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Supplement of

Light availability modulates the effects of warming in a marine N₂ fixer

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Table S1. The parameters derived from the short-term thermal responses for N₂ fixation measured at two light intensity (HL: 160 $\mu\text{mol quanta m}^{-2} \text{s}^{-1}$, LL: 50 $\mu\text{mol quanta m}^{-2} \text{s}^{-1}$) in the *Trichodesmium* cells acclimated to different levels of temperature and light intensity (Fig. S2); values represent the means \pm the standard deviations of biological replicates (n=3).

		Acclimation			
Assay light		HL		LL	
		23°C	27°C	23°C	27°C
N(T _c)*	HL	39.2 \pm 1.6	39.7 \pm 1.8	26.3 \pm 2.2	17.6 \pm 1.1
	LL	30.8 \pm 4.0	32.1 \pm 1.1	19.3 \pm 0.4	15.6 \pm 0.7
E _a (eV)	HL	0.54 \pm 0.08	0.94 \pm 0.11	0.88 \pm 0.20	1.15 \pm 0.20
	LL	0.31 \pm 0.17	0.48 \pm 0.08	0.43 \pm 0.04	1.01 \pm 0.11
E _h (eV)	HL	3.93 \pm 0.70	3.78 \pm 0.58	4.08 \pm 1.24	4.85 \pm 1.11
	LL	2.77 \pm 1.03	6.56 \pm 1.52	8.49 \pm 0.96	4.96 \pm 0.84
T _h (°C) [#]	HL	32.5 \pm 0.3	32.3 \pm 0.4	32.0 \pm 0.6	31.9 \pm 0.5
	LL	31.8 \pm 0.8	31.7 \pm 0.2	31.2 \pm 0.1	30.8 \pm 0.2
	LL	10.7 \pm 1.1	13.6 \pm 0.5	8.1 \pm 0.5	7.3 \pm 0.3

* the unit of N(T_c) and N_{max} is $\mu\text{mol N}_2 \text{ mg Chl-a}^{-1} \text{ h}^{-1}$

the unit of T_h and T_{opt} is transferred to °C from K

Table S2. P values of Tukey’s tests for pair-wise comparisons between treatments; HL and LL separately represent light-saturating and light-limiting growth conditions; 23, 27 and 31 separately represent growth temperatures of 23, 27 and 31 °C

	Specific growth rate	N _{growth}	Effective quantum yield	alpha	E _k	ETR _{max}
27:HL-23:HL	2.62E-05	3.70E-06	9.69E-01	8.27E-01	1.00E+00	2.65E-01
31:HL-23:HL	4.39E-01	7.36E-03	2.99E-03	5.01E-01	2.46E-01	1.06E-05
23:LL-23:HL	1.56E-06	1.91E-07	2.90E-06	2.42E-01	4.17E-01	9.97E-01
27:LL-23:HL	1.54E-06	2.87E-07	1.52E-05	5.33E-01	1.00E+00	2.24E-02
31:LL-23:HL	4.26E-07	3.81E-09	2.24E-07	2.92E-03	9.91E-01	4.48E-07
31:HL-27:HL	3.32E-04	1.21E-03	1.05E-02	9.02E-02	3.59E-01	9.51E-07
23:LL-27:HL	2.82E-09	2.48E-10	6.60E-06	3.52E-02	2.91E-01	1.38E-01
27:LL-27:HL	2.80E-09	3.34E-10	3.85E-05	9.92E-02	1.00E+00	5.55E-04
31:LL-27:HL	1.27E-09	9.58E-12	4.43E-07	4.58E-04	1.00E+00	6.33E-08
23:LL-31:HL	2.61E-07	7.31E-09	1.99E-03	9.92E-01	1.01E-02	1.77E-05
27:LL-31:HL	2.58E-07	9.70E-09	2.34E-02	1.00E+00	2.98E-01	1.91E-03
31:LL-31:HL	8.25E-08	2.51E-10	4.31E-05	5.85E-02	5.10E-01	7.59E-02
27:LL-23:LL	1.00E+00	5.44E-01	6.74E-01	9.87E-01	3.51E-01	4.67E-02
31:LL-23:LL	7.44E-01	1.24E-03	1.47E-01	1.46E-01	1.90E-01	6.70E-07
31:LL-27:LL	7.53E-01	6.09E-04	1.23E-02	5.31E-02	9.98E-01	2.51E-05

