

# Kalliente



## Asking Price: POA

BUILDER:	Dominator Yachts	LOA:	27.50m
YEAR:	2017	BEAM:	6.60m
FLAG:	Unregistered	DRAFT:	1.30m
DESIGNER:	Alberto Mancini	SPEED:	15 - 21 Knots

## Exterior Images





**ROYAL YACHTING MIDDLE EAST BOAT TRADING LLC**

Dorrabay Tower, Ground Floor,

The Walk, Al Mamsha Street, Dubai Marina, Dubai, UAE P.O Box 283741

Tel: 00971 4 399 6399 Fax: 00971 4 399 6398 Mobile: 00971 504 674 113 (Mr. Sajaad Hussain)  
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## Interior Images



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## Interior Images











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## The Specification

The most innovative design and advanced processing techniques have been applied to achieve the very best results in all technical spheres. Ilumen was born of a skillful mix of engineering and design, where beauty, functionality and efficiency were harmonized like in no other yacht of the same length.

Model:	Dominator Ilumen 28M
Type:	Semi-displacement
Length overall with aft platform deployed:	27.50m
Length overall with multifunctional platform deployed:	29.50m
LH:	23.95m
Beam:	6.60m
Draft:	1.30m (without propellers)
Classification:	EC Certification - Cat .A MGN280 Compli-
ance (Small Vessel in Commercial Use)	

### Guest Accommodation

Sleeps 10 guests in 5 Cabins:

- 1 x Owner's suite
- 2 x VIP with double beds
- 2 x Twin

### Crew Accommodation

4 crew in 2 cabins and ensuite bathroom

### Technical Data

Displacement:	95 t half-load
Cruising speed - economic (half load):	12.5 Knots Maximum
speed (half load):	18.5 Knots Range at 11,3 kn:
approx. 900 nm	

### Tankage

Fuel Tank Capacity:	11,800l
Fresh Water Tank Capacity:	1,900l
Black Water Tank Capacity:	700l
Grey Water Tank Capacity:	1,200l

### Main Engines

Engines:	2 x MAN V8 1200 (2 x 882 kW @ 2300rpm)
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### Propulsion

Z Drive propulsion	2 x Reintjes Fortjes 3000
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### Generators

Gensets:	2 x 36kW Fischer Panda PMS45I
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### Fire Fighting

Engine Room: Extinguishing agent, Novec Tender Garage:  
Extinguishing agent, Novec Accommodation: Fire extinguisher devices in all leaving areas  
Autronica heat and smoke detection system throughout

Main fire pump in engine room (emergency bypass on main bilge pump) (Type: Gianneschi "ACB 331/B")

Firefighting nozzle and hose (2), placed on main deck closer to aft and fwd mooring Manual and automatic fixed firefighting system in engine room (Type: Novec), manually operated from emergency panel in aft cockpit with additional override panel in wheelhouse Portable powder fire extinguishers located in each room/cabin (10)

Smoke detector system foreseen in living areas and engine room

Alarms and operation by integrated monitoring and automation system

Redundant cavitation free / dynamic sea water intakes fitted with valves and bronze filters (Type: Guidi)

### Hydraulics

PTOs on both reduction gearboxes with BCS bow and stern thruster units

## **Stabilizers**

Gyro Stabilizer Seekeaper 35

Humphree Interceptors and Active Ride Control

## **Electric Plant**

Main switchboard in engine room (integrated monitoring and automation system) Distribution system 230V AC 50Hz powered by the genset or by shore power Distribution system 24V DC

Electric sockets 230V AC in every cabin, galley, main saloon and engine room

Maintenance free gel type service battery bank 24V (Type: HAWKER PZW)

Maintenance free gel type main engines starting battery bank 24V (Type: Mastervolt AGM) Maintenance free gel type genset starting battery 12V (2) (Type: Mastervolt AGM) Maintenance free gel type emergency battery bank 24V (Type: Mastervolt MVG)

Battery cut off and parallel switchboard in engine room

Remote controlled battery cut off

Remote controlled main engine/service battery bank changeover

Remote controlled genset/genset battery bank changeover

Battery charger 12V dedicated to genset battery (Type: Mastervolt)

Battery chargers 24V dedicated to main engine, service and emergency battery (5) (Type: Mastervolt)

Inverter (Type: Mastervolt)

Gensets 36kW with soundproof casing (2) (Type: Fischer Panda PMS45I)

Shore power cable storage system (2 x 20 mt) (Type: Glendinning Cablemaster) Electric subpanels in every cabin, galley, saloon, wheelhouse, crew area (9) Cathodic protection and sacrificial zinc anodes as needed

Copper stripes grounding system

Underwater lights (14)

## **Converters**

ASEA AC18 + ASEA AC15

## **Air Conditioning**

Tropical air conditioning system with inverter technology chiller units (3) and reverse cycle heat pump (approx 180'000 BTU/h)

Dedicated fancoils in living areas with local control panels

Remote control by integrated monitoring and automation system

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### **Fuel System**

Structural fuel tanks (approx 8000 litres) equipped with electric level gauge and high/low level alarms

Daily fuel tank (approx 4000 litres)

Fuel transfer pump automatic and manual

Double fuel pre-filters to main engines (Type: Racor 75/900 MAX) (2) Double fuel pre-filters to gensets (Type Racor 75/500) (2)

Feeding line fitted with quick shut off automatic valves operated from the emergency panel located outside engine room, in the aft cockpit

