

Kiinalaisen ledilampun teho kalorimetrisesti

16 kpl Cree XML-T6 emitterejä
Täyteen ladattu 2S3P litiumakku (6x18650)

	Massa, g	Cp, J/gK	C, J/K
Vesi	650	4,19	2723,5
Alumiini	201	0,90	180,9
Polypropeen	90	1,92	172,8
Yhteensä			3077,2

Täysteho	
Aika	310 s
Lämmönnousu	1,607 K

Teho	15,95 W
Ympäristö	23,9 °C
Valo: 140 lm/W	2 233 lm
Suhteellinen teho, %	100 %

Pvm	Klo	Aika, s	Lämpötila, °C
02:22:58-11/03/2020	02:22:58	0	20,1193
02:23:14-11/03/2020	02:23:14	16	20,4774
02:23:30-11/03/2020	02:23:30	32	20,6091
02:23:46-11/03/2020	02:23:46	48	20,6769
02:24:02-11/03/2020	02:24:02	64	20,7381
02:24:18-11/03/2020	02:24:18	80	20,7990
02:24:33-11/03/2020	02:24:33	95	20,8769
02:24:49-11/03/2020	02:24:49	111	20,9539
02:25:05-11/03/2020	02:25:05	127	21,0380
02:25:21-11/03/2020	02:25:21	143	21,1350
02:25:37-11/03/2020	02:25:37	159	21,2150
02:25:53-11/03/2020	02:25:53	175	21,2899
02:26:09-11/03/2020	02:26:09	191	21,3920
02:26:25-11/03/2020	02:26:25	207	21,4732
02:26:41-11/03/2020	02:26:41	223	21,5541
02:26:57-11/03/2020	02:26:57	239	21,6504
02:27:12-11/03/2020	02:27:12	254	21,7365
02:29:33-11/03/2020	02:29:33	395	22,4895
02:29:49-11/03/2020	02:29:49	411	22,5909
02:30:05-11/03/2020	02:30:05	427	22,6870
02:30:21-11/03/2020	02:30:21	443	22,7771
02:30:36-11/03/2020	02:30:36	458	22,8526
02:30:52-11/03/2020	02:30:52	474	22,9532
02:31:08-11/03/2020	02:31:08	490	23,0307
02:31:24-11/03/2020	02:31:24	506	23,1061
02:31:40-11/03/2020	02:31:40	522	23,2039
02:31:56-11/03/2020	02:31:56	538	23,2845
02:33:55-11/03/2020	02:33:55	657	23,8876
02:34:11-11/03/2020	02:34:11	673	23,9736
02:34:27-11/03/2020	02:34:27	689	24,0644
02:34:43-11/03/2020	02:34:43	705	24,1551
02:34:59-11/03/2020	02:34:59	721	24,2325
02:35:15-11/03/2020	02:35:15	737	24,3173
02:35:31-11/03/2020	02:35:31	753	24,3948
02:35:47-11/03/2020	02:35:47	769	24,4739
02:36:03-11/03/2020	02:36:03	785	24,5495
02:36:18-11/03/2020	02:36:18	800	24,6340
02:36:34-11/03/2020	02:36:34	816	24,7129
02:36:50-11/03/2020	02:36:50	832	24,7798
02:37:06-11/03/2020	02:37:06	848	24,8296
02:37:22-11/03/2020	02:37:22	864	24,8739
02:37:38-11/03/2020	02:37:38	880	24,9264
02:37:54-11/03/2020	02:37:54	896	24,9442
02:38:10-11/03/2020	02:38:10	912	24,9790
02:38:26-11/03/2020	02:38:26	928	24,9972
02:38:42-11/03/2020	02:38:42	944	24,9996
02:38:57-11/03/2020	02:38:57	959	25,0118
02:39:13-11/03/2020	02:39:13	975	25,0016
02:39:29-11/03/2020	02:39:29	991	24,9893
02:39:45-11/03/2020	02:39:45	1007	24,9848
02:40:01-11/03/2020	02:40:01	1023	24,9639
02:40:17-11/03/2020	02:40:17	1039	24,9478
02:40:33-11/03/2020	02:40:33	1055	24,9389
02:40:49-11/03/2020	02:40:49	1071	24,9377
02:41:05-11/03/2020	02:41:05	1087	24,9375
02:41:20-11/03/2020	02:41:20	1102	24,9375
02:41:36-11/03/2020	02:41:36	1118	24,9375
02:41:52-11/03/2020	02:41:52	1134	24,9375
02:42:08-11/03/2020	02:42:08	1150	24,9426

"Puoliteho"

		875 s
		1,581 K
5,56 W		
23,4 °C		
778 lm		
35 %		
21:47:07	0	22,7385
21:47:23	16	22,7658
21:47:39	32	22,802
21:47:54	47	22,8193
21:48:10	63	22,8638
21:48:26	79	22,8838
21:48:42	95	22,925
21:48:58	111	22,9358
21:49:14	127	22,9856
21:49:30	143	22,998
21:49:46	159	23,0371
21:50:02	175	23,0591
21:50:17	190	23,0998
21:50:33	206	23,1216
21:50:49	222	23,1672
21:51:05	238	23,1836
21:51:21	254	23,222
21:51:37	270	23,2453
21:51:53	286	23,2772
21:52:09	302	23,3068
21:52:25	318	23,3264
21:52:41	334	23,366
21:52:56	349	23,3971
21:53:12	365	23,432
21:53:28	381	23,444
21:53:44	397	23,4877
21:54:00	413	23,5029
21:54:16	429	23,5503
21:54:32	445	23,5609
21:54:48	461	23,6076
21:55:04	477	23,6226
21:55:20	493	23,6538
21:55:35	508	23,6829
21:55:51	524	23,7125
21:56:07	540	23,7427
21:56:24	557	23,7637
21:56:40	573	23,8059
21:56:56	589	23,8138
21:57:12	605	23,8626
21:57:28	621	23,8779
21:57:44	637	23,9082
21:58:00	653	23,9335
21:58:15	668	23,9599
21:58:31	684	23,9935
21:58:47	700	24,0155
21:59:03	716	24,0537
21:59:19	732	24,0726
21:59:35	748	24,1129
21:59:51	764	24,1234
22:00:07	780	24,1677
22:00:23	796	24,1878
22:00:38	811	24,2195
22:00:54	827	24,2447
22:01:10	843	24,2774
22:01:26	859	24,3067
22:01:42	875	24,3281
22:01:58	891	24,3665
22:02:14	907	24,383
22:02:30	923	24,4204

Kiinalaisen 16 x XML-T6 lampun teho kalorimetrisesti