Table S3. AICc for all tested ‘nlme’ models

Model Number	Fixed effects structure	AICc
569	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	239.0259
444	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	240.8197
469	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	242.1449
194	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	242.7849
219	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	242.8497
217	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light	243.6906
199	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	243.7218
592	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light	243.8034
567	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light	243.8716
467	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light	243.9612
570	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	244.3424
192	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light	244.5404
242	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light	244.732
574	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	245.1117
224	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	245.4236
442	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light	245.4466
560	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light * Temperature	245.4972
222	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light	246.8219
244	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	247.0617
619	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	247.2577
599	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	247.4894
449	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	247.513
472	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light	247.8428
220	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	248.3354
492	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light	248.6068

247		$N(Tc) \sim \text{Light}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	249.3418
445	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	250.5733
195		$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	250.7164
200		$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	250.8311
575	$N(Tc) \sim \text{Light} * \text{Temperature},$	$Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	250.9195
450	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	251.5586
499	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	252.2151
447		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	252.4349
250		$N(Tc) \sim \text{Light}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	252.6475
624	$N(Tc) \sim \text{Light} * \text{Temperature},$	$Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	253.2656
572		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	253.3408
475	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	253.532
197		$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	255.4939
580		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	255.8671
610		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	255.9221
495	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	257.3548
466		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	258.0351
555		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	259.8718
468	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	260.0544
500	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	260.2084
591		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	260.4277
605		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	262.0768
471		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	262.0942
593	$N(Tc) \sim \text{Light} * \text{Temperature},$	$Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	263.3582
218		$N(Tc) \sim \text{Light}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	263.4558
473	$N(Tc) \sim \text{Light} + \text{Temperature},$	$Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	263.8886
216		$N(Tc) \sim \text{Light}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	263.9131
607		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light}$	264.074
491		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	264.1562

585	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light * Temperature	264.7503
625	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	265.1338
493	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Temperature	265.2247
596	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ 1	266.1632
223	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Temperature	266.2385
582	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light	266.4321
221	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ 1	266.7059
557	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light	266.9228
559	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light + Temperature	266.933
482	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light	267.0033
584	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light + Temperature	267.1424
457	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light	267.1738
577	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light	267.2997
520	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light * Temperature	267.6764
232	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light	267.861
459	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light + Temperature	268.3854
435	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light * Temperature	268.609
209	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light + Temperature	268.6393
434	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light + Temperature	268.7012
184	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light, Th ~ Light + Temperature	268.8916
496	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ 1	268.9604
598	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Temperature	269.1044
579	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light + Temperature	269.1052
207	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light	269.1371
432	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light	269.3963
182	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light, Th ~ Light	269.5744
243	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Temperature	269.8926
565	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light * Temperature	269.9152
241	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ 1	269.943

618	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Temperature	270.6032
234	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light + Temperature	270.6621
498	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Temperature	270.771
564	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light + Temperature	271.4946
554	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light + Temperature	271.9846
460	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light * Temperature	272.0024
185	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light, Th ~ Light * Temperature	272.172
484	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light + Temperature	272.4508
248	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Temperature	272.5289
621	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ 1	272.9735
210	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light * Temperature	272.9841
246	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ 1	272.9892
587	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light	273.1855
616	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ 1	273.2357
617	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light	273.2932
525	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light * Temperature	274.258
439	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light + Temperature	274.9348
189	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light + Temperature	275.167
589	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light + Temperature	275.8792
399	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light + Temperature	275.9204
142	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light	275.9975
517	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light	276.1471
420	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light * Temperature	276.1679
545	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light * Temperature	276.3218
540	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Light * Temperature	276.3254
623	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Temperature	276.3706
497	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light	276.4026
167	N(Tc) ~ Light, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light	276.4123
562	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light	276.5106

392	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	276.5623
417	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	276.7163
187	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	276.8301
552	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light}$	276.9847
550	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	277.0157
456	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light}, Th \sim 1$	277.0865
542	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	277.1028
602	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim 1, Th \sim \text{Light}$	277.1918
235	$N(Tc) \sim \text{Light}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	277.3807
612	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	277.4342
614	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	277.709
429	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	278.1267
147	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	278.1587
455	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	278.2552
581	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light}, Th \sim 1$	278.2743
214	$N(Tc) \sim \text{Light}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	278.3031
515	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	278.4601
597	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	278.4977
179	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	278.5053
395	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	278.7089
400	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	278.8844
177	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light}$	278.9943
424	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	279.0238
464	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	279.5183
190	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	279.5668
418	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	279.5709
397	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	279.7508
212	$N(Tc) \sim \text{Light}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	279.7562
172	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	279.8689