### **Fresh Water System**

Fresh water tank (approx 1900 litres)

Shore water connection and pressure regulator to protect the onboard system

Shore water filler recessed in the aft deck

Fresh water pump (2) (Type: Gianneschi "2 ECOINOX 4 C.E.") Water heaters (2) (Type: Gianneschi "ORF80")

Hot water circulating pump (Type: Gianneschi "Z25")

Fresh water outlets for washing in tender garage, aft mooring, fwd mooring and upper deck

Alarms, levels and pump operation by integrated monitoring system

Watermaker 180lt/hr Idromar MC3J

### **Black and Gray Water System**

Black water tank (approx 700 litres) with gauge

Gray water tank (approx 1200 litres) with gauge

Gray water pump (emergency bypass on black water pump) (Type: Gianneschi "MV44G") Black water pump (emergency bypass on gray water pump) (Type: Gianneschi "MV44G") Ceramic toilet/ bidet with built in electric macerator and fresh water flush in every sanitary space (Type: Tecma)

Gray and black water tanks washing system with sea water

Marpol discharge outlet for black water

Alarms, levels and automatic discharge operation by integrated monitoring system

### **Bilge System**

Centralized self-priming bilge pump (emergency bypass on fire pump) (Type: Gianneschi "ACB 331/2") with manifold in engine room and suction lines with strainer in living areas (3) and engine room (2)

Bilge alarm in each compartment

Automatic submersible bilge pump in living areas (3) and engine room (2) (Type: Rule 3700)  
Emergency bilge suction pipe with strainer, in engine room, by means of main engine sea water cooling pump

Alarms and operation by integrated monitoring and automation system

### **Navigation and Communication**

Colour LCD touch screen radar/chart plotter (Type: Raymarine gS165) in wheelhouse (2) and fly-bridge helm station (1)

Display panels for depth sounder, wind sensor, speed sensor, compass in wheelhouse (4), in fly-bridge helm station (4), in crew area (2) (Type: Raymarine i70)

Automatic pilot control unit (2) in wheelhouse and flybridge helm station (Type: Simrad AP70)  
VHF radiophones (3) in wheelhouse, flybridge helm station, crew area (Type: Raymarine RAY260)

GSM antenna GPS antenna VHF antenna

Radar antenna (Type: Raymarine Open array SHD 4kW) Magnetic compass

Double navigation LED lights (Type: Lopolight) according to international regulations

AIS transceiver system

TV SAT antenna (Type: INTELLIAN i9P)

VSAT broadband system (Type: INTELLIAN v80G)

### **Monitoring system**

Colour 15" LCD touch screen display for integrated monitoring system in wheelhouse (2) and crew area (1)

### **CCTV**

CCTV video sequencer (image modulated in owner and captain TV set and in monitoring display)

Infrared cameras in engine room (2) Infrared color camera in the aft cockpit

### Galley Appliances

Fridge /Freezer:	Frigomar
Hob:	Miele
Hood:	Miele
Oven:	Miele
Microwave Oven:	Miele
Dishwasher:	Miele
Ice Maker:	Frigomar
Washing Machine:	Miele
Dryer:	Miele
Coffee machine:	Miele
Garbage disposal:	Insinertor

### Leisure and Community Spaces

Fridges in salon & flybridge and Owner's cabin:	Frigomar Ice maker
on flybridge:	Frigomar Grill on flybridge:
Techimpex Jacuzzi on flybridge:	TreEsse

### Anchor Gear

2 x 105 kg HHP Pool anchors with 120 m chain diameter 13mm  
2 x LEWMAR windlasses (electric)

### Deck Hardware

Stainless steel deck hardware  
Aft cleats (2)  
Aft roller fairleads (2)  
Aft capstans (2) (Type: LEWMAR C5 2000 W each) Amidships pop up cleats (2)  
Electric anchor windlasses (2) (Type: LEWMAR V8 2500W each) Stainless steel anchor plates and hawse pipes (2)  
Sea water chain wash  
Fwd stainless steel cleats (3) Fwd roller fairleads (2)  
HHP Pool anchors (2) 105kg with chains (2) 120 m, diameter 13mm

### Tenders & Toys

Tender Garage with tender launching system, crane and multifunctional platform integrated in revolving garage door

Tender: Williams TJ 385

### Additional Extras

- Opacmare Transformer (carbon version and teak finishing)
- Sewage treatment system
- High performance package
- Humphree interceptors full optionals
- Watermaker 180 lt/h (full automatic) Idromar MC3J
- Alpha Laval fuel cleaner
- Cabin phones
- SAT Communication ultra-high speed
- Upgrade to provider agnostic systems: Intellian VSAT
- Panasonic Dome Camera
- 4 x Invisible loudspeakers per each cabin
- Sound masking in salon and owner's cabin
- Yachtica - completely bespoke domotic system
- Carbon fibre hardtop with sliding soft-top including LED lights
- 2 x Stainless steel removable ice basket with tap
- LED underwater lights
- Thermal night vision camera Raymarine FLIR T300
- Awning (sun cover) in forward areas
- Parquet on salon floor
- LED lights dimmable in upper and lower deck + cockpit
- Trash compactor
- Electric curtains in VIP and guest cabins
- Built to commercial registration (MGN 280)
- Projector on Flybridge
- Bulb Protection Inox
- Anchor Side Protection Inox