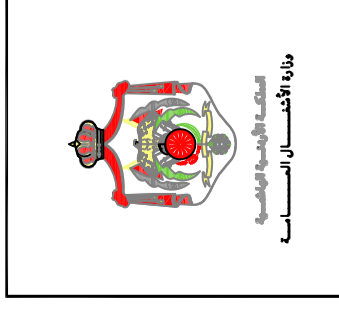


تعداد	



مجلس هندسة الكهرباء
 وزارة الأشغال العامة والإسكان
 رقم ١٠١
 شارع فلسطين
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رقم الحوض	٢
اسم الحوض	البلد
اسم الشركة	
التصديق	
تاريخ الترخيص	١٧/٨
رقم الترخيص	١٠١

LIGHTING SYSTEM

FITTURE REF.	SYMBOL	DESCRIPTION	IP	LAMP CHARACTERISTICS			MOUNT
				NO OF LAMP	POWER WATT / LAMP	CLRT	
L1		LED PANEL LIGHTING FIXTURE, HOUSING MADE OF HIGH QUALITY SHEET STEEL PAINTED WITH WHITE EPOXY POLYESTER POWDER, SMOOTH OPAL POLY-CARBONATE DIFFUSER.	20	1	34W	3000K 6000K	RECESSED
L2		DITTO (L1) BUT WITH EMERGENCY KIT.	20	1	34W	3000K 6000K	RECESSED
L3		LED PANEL LIGHTING FIXTURE, HOUSING MADE OF HIGH QUALITY ALUMINIUM OR SHEET STEEL PAINTED WITH POLYESTER WHITE RESIN.	20	1	49W	3000K 6000K	SURFACE
L4		DITTO (L3) BUT WITH EMERGENCY KIT.	20	1	49W	3000K 6000K	SURFACE
L5		LED PANEL LIGHTING FIXTURE, HOUSING MADE OF HIGH QUALITY ALUMINIUM OR SHEET STEEL PAINTED WITH WHITE EPOXY POLYESTER POWDER, SMOOTH OPAL POLY-CARBONATE DIFFUSER.	20	1	49W	3000K 6000K	SURFACE
L6		DITTO (L5) BUT WITH EMERGENCY KIT.	20	1	49W	3000K 6000K	SURFACE
L7		LED PANEL LIGHTING FIXTURE, HOUSING MADE OF HIGH QUALITY ALUMINIUM OR SHEET STEEL PAINTED WITH WHITE EPOXY POLYESTER POWDER, SMOOTH OPAL POLY-CARBONATE DIFFUSER.	44	1	24W	3000K 6000K	SURFACE
L8		DITTO (L7) BUT WITH EMERGENCY KIT.	44	1	24W	3000K 6000K	SURFACE
L9		DOWNLIGHT LED PANEL LIGHTING, HOUSING MADE OF HIGH-PURITY ALUMINIUM, OPAL DIFFUSER.	20	1	29W	3000K 6000K	SURFACE
L10		DOWNLIGHT LED PANEL LIGHTING, HOUSING MADE OF HIGH-PURITY ALUMINIUM, OPAL DIFFUSER.	20	1	29W	3000K 6000K	RECESSED
L11		DITTO (L10) BUT WITH EMERGENCY KIT.	20	1	29W	3000K 6000K	RECESSED
L12		DOWNLIGHT LED PANEL LIGHTING, HOUSING MADE OF HIGH-PURITY ALUMINIUM, OPAL DIFFUSER.	44	1	19W	3000K 6000K	RECESSED
L13		CYLINDRICAL DOWNLIGHT LED LIGHTING FIXTURE, HOUSING MADE OF HIGH-PURITY ALUMINIUM, COB TYPE NARROW BEAM WITH WHITE COVER.	54	1	10W	3000K 6000K	SURFACE
L14		LED PANEL LIGHTING FIXTURE, HOUSING MADE FROM HIGH QUALITY STEEL PAINTED WITH ELECTROSTATIC POWDER, OPAL DIFFUSER, FOR SINK, 60CM LONG.	44	1	10W	3000K 6000K	WALL

SYMBOL	DESCRIPTION
	10A ONE WAY LIGHTING SWITCH: ONE GANG.
	10A ONE WAY LIGHTING SWITCH: TWO GANG.
	10A ONE WAY LIGHTING SWITCH: THREE GANG.
	10A TWO WAY LIGHTING SWITCH: ONE GANG.
	10A TWO WAY LIGHTING SWITCH: TWO GANG.
	10A INTERMEDIATE LIGHTING SWITCH: ONE GANG.
	10A ONE WAY SWITCH FOR EX-FANS WITH PILOT LAMP: ONE GANG.
	10A UP AND DOWN SWITCH FOR MOTORIZED SCREEN.