427	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light	280.055
458	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Temperature	280.3206
225	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	280.3741
437	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light	280.5612
227	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light	280.5829
522	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light	280.8549
535	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light, Th ~ Light * Temperature	280.8566
477	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light	281.3304
422	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light	281.3797
609	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light + Temperature	281.4434
237	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light	281.4559
249	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	281.7418
204	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light + Temperature	282.0866
604	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light + Temperature	282.1048
505	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light * Temperature	282.1176
594	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	282.1793
524	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light + Temperature	282.1967
423	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Temperature	282.3424
202	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light	282.3509
544	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light + Temperature	282.4163
419	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light + Temperature	282.4561
239	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light + Temperature	282.4916
530	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ 1, Th ~ Light * Temperature	282.5175
481	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ 1	282.5977
215	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light * Temperature	282.6596
568	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Temperature	282.822
180	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ 1, Th ~ Light * Temperature	282.8223
606	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ 1	282.8308
547	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light	282.885

583	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Temperature	282.9206
510	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light, Th ~ Light * Temperature	282.9547
206	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light, Th ~ 1	283.0761
229	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light + Temperature	283.1735
208	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Temperature	283.2188
149	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light + Temperature	283.4524
487	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light	283.5847
430	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light * Temperature	283.6823
566	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ 1	284.0575
441	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ 1	284.8365
480	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light * Temperature	284.8621
240	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light * Temperature	284.9095
245	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	284.9744
191	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ 1	285.0128
230	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light * Temperature	285.0789
454	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light + Temperature	285.2255
539	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Light + Temperature	285.3402
452	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light	285.3792
470	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	285.4485
543	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Temperature	285.5569
174	N(Tc) ~ Light, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light + Temperature	285.574
514	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light + Temperature	285.5937
479	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light + Temperature	285.6004
443	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Temperature	286.119
394	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light + Temperature	286.6835
196	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ 1	286.895
519	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light + Temperature	287.8998
446	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ 1	288.3067
231	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light, Th ~ 1	288.3568

608	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Temperature}$	289.1704
548	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	289.2669
571	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	289.4587
205	$N(Tc) \sim \text{Light}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	289.502
193	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	289.511
170	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	289.7714
166	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	289.853
448	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	290.3937
145	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	290.4795
485	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	290.6325
462	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	291.0381
198	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	291.955
509	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	292.1573
556	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light}, Th \sim 1$	292.5478
393	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	292.6852
132	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light}$	292.8407
398	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	292.9205
507	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light}$	292.9209
504	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	293.0151
150	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	293.0645
382	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light}$	293.3929
157	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light}$	293.9392
407	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light}$	294.3765
532	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light}$	294.4514
529	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	294.5006
171	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	294.5283
175	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	294.9715
168	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Temperature}$	295.1146
534	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	295.3686

416	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	296.1067
527	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light}$	296.1609
494	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	296.2356
474	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	296.3661
169	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	296.7377
69	$N(Tc) \sim 1, Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	296.808
523	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	297.1076
558	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Temperature}$	297.7415
134	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	298.0993
173	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	298.2826
425	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	298.5075
415	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	298.894
94	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	298.924
410	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	299.2831
159	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	299.4619
440	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	299.5956
384	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	299.689
67	$N(Tc) \sim 1, Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	299.9935
537	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	300.4103
390	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	300.5577
409	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Light} + \text{Temperature}$	300.7192
92	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	301.0251
385	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	301.0812
391	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	301.2249
414	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	301.2695
408	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Temperature}$	301.3428
74	$N(Tc) \sim 1, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	301.483
117	$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	301.7176
389	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	302.0505

541	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ 1	302.1916
421	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ 1	302.5611
489	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light + Temperature	302.631
319	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	302.8096
465	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light * Temperature	303.0649
431	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ 1	303.1928
144	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light + Temperature	303.9737
99	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	303.9876
119	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	304.0134
141	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light + Temperature, Th ~ 1	304.0941
502	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light	304.113
60	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light, Th ~ Light * Temperature	304.1221
75	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	304.1259
576	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ 1	304.151
127	N(Tc) ~ Light, Ea ~ 1, Eh ~ 1, Th ~ Light	304.344
512	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light	304.5717
137	N(Tc) ~ Light, Ea ~ 1, Eh ~ Temperature, Th ~ Light	304.6679
70	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	304.8585
549	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light + Temperature	305.1643
344	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light + Temperature	305.1835
551	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ 1	305.6676
317	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Light	305.8742
377	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light	305.9489
143	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Temperature	306.4161
342	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light	307.0733
531	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light, Th ~ 1	307.2029
387	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light	307.2111
152	N(Tc) ~ Light, Ea ~ Light, Eh ~ 1, Th ~ Light	307.2442
160	N(Tc) ~ Light, Ea ~ Light, Eh ~ Light, Th ~ Light * Temperature	307.3082

