



LEGEND INDOOR LIGHTING			
SYMBOL	REFERENCE	DESCRIPTION / MOUNTING METHODS	FLUX
○	L1	Luminaire fix to the ceiling (Downlight) LED 17W, IP44 Surface assembly	1400Lm
□	L2.1	Luminaire fix to the ceiling LED 30W, IP40 Surface assembly	3000Lm
○	L3.1	Luminaire fix to the ceiling (Downlight) LED 17W, IP44 Surface assembly	1400Lm
○	L3.2	Luminaire fix to the ceiling (Downlight) LED 24W, IP44 Surface assembly	2000Lm
□	L4.1	Luminaire fix to the ceiling LED 29W, IP20 Surface assembly	4000Lm - 138lm/W
□	L4.2	Luminaire fix to the ceiling LED 23W, IP20 Surface assembly	3000lm - 130lm/W
▬	L5	Luminaire fix to the ceiling LED 80W, IP65/IK08 Surface assembly	7500Lm
□	L6	Luminaire fix to the ceiling LED 58W, IP65/IK08 Recessed assembly	5500lm - 95lm/W
□	L6R	Luminaire L6 with flow regulation	5500Lm
□	L8.1	Luminaire fix to the ceiling LED 28W, IP66/IK08 Surface assembly	4000lm - 100lm/W
▬	L9.0	Luminaire fix to the ceiling LED 44W, IP66/IK08 Surface assembly	3900Lm
▬	L9.1	Luminaire fix to the ceiling LED 44W, IP66/IK08 Surface assembly	6000Lm
▬	L9.2	Luminaire fix to the ceiling LED 57W, IP66/IK08 Surface assembly	7700Lm
▬	L11	Luminaire fix to the ceiling LED 38W, IP66 Surface assembly	4000lm - 108lm/W
□	L12	Luminaire fix to the ceiling LED 26W, IP54 Surface assembly	2800lm - 108lm/W
○	L14.2	Luminaire fix to the ceiling (Downlight) LED 24W, IP44 - 220 mm Surface assembly	1729Lm
○	L14.3	Luminaire fix to the ceiling (Downlight) LED 17W, IP44 - 220 mm Surface assembly	1400Lm
•	L15.1	Luminaire fix to the ceiling (Downlight) LED max.10W - 95mm, IP68 Surface assembly	350Lm
○	L15.2	Luminaire fix to the ceiling (Downlight) LED max.20W - 152mm, IP68 Surface assembly	500Lm
□	L17	Luminaire fix to the ceiling LED 50W, IP54 Surface assembly	4500lm - 90lm/W
▬	L18.1	Luminaire fix to the ceiling (Downlight) LED 17.2W, IP65 Surface assembly	1850lm - 108lm/W
▬	L18.2	Luminaire fix to the ceiling (Downlight) LED 26W, IP65 Surface assembly	2750lm - 106lm/W
▬	L18.3	Luminaire fix to the ceiling (Downlight) LED 34W, IP65 Surface assembly	3450lm - 101lm/W
▬	L18.4	Luminaire fix to the ceiling (Downlight) LED 43W, IP65 Surface assembly	4400lm - 101lm/W
▬	L21	Luminaire fix to the ceiling LED 19W, IP55 Surface assembly	2600Lm
▽	L25	Luminaire fix to the wall LED Lamp max.20W, IP67/IK10 Surface assembly	2240Lm

ELECTRICAL ACCESSORIES	
SÍMBOLO	REFª / INSTALAÇÃO
	One way switch   One way switch, surface mounting
	Double pole switch   Double pole switch, surface mounting
	Two way switch, single pole   Two way switch, single pole, surface mounting
	Two way switch, double pole   Two way switch, double pole, surface mounting
	Inverter switch, single pole   Inverter switch, single pole, surface mounting
	Inverter switch, double pole   Inverter switch, double pole, surface mounting
	Illuminated push button
	Dimmer switch
	Presence sensor 180°/360°   Presence sensor 180°/360°, surface mounting
	Movement sensor 180°/360°   Movement sensor 180°/360°, surface mounting
□	Junction box, surface mounting
■	Junction box, flush mounting
•	Switch box, flush mounting

CABLES LEGEND	
SYMBOL	DESCRIPTION / MOUNTING METHOD
—	Cable installed in conduit in masonry
- - - -	Cable installed in conduit in the ground
- . - . -	Cable installed on perforated tray run horizontally
- - - -	Cable installed in conduit on surface mounting with cable clips
⚡	Switchboard - Mains Power Supply
⚡	Switchboard provided in another project
⚡	Switchboard - Medical IT System
⚡	Switchboard - Uninterrupted Power Supply

- GENERAL NOTES
- The solution might require adaptation to local conditions ;
  - The implementation of the different components should be aligned by the contractor in the implementation phase, with the elements of the architectural project;
  - The dimensions are given as an indication, the contractor must confirm them in place and perform precise measurements before the work is done;
  - All dimensions must be confirmed with the architectural project;
  - All work must be done with particular care in order not to damage the pre-existing installation, to ensure the safety of the building and the workers;
  - Any discrepancies must be reported officially to the team planner;
  - This project must be read together with projects from other specialties.

R00	2020/03/06	SDV
REVISION	DATE	IN CHARGE

COMPANY TITLE

PROJECT NAME

Rehabilitation of the Saudi Maternit  
Kassala Health Citadel  
Sudan

TECHNICAL PROJECT  
Electrical Installation  
Lighting (Indoor)

PROJECT STATUS  
DETAILED DESIGN

DRAWING NAME  
Ground Floor - Blocks A, F and G

DATE  
2020/03/06

DRAWING SCALE  
1/100

ELE.01.PLT.501