LIGHTING SYSTEM

FITTURE REF.	SYMBOL	DESCRIPTION	IP	LAMP CHARACTERISTICS			MOUNT
				NO OF LAMP	POWER WATT / LAMP	CLRT	
L15		LED BULBS LIGHTING BULKHEAD LIGHT WITH GRILL FIXTURE, BODY AND REFLECTOR MADE FROM ALUMINIUM MATERIAL.	66	1	20W	3000K 6000K	WALL
L16		LED UP AND DOWN LIGHTING FIXTURE WITH DIFFERENT ANGLE BEAM, HOUSING, BODY AND REFLECTOR MADE OF HIGH QUALITY ALUMINIUM WITH RUBBER AND ALL ACCESSORIES, CLEAR DIFFUSER, SEALED AND TEMPERED GLASS.	66	2	5W	3000K 6000K	WALL
L17		LED TUBULAR LIGHTING FIXTURE, HOUSING MADE OF HIGH QUALITY SHEET STEEL PAINTED WITH ELECTROSTATIC POWDER PAINT, HALF REFLECTOR, FOR BOARD.	20	1	18W	3000K 6000K	WALL
L18		LED EMERGENCY EXIT LIGHTING FIXTURE, STEEL POWDER COATED, WHITE FINISH BODY, CLEAR ACRYLIC WITH PRE APPLIED SCREEN PRINT LEGEND, AND BATTERY MAINTAINED FOR NOT LESS THAN THREE HOURS WITH SUITABLE DIRECTION AND DOUBLE FACE.	30	1	6W	4000K	PENDANT WALL
L19		LED EMERGENCY LIGHTING FIXTURE, STEEL POWDER COATED, WHITE FINISH BODY, CLEAR ACRYLIC WITH PRE APPLIED SCREEN PRINT LEGEND, AND BATTERY NON MAINTAINED FOR NOT LESS THAN THREE HOURS SINGLE SIDED PANEL.	30	1	6W	4000K	WALL
L20		LED BULBS LIGHTING BULKHEAD LIGHT WITH GRILL FIXTURE, BODY AND REFLECTOR MADE FROM ALUMINIUM MATERIAL, FOR LIFT SHAFT.	64	1	20W	3000K 4000K	WALL
L21		LED FLOOD LIGHT, FULLY DIE-CAST ALUMINIUM BODY WITH GLASS COVER AND ADJUSTABLE BRACKET.	66	1	100W	3000K 6000K	WALL
L22		LED FLOOD LIGHT, FULLY DIE-CAST ALUMINIUM BODY WITH GLASS COVER AND ADJUSTABLE BRACKET.	66	1	50W	3000K 4000K	WALL H=2m
	NOTE:						
	1-	THE WORKING LIFETIME FOR ALL LIGHTING UNIT >= 50000h, AND 3 YEARS WARRANTY.					
	2-	THE EFFICACY FOR ALL LIGHTING UNIT >= 100 lum/w (AS ABOVE TABLE).					
	3-	THE MACADAM FOR OUTDOOR UNIT LIGHTING UNIT < 2, FOR INDOOR UNIT LIGHTING UNIT < 3, AND WITH HEATSINK.					
	4-	THE COLOR CHARACTERISTIC AND PROTECTION DEGREE (IP) FOR ALL LIGHTING UNIT DEPEND ON FUNCTION AND LOCATION, THE IMPACT MECHANICAL FOR EXTERNAL LIGHTING NOT LESS THAN (IK > 08).					
	5-	"E" MEANS BATTERY KIT IN ORDER TO OPERATE THE LIGHTING FIXTURE IN CASE OF POWER FAILURE FOR NOT LESS THAN THREE HOURS.					
	6-	ALL WATER PROOF INTERNAL AND EXTERNAL LIGHTING UNIT WILL BE WITH ORIGINAL FITTINGS AND WITH WATER PROOF INSTALLATION ACCESSORIES FROM THE MANUFACTURE COMPANY.					