

Erratum

10 μm imaging and HI observations of the Blue Compact Dwarf galaxy He 2-10*

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Table 1 has been published without the footnotes. A complete version follows.

Table 1. Observed and derived data on He 2-10.

Observed quantities		Derived quantities	
$\alpha_{1950.0}$	$08^{\text{h}}34^{\text{m}}07^{\text{s}}.1$		
$\delta_{1950.0}$	$-26^{\circ}14'04''$		
redshift (km s ⁻¹)	883 ± 5	Distance (Mpc)	8.7
D_{25} (")	104 ± 10		
R_{25} (")	70		
m_{B}	12.45	L_{B}^a (L_{\odot})	$1.91 \cdot 10^8$
$f(12 \mu\text{m})$ (Jy)	1.1	$L_{12 \mu\text{m}}$ (L_{\odot})	$3.5 \cdot 10^8$
$f(25 \mu\text{m})$ (Jy)	6.55	$L_{25 \mu\text{m}}$ (L_{\odot})	$8.1 \cdot 10^8$
$f(60 \mu\text{m})$ (Jy)	23.8	$L_{60 \mu\text{m}}$ (L_{\odot})	$1.47 \cdot 10^9$
$f(100 \mu\text{m})$ (Jy)	25.7	$L_{100 \mu\text{m}}$ (L_{\odot})	$6.14 \cdot 10^8$
		L_{FIR} (L_{\odot})	$2.6 \cdot 10^9$
$f(\text{N})$ (Jy)	1.06 ± 0.1	L_{N} (L_{\odot})	$(3.6 \pm 0.4) \cdot 10^8$
$f^{\text{A}}(\text{N})$ (Jy)	0.71		
$f^{\text{B}}(\text{N})$ (Jy)	< 0.1		
$f^{\text{C}}(\text{N})$ (Jy)	0.35		
$f(11.65 \mu\text{m})$ (Jy)	0.85 ± 0.1	$L_{11.65}$ (L_{\odot})	$(1.2 \pm 0.2) \cdot 10^8$
$f^{\text{A}}(11.65 \mu\text{m})$ (Jy)	0.57		
$f^{\text{B}}(11.65 \mu\text{m})$ (Jy)	< 0.1		
$f^{\text{C}}(11.65 \mu\text{m})$ (Jy)	0.28		
F_{HI} (Jy km s ⁻¹) ^b	17.09 ± 1.04	M_{HI} (M_{\odot})	$(3.1 \pm 0.19) \cdot 10^8$
Δv_{50} (km s ⁻¹) ^b	119 ± 10		
		M_{H_2} (M_{\odot}) ^c	1.6 ± 10^8
		M_{gas} (M_{\odot})	$4.7 \cdot 10^8$
		M_{total} (M_{\odot}) ^d	$2.7 \cdot 10^9 / (\sin i)^2$
		$M_{\text{dust}}(\text{IRAS})$ (M_{\odot})	$7.6 \cdot 10^4$
		$M_{\text{dust}}(\tau_{\text{Si}})$ (M_{\odot})	< $10.3 \cdot 10^4$
		$M_{\text{HI}}/L_{\text{B}}$ ^e	0.25
		$M_{\text{dust}}/M_{\text{gas}}$	$\lesssim 2.2 \cdot 10^{-4}$
		$M_{\text{gas}}/M_{\text{total}}$	$0.17 (\sin i)^2$

^a Here L_{B} is expressed in bolometric solar units, not in units of the Sun's blue luminosity. The ratio $L_{\odot}/L_{\text{B}}^{\odot}$ is ~ 6.25 .

^b This paper.

^c Kobulnicky et al. (1995), adopting a Galactic CO-to-H₂ conversion factor.

^d Kobulnicky et al. (1995), where i is the inclination angle. Baas et al. (1994) found $6.7 \pm 3.4 \cdot 10^9 M_{\odot}$, from the extrapolated K-band flux, corresponding to $i = 39$ deg.

^e In units of the Sun's blue luminosity.

* based on data obtained at the Canada-France-Hawaii Telescope, at E.S.O. La Silla, and at NRAO Green Bank