

Electrical

All fittings and equipment to be marine grade and or suited to the marine environment

Reference drawing DKP-N47-1001		Description	Equal or approved	Quantity
Public Light	6mtr column	Octagonal Column, 6 mtr, Designed to IS EN 40, Hot dip galvanised coated finish,	Pilltown Engineering	1
	Light fitting	Lumistreet Gen2 Micro BGP291 DX70 LED-HB 5.2S730 with photocell and set back U15 profile	Philips	1
A1, A2	Wall mounted light	IP65 Class 1 IK08 Marine Grade die-cast Aluminium alloy SCE superior corrosion protection with built in m/wave sensor and 3hr emergency back up	We-EF OLV 300 uplighter	15
B1, B2	External in ground uplighter	High Quality stainless steel LED recessed uplighter, warm white 120degr, 15W with back box		9
B3	LED strip	LED strip length to measure (length of bench) Warm white Opal diffuser 10W/m IP67		2
B4	Bollard	Robust and decorative bollard 1000mm high. Die cast aluminium, double layer polyester powder coatedpaint finish Antracite. All screws stainless steel. With 3hr emergency back up	Glamox 034 LED 700 HF 830 360 degr	4
LED strip glazing	LED strip	LED strip Warm white Opal diffuser 10W/m IP67 Strip to cover full perimeter. All drivers to be fitted in plantroom Supply cables to be hidden from view.		as required
General lights plant rooms	LED batten	LED batten 4000K, 1500mm double row IP67 rated. Corrosion proof. With 3 hr emegency back up.		4
Room lights	Surface mounted LED	Golf slimline modular multi wattage 15, 18, 22W CCT3 with m/wave sensor and 3 hour emergency back up		13
Electric room and corridor plant room	Surface mounted LED	Golf slimline modular multi wattage 15, 18, 22W CCT3 with 3 hour emergency back up		3
Exit Signs		Exit sign as per IS 3217 2023		1
sockets	Double sockets external	IP 66 double sockets with cover housing and clip. Colour antracite grey		4
sockets	main plant room and electric room	13A 2 gang double pole switched safety shutter socket outlet with outboards rockers, rounded etches metalclad with surface mounted back box. .	Click metalclad pro range	6
Reference drawing DKP-N47-1010				
PV installation	PV panel	450W , all black technology min 25 year product warranty n-type mono crystalline	Astro N7s	12
	Inverter	Solar grid tie Three phase inverter 10kW, with energy meter fitted in SDB 1 connected as per ESBN requirements. DC and AC isolators to be installed.Warning labels to be installed.		1
Fire protection		As per specification and drawings fire protection required to all opes through fire rated structures		