm
Diameter hole size	Ø 85 mm
Build-in depth	41 mm
Certification	CE, EMC, RoHS
Warranty	5 years
EAN	7439628419476



Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: HOFTRONIC

Supplier's address: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL

Model identifier: 419476

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LEDs		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

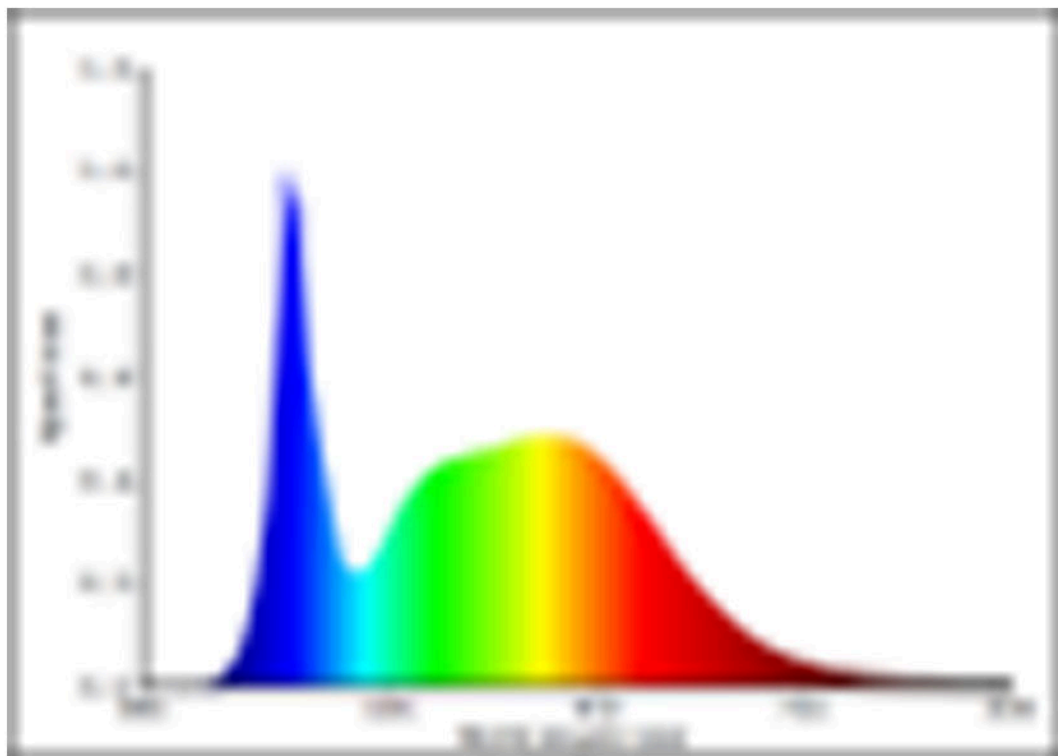
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	B
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 800 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	6 000
On-mode power (P_{on}), expressed in W	30,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

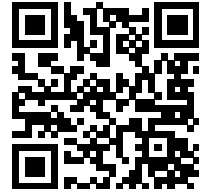
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,323 0,336	
Parameters for directional light sources:				
Peak luminous intensity (cd)	382	Beam angle in degrees, or the range of beam angles that can be set	140	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	3	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)	0,9	

(a) '-': not applicable;

(b) '-': not applicable;



Model placed on the Union market from 21/10/2019



EPREL registration number: 1581900

<https://eprel.ec.europa.eu/qr/1581900>

Supplier: HOF Trading B.V. (Manufacturer)

Website:

Customer care service:

Name: HOF Trading Support

Website: www.hoftronic.com

Email: info@hoftrading.com

Phone: +31 (0)85 401 0382

Address:

Fahrenheitstraat 11
6003 DC Weert
Netherlands

HOFTRONIC™

DATASHEET DIMMABLE LED WALL LIGHT MASON IP44

BLACK



Specifications

SKU
4402204

Input voltage	100-240V AC
Base	GU10
Including light source	No
Replaceable light source	Yes
Frequency	50/60Hz
Dimmable	Yes
IP-rating	IP44
Material	Aluminum
Color	Black
Dimensions	120 x 85 x 100 mm
Energy label new	G
Operating temperature	-20°C ~ +45°C
Certification	CE, EMC, RoHS
Warranty	3 years
EAN	8720364402204



HOFTRONIC™

DATASHEET DIMMABLE LED WALL LIGHT MASON IP44

STAINLESS STEEL



Specifications

SKU
4402211

Input voltage	100-240V AC
Base	GU10
Including light source	No
Replaceable light source	Yes
Frequency	50/60Hz
Dimmable	Yes
IP-rating	IP44
Material	Aluminum
Color	Stainless steel
Dimensions	120 x 85 x 100 mm
Energy label new	G
Operating temperature	-20°C ~ +45°C
Certification	CE, EMC, RoHS
Warranty	3 years
EAN	8720364402211



Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: HOFTRONIC

Supplier's address: HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL

Model identifier: 4409906

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

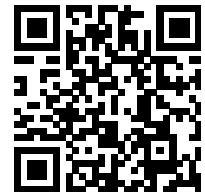
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	400 in Narrow cone (90°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	4 000
On-mode power (P_{on}), expressed in W	4,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	50	
		Chromaticity coordinates (x and y)	0,380 0,381	
Parameters for directional light sources:				
Peak luminous intensity (cd)	807	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	2	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Model placed on the Union market from 02/06/2020



EPREL registration number: 1583447

<https://eprel.ec.europa.eu/qr/1583447>

Supplier: HOF Trading B.V. (Manufacturer)

Website:

Customer care service:

Name: HOF Trading Support

Website: www.hoftronic.com

Email: info@hoftrading.com

Phone: +31 (0)85 401 0382

Address:

Fahrenheitstraat 11
6003 DC Weert
Netherlands