100	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	307.5703
165	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	307.634
85	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	307.662
406	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim 1$	307.6916
162	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	307.7491
380	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	307.8049
324	$N(Tc) \sim \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	307.9282
95	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	308.0333
367	$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light}$	308.1153
124	$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	308.2389
97	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	308.3271
546	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	308.8908
120	$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	308.9908
402	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light}$	309.0295
156	$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim 1$	309.1829
299	$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	309.1851
140	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	309.3632
183	$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Temperature}$	309.4907
310	$N(Tc) \sim \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	309.5728
139	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	309.5776
129	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	309.5779
601	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim 1, Th \sim 1$	309.6206
404	$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	309.9199
80	$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	309.9569
578	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Temperature}$	309.9882
135	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	310.1579
553	$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Temperature}$	310.1735
148	$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	310.2506
122	$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	310.4281

130		$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	310.488
412		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light}$	310.5809
349		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	310.6408
72		$N(Tc) \sim 1, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	310.6461
369		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	310.773
320		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	310.8545
453		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Temperature}$	310.8883
155		$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	311.441
158		$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Light}, Th \sim \text{Temperature}$	312.2865
181		$N(Tc) \sim \text{Light}, Ea \sim \text{Temperature}, Eh \sim \text{Light}, Th \sim 1$	312.5368
335		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	312.7992
405		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	312.961
110		$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim \text{Light}, Th \sim \text{Light} * \text{Temperature}$	313.125
146		$N(Tc) \sim \text{Light}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	313.7253
573		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Temperature}$	313.8653
154		$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	313.9179
347		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} * \text{Temperature}, Th \sim \text{Light}$	314.6856
396		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} * \text{Temperature}, Th \sim 1$	314.7322
345		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Light} + \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	314.77
588		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Temperature}$	314.8275
379		$N(Tc) \sim \text{Light} + \text{Temperature}, Ea \sim 1, Eh \sim 1, Th \sim \text{Light} + \text{Temperature}$	314.8564
164		$N(Tc) \sim \text{Light}, Ea \sim \text{Light}, Eh \sim \text{Temperature}, Th \sim \text{Light} + \text{Temperature}$	314.9768
105		$N(Tc) \sim 1, Ea \sim \text{Light} * \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	315.0966
90		$N(Tc) \sim 1, Ea \sim \text{Light} + \text{Temperature}, Eh \sim \text{Temperature}, Th \sim \text{Light} * \text{Temperature}$	315.1511
330		$N(Tc) \sim \text{Temperature}, Ea \sim \text{Light} + \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	315.3067
561		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Temperature}, Eh \sim \text{Temperature}, Th \sim 1$	315.3411
55		$N(Tc) \sim 1, Ea \sim \text{Temperature}, Eh \sim 1, Th \sim \text{Light} * \text{Temperature}$	315.6076
516		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim 1, Eh \sim \text{Light} + \text{Temperature}, Th \sim 1$	315.8157
603		$N(Tc) \sim \text{Light} * \text{Temperature}, Ea \sim \text{Light} * \text{Temperature}, Eh \sim 1, Th \sim \text{Temperature}$	315.8919

433	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Temperature	315.9919
372	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light	316.7931
322	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light	317.043
563	N(Tc) ~ Light * Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Temperature	317.062
186	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Temperature, Th ~ 1	317.1487
57	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light, Th ~ Light	317.8256
59	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light, Th ~ Light + Temperature	317.922
518	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Temperature	318.4753
436	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ 1	318.586
360	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light * Temperature	319.1848
125	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	319.2506
77	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light	319.396
285	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light, Th ~ Light * Temperature	319.4719
115	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light * Temperature	319.9289
82	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light	320.026
383	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Light, Th ~ Temperature	320.0628
350	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	320.2087
65	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light * Temperature	320.2596
381	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Light, Th ~ 1	320.312
79	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light + Temperature	320.5434
84	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light + Temperature	320.5715
355	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light * Temperature	320.7058
305	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light * Temperature	320.7873
340	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light * Temperature	320.8016
176	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ 1, Th ~ 1	321.1411
374	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light + Temperature	321.3417
370	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	321.4171
521	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ 1	321.6969
188	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ Temperature, Th ~ Temperature	321.8818

