

Cite this: *Dalton Trans.*, 2011, **40**, 12935

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ADDITIONS & CORRECTIONS

Square structures and photophysical properties of Zn_2Ln_2 complexes (Ln = Nd, Eu, Sm, Er, Yb)

Hai-Bing Xu, Hui-Min Wen, Zhong-Hui Chen, Jia Li, Lin-Xi Shi and Zhong-Ning Chen

Dalton Trans., 2010, **39**, 1948 (DOI: 10.1039/b919170D). *Amendment published 14th January 2011.*

In the published version of this paper the chromaticity coordinates for complex **4** reported on page 1951 are incorrect and should be changed to CIE = (0.35, 0.34). The corrected chromaticity diagram of **4** (Fig. 7) is shown below.

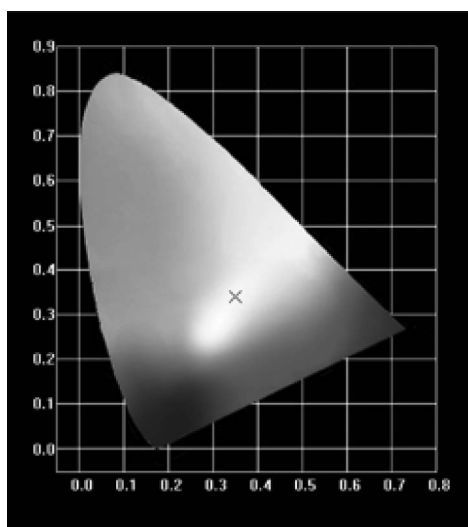


Fig. 7 The chromaticity coordinates of **4** after irradiation with 345 nm in dichloromethane at 298 K.

Multimodal radio- (PET/SPECT) and fluorescence imaging agents based on metallo-radioisotopes: current applications and prospects for development of new agents

Flora L. Thorp-Greenwood and Michael P. Coogan

Dalton Trans., 2011, **40** (DOI: 10.1039/C0DT01398F). *Amendment published 20th January 2011.*

In the published version of this paper there was a typographical error in reference number 64; the article was published in the *Journal of Biological Inorganic Chemistry* (*J. Biol. Inorg. Chem.*) not the *Journal of Biological Chemistry*.

The correct reference 64 is shown below:

S. Lim, K. A. Price, S. Chong, B. M. Paterson, A. Caragounis, K. J. Barnham, P. J. Crouch, J. M. Peach, J. R. Dilworth, A. R. White and Paul S. Donnelly, *J. Biol. Inorg. Chem.*, 2010, **15**, 225.

Syntheses, structures and photophysical properties of heterotrinnuclear Zn_2Ln clusters ($Ln = Nd, Eu, Tb, Er, Yb$)

Hai-Bing Xu, Ye-Teng Zhong, Wei-Xiong Zhang, Zhong-Ning Chen and Xiao-Ming Chen

Dalton Trans., 2010, **39**, 5676 (DOI: 10.1039/C000783H). *Amendment published 14th January 2011.*

In the published version of this paper the chromaticity coordinates for complex **3** reported on page 5679 are incorrect and should be changed to CIE = (0.43, 0.35). The corrected chromaticity diagram of **3** (Fig. S4 of the supplementary information) is shown below.

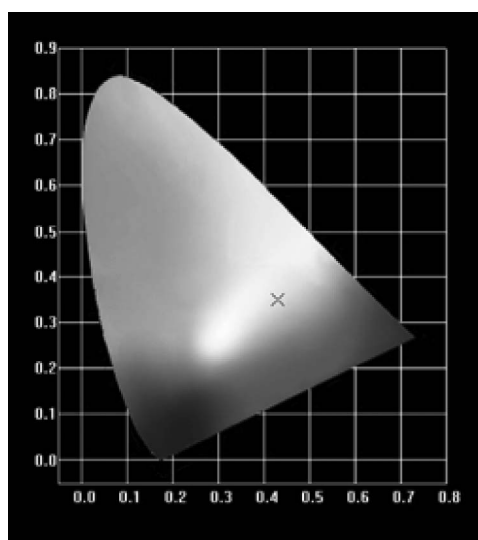


Fig. S4 The chromaticity coordinates of **3** after irradiation with 338 nm in dichloromethane at 298 K.

