

Type	Description	Installation	Lamps		Qty	Location	Comments
			Type	Colour			
A	 600x600mm back lit flat panel luminaire, Opal diffuser, PMMA light guide, CRI ≥ 80, UGR = 19, complete with electronic control gear / driver and moulded plugtop and 3m cordset. 1 hour self contained maintained emergency version where indicated by "Ae" at 20% output.	Recessed	33W LED - ≥120 Lumens/Watt (L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Offices, Passages and Main Areas, stores	Beka Led Panel or equal and approved
A1	 600x600 back lit flat panel luminaire, Opal diffuser, PMMA light guide, CRI ≥ 80, UGR = 19, complete with electronic control gear / driver and moulded plugtop and 3m cordset. 1 hour self contained maintained emergency version where indicated by "A1e" at 20% output. Surface mount option.	Surface Mounted	33W LED - ≥120 Lumens/Watt (L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Secure stores	Beka Led Panel or equal and approved
B	 1250 Lumen Recess mounted LED downlighter with die cast and extruded aluminium surrounds, acrylic diffuser and aluminium anodised heatsink, complete with 6A plug top and 3m cordset. 1 hour emergency battery back up where indicated with "Be" at 50% output.	Recess mounted	9W LED ≥140 Lumens/Watt (L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Ablutions	Beka Rondo Led Maxi or equal and approved
C	 1200mm LED Linear vapour proof fitting (IP65) (IK10) constructed from marine grade high pressure die cast aluminium with poly carbonate UV protected diffuser, Complete with Electronic control gear. 1 hour self contained maintained emergency version where indicated by "Ce" at 50% output	Surface Mounted	27W LED ≥140 Lumens/Watt (L70B10 @ 60000 Hours)	4000K	As per the layout drawing	Ducts	Beka Vapourline or equal and approved
D	 17W LED bulkhead with Marine grade high pressure die cast aluminium bulkhead fitting IP65 with high impact poly carbonate UV resistance prismatic diffuser complete with electronic control gear. 3 hour self contained maintained emergency version where indicated by "De" at 30% output	Surface Mounted	14W LED ≥160 Lumens/Watt (L70B10 @ 50000 Hours)	840K	As per the layout drawing	Stairwells	Beka Series 51 or equal and approved

Notes

Samples of all luminaires are to be presented for approval before orders are placed.
Quantities are to be confirmed by contractor
Lamps to be Osram ,Phillips or equal and approved. Control gear to be Osram, Tridonic, V&S or equal and approved . Full details to be submitted with sample.
All light fittings to have 5 year warranty

				ENGINEER: SN	DRAWN: MH	DATE: Sep 24	CHKD: MH	P SIZE: A4	TITLE: Msinsini Police Station Luminaire Schedule	 IBUYA Consulting Engineers "POWERING DEVELOPMENT" BLOCK D ESSEX PARK 46 ESSEX TERRACE WESTVILLE P.O. BOX 1692 WANDSBECK 3631 TEL: +27 (031) 2667831 FAX: +27 (031) 2667831 E-mail: ibuya@ibuya.co.za
				Project No		DWG No.	REV: A	SCALE: nts		
A General Revision				MH 04/09/24		RSN				
0 Original Issue				MH 26/10/23		RSN				
REV	DESCRIPTION	BY	DATE	CHKD	FILE NAME: 23044_601		SHEET: 1 of 3			