426	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ 1	322.4819
451	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ 1	322.5041
307	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light	322.7096
309	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Light + Temperature	322.9959
107	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light	323.2074
87	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light	324.0626
226	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ 1, Th ~ 1	324.1169
533	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Light, Th ~ Temperature	324.1908
327	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light	324.2105
483	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Temperature	324.2339
54	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ 1, Th ~ Light + Temperature	324.448
201	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ 1, Th ~ 1	324.5832
89	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light + Temperature	324.588
332	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light	325.0398
501	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ 1, Th ~ 1	325.5148
329	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Light + Temperature	325.5307
325	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	325.5882
315	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light * Temperature	325.8044
334	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Light + Temperature	325.8119
511	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ 1	325.8322
178	N(Tc) ~ Light, Ea ~ Temperature, Eh ~ 1, Th ~ Temperature	326.1391
508	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light, Th ~ Temperature	326.6903
375	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	326.8345
461	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ 1	326.8511
613	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Temperature	327.1159
64	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light + Temperature	327.57
428	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Temperature	327.6146
20	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light * Temperature	327.6788
526	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ 1, Th ~ 1	327.7448

365	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light * Temperature	327.8011
476	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ 1	328.0396
536	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ 1	328.087
62	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light	328.4985
114	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light + Temperature	328.77
513	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Temperature	328.8338
357	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light	329.1763
304	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light + Temperature	329.2685
337	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light	329.3902
233	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Temperature	329.5589
339	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light + Temperature	329.8563
112	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light	329.8854
109	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light + Temperature	329.9142
503	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ 1, Th ~ Temperature	330.3974
104	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light + Temperature	330.6093
45	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light * Temperature	330.6691
40	N(Tc) ~ 1, Ea ~ Light, Eh ~ Temperature, Th ~ Light * Temperature	331.2031
538	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Temperature	331.4548
236	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ 1	331.8476
52	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ 1, Th ~ Light	331.9452
17	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light	332.0933
270	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light * Temperature	332.38
486	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ 1	332.6862
528	N(Tc) ~ Light * Temperature, Ea ~ Light, Eh ~ 1, Th ~ Temperature	332.8514
25	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light * Temperature	333.3909
211	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ 1	333.4885
42	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light	333.5272
586	N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ 1	333.9138
93	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Temperature	333.975

364	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light + Temperature	334.1117
312	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light	334.1773
290	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Light * Temperature	334.2243
102	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light	334.2862
96	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ 1	334.387
49	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light + Temperature	334.7392
359	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Light + Temperature	335.2161
15	N(Tc) ~ 1, Ea ~ 1, Eh ~ Temperature, Th ~ Light * Temperature	335.3371
91	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ 1	335.4233
22	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light	335.4764
362	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light	335.5824
295	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light * Temperature	335.6227
354	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light + Temperature	335.6453
463	N(Tc) ~ Light + Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Temperature	335.8486
314	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Light + Temperature	336.0578
213	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Temperature	336.2749
10	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light, Th ~ Light * Temperature	336.3286
19	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light + Temperature	336.4434
50	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light * Temperature	336.7489
413	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Temperature	336.7555
66	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ 1	337.3255
302	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Light	337.3288
267	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light	337.6315
611	N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ 1	337.6768
238	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Temperature	337.6995
47	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light	337.8195
275	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light * Temperature	338.2874
98	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Temperature	338.4316
488	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Temperature	338.5049

68	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Temperature	338.7185
265	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light * Temperature	338.8273
292	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light	339.2201
39	N(Tc) ~ 1, Ea ~ Light, Eh ~ Temperature, Th ~ Light + Temperature	339.5326
131	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light, Th ~ 1	339.7421
116	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ 1	339.7504
343	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Temperature	339.8608
352	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Light	340.0903
118	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Temperature	340.1579
5	N(Tc) ~ 1, Ea ~ 1, Eh ~ 1, Th ~ Light * Temperature	340.3486
30	N(Tc) ~ 1, Ea ~ Light, Eh ~ 1, Th ~ Light * Temperature	340.5451
346	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ 1	340.5582
260	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light, Th ~ Light * Temperature	341.1457
341	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ 1	341.2757
272	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light	341.3404
71	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ 1	341.4933
44	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light + Temperature	341.497
14	N(Tc) ~ 1, Ea ~ 1, Eh ~ Temperature, Th ~ Light + Temperature	341.5027
300	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light * Temperature	341.8181
289	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Light + Temperature	341.9956
316	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ 1	343.0134
294	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Light + Temperature	343.212
73	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Temperature	343.5551
506	N(Tc) ~ Light * Temperature, Ea ~ 1, Eh ~ Light, Th ~ 1	343.6144
121	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ 1	343.773
318	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light + Temperature, Th ~ Temperature	343.8543
297	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Light	343.8555
386	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ 1	343.9421
133	N(Tc) ~ Light, Ea ~ 1, Eh ~ Light, Th ~ Temperature	344.0668

