

AIDS TO NAVIGATION SCHEDULE AN349-01

CAPE CLEVELAND LIGHT - QLD

(Est: 31/7/26; Solar Conversion: 19/9/87; Solar Upgrade 12/07/94)

IALA AVAILABILITY

CATEGORY: 1

POSITION: Latitude: 19° 10.9793' S
Longitude: 147° 00.9277' E
Datum: WGS84

CHART: AUS 827

DAYMARK: White round metal tower and lantern with red cupola, 11 metres high

CHARACTER: Flashing: 7.52 secs
Flash: 0.06 secs
Eclipse: 7.46 secs

SECTORS: Obscured: 321° - 342° (021°)
(TRUE BEARINGS White: 342° - 259° (277°)
FROM SEAWARD) Red: 259° - 286° (027°)
White: 286° - 321° (035°)

COLOUR OF LIGHT: White, Red

LANTERN: Unknown make - refer drg CN6-13

BEACON: Vega VRB-25 (Located inside lantern)

LENS SPEED: 1.333 RPM

LIGHT SOURCE: Lamp: 12V 35W C8 Halogen LP PR30s
Lampchanger: Vega VLC-153
Flasher: Calc-20
Daylight Control Switch: Vega

POWER SOURCE: Solar cells: 5 x Solarex MSX53
(Inclined 30° to horiz.)
Regulator: 5 x Solarex SR8 S1
Diodes: Schottky barrier 8A, 45 PRV
5 for solar panels
5 for battery modules
Battery: 12V, 1000Ah (5 x 200Ah modules)
20 x Yuasa EN100-6, 6V, 100Ah

REMOTE MONITOR: Autodialler: EDAC SMS85 CDMA
Modem: MAXON MM-5100
Modem ESN: 3B0118F6
Telephone Number: 0429 655 406
Data Number:
Power Supply: Common to Light

STRUCTURE: Metal clad timber framed tower, 6.7m high to base of lantern.

INTENSITY: White: 48,430 cd
Red: 10,170 cd

ELEVATION: 64 metres

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RANGE:	Nominal: White:	15 nmiles
	Red:	12 nmiles
	Geographical:	21 nmiles