Type	Description	Installation	Lamps		Qty	Location	Comments
			Type	Colour			
E	 <p>LED vandal proof fitting (600mm) (IP66) constructed from marine grade high pressure die cast aluminium with poly carbonate UV protected opaque diffuser, (140 -150 lumens per watt and CRI 80+). Complete with 5 year warranty, complete with tamper proof screws. Night light to be included in light fitting with electronic control gear version. Complete with 3m cordset including plugtop. 1 hour self contained emergency version where indicated by "Ee" at 50% output.</p>	Surface mounted	55W LED 9W LED ≥140 Lumens/Watt(L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Holding Cells	Beka Roughguard or equal and approved
E1	 <p>Robust luminaire with high impact opaque diffuser, complete with tamper proof screws. Electronic control gear version. Complete with 3m flex connection and 5A plugtop. 1 hour self contained maintained emergency version where indicated by "E1e" at 20% output.</p>	Surface mounted	55W LED ≥140 Lumens/Watt(L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Secure Passage	Beka Roughguard or equal and approved
E2	 <p>Robust luminaire with high impact opaque diffuser, complete with tamper proof screws. Electronic control gear version. Complete with 3m flex connection and 5A plugtop. 1 hour self contained maintained emergency version where indicated by "E2e" at 20% output.</p>	Surface mounted	15W LED 3W LED NL ≥140 Lumens/Watt(L70B10 @ 50000 Hours)	4000K	As per the layout drawing	Holding Cell Ablutions	Beka Roughguard or equal and approved
F	 <p>3,5 meter high GRP pole with post top luminaire, marine grade high pressure die cast aluminium, IP 66 with 49W led with symmetrical distribution, - inclusive of pole with hatch cover and photocell</p>	Pole Mounted, 3.5m AFFL	49W LED ≥140 Lumens/Watt(L70B10 @ 100000 Hours)	4000K	As per the layout drawing	External Perimeter	Beka Zela or equal and approved

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 All light fittings to have 5 year warranty

A		General Revision	MH	04/09/24	RSN	ENGINEER: SN	DRAWN: MH	DATE: Sep 24	CHKD: MH	P SIZE: A4	TITLE: Msinsini Police Station Luminaire Schedule	 IBUYA Consulting Engineers "POWERING DEVELOPMENT" BLOCK D ESSEX PARK 46 ESSEX TERRACE WESTVILLE P.O. BOX 1692 WANDSBECK 3631 TEL: +27 (031) 2667831 FAX: +27 (031) 2667831 E-mail: ibuya@buya.co.za
0		Original Issue	MH	26/10/23	RSN	DWG No	DWG No	REV	SCALE			
						23044	601	A	nts			
REV	DESCRIPTION		BY	DATE	CHKD	FILE NAME: 23044_601		SHEET: 2 of 3				

Type	Description	Installation	Lamps		Qty	Location	Comments
			Type	Colour			
G	 3,5 meter high GRP pole with post top luminaire, marine grade high pressure die cast aluminium, IP 66 with 49W led with symmetrical distribution, police version protector - inclusive of pole with hatch cover and photocell	Pole Mounted, 3.5m AFFL	49W LED ≥140 Lumens/Watt (L70B10 @ 100000 Hours)	4000K	As per the layout drawing	Main Entrance	Beka Zela Police or equal and approved
H	 Surface mounted emergency escape signage, self contained, maintained with separate red/green indicator lights and test button. Electronic control gear with 2 hour backup.	Surface on wall	11W LED	4000K	As per the layout drawing	Escape routes	Beka Roughguard or equal and approved
J	 Linear extendable suspended light fitting 1500mm 20W LED strip light in aluminium profile with white diffuser and built in LED drivers, to form "L" shape light fitting with seamless mitred joints. 1 hour self contained maintained emergency version where indicated by "Je" at 20% output.	Suspended from ceiling / Surface mounted	30W/m LED	4000K	As per the layout drawing	Entrance Area and Passage	Regent Linear mini 50 or equal and approved
K	 2PL9 Lamp Bulkhead With Red Lens and White Base	Surface Mounted	2PL 4,5W LED Lamps		As per the layout drawing	Strong Room	Supplied by Lihle Light/ Lighting Projects/ Performance Lighting/ Magnet

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All light fittings to have 5 year warranty

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				Project No		DWG No	REV: A	SCALE: nts			
				23044		601					
REV	DESCRIPTION	BY	DATE	CHKD	FILE NAME: 23044_601		SHEET: 3 of 3				