264	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light + Temperature	344.3343
376	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ 1, Th ~ 1	344.5237
9	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light, Th ~ Light + Temperature	344.6933
348	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Temperature	344.7419
255	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light * Temperature	344.8638
123	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Temperature	344.9934
280	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ 1, Th ~ Light * Temperature	345.3258
35	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light, Th ~ Light * Temperature	345.3787
4	N(Tc) ~ 1, Ea ~ 1, Eh ~ 1, Th ~ Light + Temperature	345.4259
29	N(Tc) ~ 1, Ea ~ Light, Eh ~ 1, Th ~ Light + Temperature	345.8094
7	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light, Th ~ Light	345.9191
366	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ 1	345.9585
411	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ 1	345.9769
368	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Temperature	346.3724
388	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Temperature	346.3963
438	N(Tc) ~ Light + Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Temperature	346.8634
2	N(Tc) ~ 1, Ea ~ 1, Eh ~ 1, Th ~ Light	346.9323
56	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light, Th ~ 1	346.9574
126	N(Tc) ~ Light, Ea ~ 1, Eh ~ 1, Th ~ 1	347.0247
27	N(Tc) ~ 1, Ea ~ Light, Eh ~ 1, Th ~ Light	347.1081
269	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Light + Temperature	347.1876
34	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light, Th ~ Light + Temperature	347.394
321	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ 1	347.5407
32	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light, Th ~ Light	348.3733
151	N(Tc) ~ Light, Ea ~ Light, Eh ~ 1, Th ~ 1	348.7014
323	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light * Temperature, Th ~ Temperature	349.1589
24	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light + Temperature	349.2081
259	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light, Th ~ Light + Temperature	349.4125
81	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light, Th ~ 1	349.538

254	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light + Temperature	349.8621
371	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ 1	350.3736
279	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ 1, Th ~ Light + Temperature	350.4185
257	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light, Th ~ Light	350.5185
252	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ 1, Th ~ Light	351.3178
58	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Light, Th ~ Temperature	351.3802
136	N(Tc) ~ Light, Ea ~ 1, Eh ~ Temperature, Th ~ 1	351.3941
274	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Light + Temperature	351.5034
37	N(Tc) ~ 1, Ea ~ Light, Eh ~ Temperature, Th ~ Light	351.5621
306	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ 1	351.619
277	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ 1, Th ~ Light	351.6462
12	N(Tc) ~ 1, Ea ~ 1, Eh ~ Temperature, Th ~ Light	351.7129
284	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light, Th ~ Light + Temperature	352.2652
161	N(Tc) ~ Light, Ea ~ Light, Eh ~ Temperature, Th ~ 1	353.0511
282	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light, Th ~ Light	353.0951
153	N(Tc) ~ Light, Ea ~ Light, Eh ~ 1, Th ~ Temperature	353.4012
478	N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Temperature	353.5995
83	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Temperature	353.9968
331	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ 1	354.3486
106	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light, Th ~ 1	354.7509
138	N(Tc) ~ Light, Ea ~ 1, Eh ~ Temperature, Th ~ Temperature	354.7995
41	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light + Temperature, Th ~ 1	354.8868
43	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Temperature	354.9669
76	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ 1, Th ~ 1	355.5921
287	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Light	356.1079
262	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Light	356.1584
308	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Light, Th ~ Temperature	356.325
163	N(Tc) ~ Light, Ea ~ Light, Eh ~ Temperature, Th ~ Temperature	356.9616
403	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ 1, Th ~ Temperature	357.0855

51	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ 1, Th ~ 1	357.1028
48	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Temperature	357.7049
86	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ 1	359.0733
333	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Light, Th ~ Temperature	359.1017
108	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Temperature	359.6744
356	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ 1	359.9115
101	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ 1, Th ~ 1	360.1608
326	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ 1	360.1858
293	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ Temperature	360.3689
61	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Temperature, Th ~ 1	360.397
78	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Temperature	360.5872
301	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ 1	361.5556
203	N(Tc) ~ Light, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Temperature	361.7121
53	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ 1, Th ~ Temperature	361.9405
298	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ Temperature	363.0164
111	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ 1	363.6273
88	N(Tc) ~ 1, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Temperature	364.1207
336	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ 1	364.1488
351	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ 1	365.1245
358	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light, Th ~ Temperature	365.1543
311	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ 1	365.2319
328	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ 1, Th ~ Temperature	365.4657
103	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Temperature	365.5549
303	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ 1, Th ~ Temperature	366.6657
228	N(Tc) ~ Light, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Temperature	366.6926
16	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light + Temperature, Th ~ 1	368.7992
361	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ 1	369.1651
113	N(Tc) ~ 1, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Temperature	369.1664
63	N(Tc) ~ 1, Ea ~ Temperature, Eh ~ Temperature, Th ~ Temperature	369.1856

338	N(Tc) ~ Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Temperature	369.5038
46	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light * Temperature, Th ~ 1	370.6122
353	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ 1, Th ~ Temperature	370.7988
401	N(Tc) ~ Light + Temperature, Ea ~ Light, Eh ~ 1, Th ~ 1	372.2907
6	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light, Th ~ 1	372.705
373	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Temperature	373.8418
313	N(Tc) ~ Temperature, Ea ~ Temperature, Eh ~ Temperature, Th ~ Temperature	374.1744
18	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Temperature	374.606
31	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light, Th ~ 1	374.9695
363	N(Tc) ~ Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Temperature	375.0474
266	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ 1	376.3268
8	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light, Th ~ Temperature	376.8054
291	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light + Temperature, Th ~ 1	377.0801
256	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light, Th ~ 1	377.0968
21	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light * Temperature, Th ~ 1	377.3256
268	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light + Temperature, Th ~ Temperature	377.5984
1	N(Tc) ~ 1, Ea ~ 1, Eh ~ 1, Th ~ 1	378.1854
33	N(Tc) ~ 1, Ea ~ Light, Eh ~ Light, Th ~ Temperature	379.0559
11	N(Tc) ~ 1, Ea ~ 1, Eh ~ Temperature, Th ~ 1	379.2271
26	N(Tc) ~ 1, Ea ~ Light, Eh ~ 1, Th ~ 1	379.445
281	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light, Th ~ 1	379.4984
23	N(Tc) ~ 1, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Temperature	379.5335
36	N(Tc) ~ 1, Ea ~ Light, Eh ~ Temperature, Th ~ 1	380.0629
378	N(Tc) ~ Light + Temperature, Ea ~ 1, Eh ~ 1, Th ~ Temperature	381.0925
258	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light, Th ~ Temperature	381.4489
271	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ 1	381.5215
13	N(Tc) ~ 1, Ea ~ 1, Eh ~ Temperature, Th ~ Temperature	381.5992
251	N(Tc) ~ Temperature, Ea ~ 1, Eh ~ 1, Th ~ 1	382.3585
296	N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light * Temperature, Th ~ 1	382.4813

3		N(Tc) ~ 1, Ea ~ 1, Eh ~ 1, Th ~ Temperature	382.4827
261		N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ 1	382.5039
38		N(Tc) ~ 1, Ea ~ Light, Eh ~ Temperature, Th ~ Temperature	382.7764
286		N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ 1	383.3059
276		N(Tc) ~ Temperature, Ea ~ Light, Eh ~ 1, Th ~ 1	383.7582
273		N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Light * Temperature, Th ~ Temperature	383.808
283		N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Light, Th ~ Temperature	383.8509
28		N(Tc) ~ 1, Ea ~ Light, Eh ~ 1, Th ~ Temperature	383.9215
263		N(Tc) ~ Temperature, Ea ~ 1, Eh ~ Temperature, Th ~ Temperature	384.9088
288		N(Tc) ~ Temperature, Ea ~ Light, Eh ~ Temperature, Th ~ Temperature	386.0658
253		N(Tc) ~ Temperature, Ea ~ 1, Eh ~ 1, Th ~ Temperature	386.8926
278		N(Tc) ~ Temperature, Ea ~ Light, Eh ~ 1, Th ~ Temperature	388.4849
128		N(Tc) ~ Light, Ea ~ 1, Eh ~ 1, Th ~ Temperature	390.896
490		N(Tc) ~ Light + Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light * Temperature	NA
590		N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Temperature, Th ~ Light * Temperature	NA
595		N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	NA
600		N(Tc) ~ Light * Temperature, Ea ~ Light + Temperature, Eh ~ Light * Temperature, Th ~ Light * Temperature	NA
615		N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Temperature, Th ~ Light * Temperature	NA
620		N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light + Temperature, Th ~ Light * Temperature	NA
622		N(Tc) ~ Light * Temperature, Ea ~ Light * Temperature, Eh ~ Light * Temperature, Th ~ Light	NA

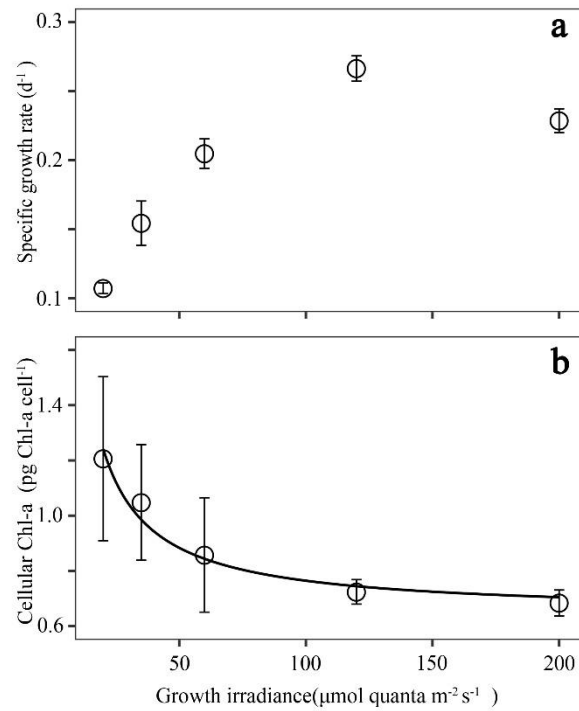


Figure S1. (a) Specific growth rate and (b) cellular Chl-a content of *Trichodesmium* grown across a range of light intensity. Values represent the means \pm standard deviations of biological replicates (n=3). Cultures were grown at 25°C without aeration. In panel (b), the curve gives the best fit using inverse proportional function: $y = 11.9233x + 0.6451$.

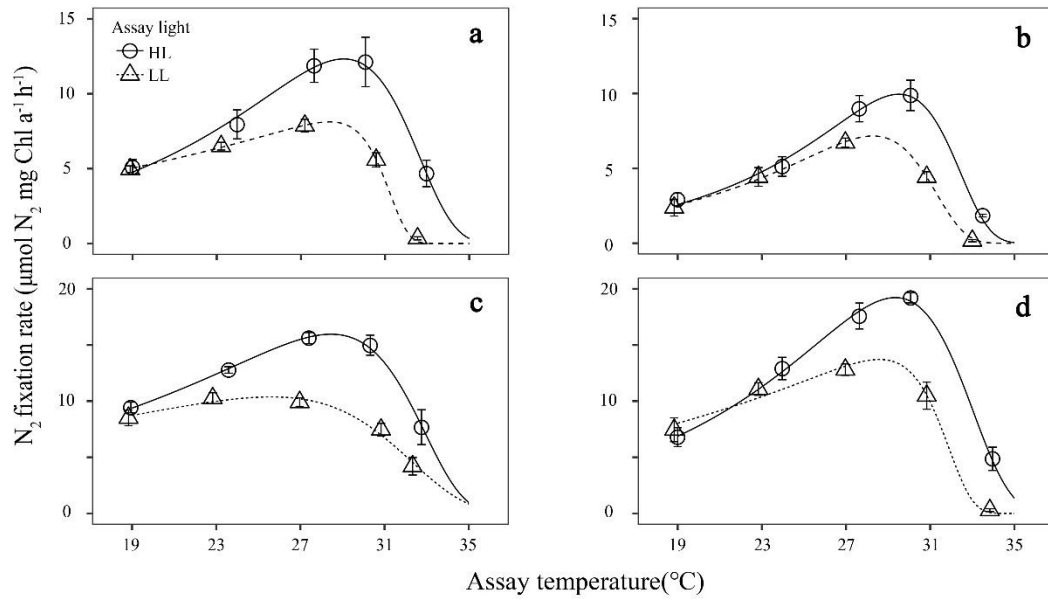


Figure S2. Short-term temperature norms of N₂ fixation measured at two light intensity (HL: 160 μmol quanta m⁻² s⁻¹, LL: 50 μmol quanta m⁻² s⁻¹) in *Trichodesmium* acclimated to: (a) 23 °C and LL, (b) 27°C and LL, (c) 23°C and HL, (d) 27°C and HL. Values represent the means ± standard deviations of biological replicates (n=3). Fitted lines are based on mean parameters at each treatment across replicates (n=3) derived from non-linear least squares regression using the modified Sharpe-Schoolfield model (function ‘nlm’ in package ‘stats’ in R).