Chemistry and applications of organotin(IV) complexes of Schiff bases

Mala Nath and Pramendra K. Saini

Dalton Trans., 2011, **40** (DOI: 10.1039/C0DT01426E). *Amendment published 17th May 2011.*

In the published version of this paper there was a typographical error in Pramendra K. Saini's biography; the year in which he obtained his PhD was 2009, not 2008.

The correct sentence from the biography is shown below:

Pramendra Kumar Saini did his MSc at CCS University, Meerut, and thereafter he joined as a Project Fellow in 2002 under a UGC sponsored research project, and then joined as a CSIR-JRF in 2003 and completed his PhD in 2009 under the supervision of Prof. Mala Nath at the Indian Institute of Technology Roorkee.

Novel layered crystalline zinc poly(styrene-phenylvinyl phosphonate)-phosphate synthesized by a simple route in a THF–water medium

Jing Huang, Xiangkai Fu, Gang Wang, Chao Li and Xiaoyan Hu

Dalton Trans., 2011, **40**, 3631–3639 (DOI: 10.1039/C0DT01553A). *Amendment published 27th July 2011.*

The address for the authors should be:

College of Chemistry and Chemical Engineering Southwest University, Research Institute of Applied Chemistry Southwest University, The Key Laboratory of Applied Chemistry of Chongqing Municipality, The Key Laboratory of Eco-environments in Three Gorges Reservoir Region Ministry of Education, Chongqing, 400715, P. R. China; Tel: +86 23 68253704; Fax: +86 23 68254000. E-mail: fxx@swu.edu.cn

Synthesis, characterization and catalytic activity of magnesium and zinc aminophenoxide complexes: Catalysts for ring-opening polymerization of L-lactide

Hui-Ju Chuang, Shi-Feng Weng, Chia-Chih Chang, Chu-Chieh Lin and Hsuan-Ying Chen

Dalton Trans., 2011, **40**, 9601–9607 (DOI: 10.1039/10.1039/C1DT11080B). *Amendment published 4th October 2011.*

In Ref. 7 the following two references were inadvertently omitted by the authors:

Ref. 7 (*k*) V. Poirier, T. Roisnel, J.-F. Carpentier and Y. Sarazin, *Dalton Trans.*, 2009, **40**, 9820; (*l*) V. Poirier, T. Roisnel, J.-F. Carpentier and Y. Sarazin, *Dalton Trans.*, 2011, **40**, 523.

Structures, electronic properties and solid state luminescence of Cu(I) iodide complexes with 2,9-dimethyl-1,10-phenanthroline and aliphatic aminomethylphosphines or triphenylphosphine

Radosław Starosta, Małgorzata Puchalska, Joanna Cybińska, Maciej Barys and Anja V. Mudring

Dalton Trans., 2011, **40** (DOI: 10.1039/C0DT01284J). *Amendment published 2nd February 2011.*

In the published version of this paper there was an error in Table 3. The correct values are shown below:

	1P	3P	4P	1N	3N	4N
¹ A ₁						
<i>d</i> (CuI)	2.6616	2.6504	2.6337	2.6861	2.6775	2.6490

Holo-Ni²⁺ *Helicobacter pylori* NikR contains four square-planar nickel-binding sites at physiological pH

Stefano Benini, Michele Cianci and Stefano Ciurli

Dalton Trans., 2011, **40**, 7831 (DOI: 10.1039/C1DT11107H). *Amendment published 28th September 2011.*

On page 7832 of the above article the author would like to change the following sentence from

“To avoid the possible influence of crystal packing strain on the Ni²⁺ binding event, *Hp*NikR was later crystallized from a solution containing Ni²⁺, at pH 5.6.¹⁴”

to

“To avoid the possible influence of crystal packing strain on the Ni²⁺ binding event, *Hp*NikR isolated in the holo-form was later crystallized at pH 5.6.¹⁴”

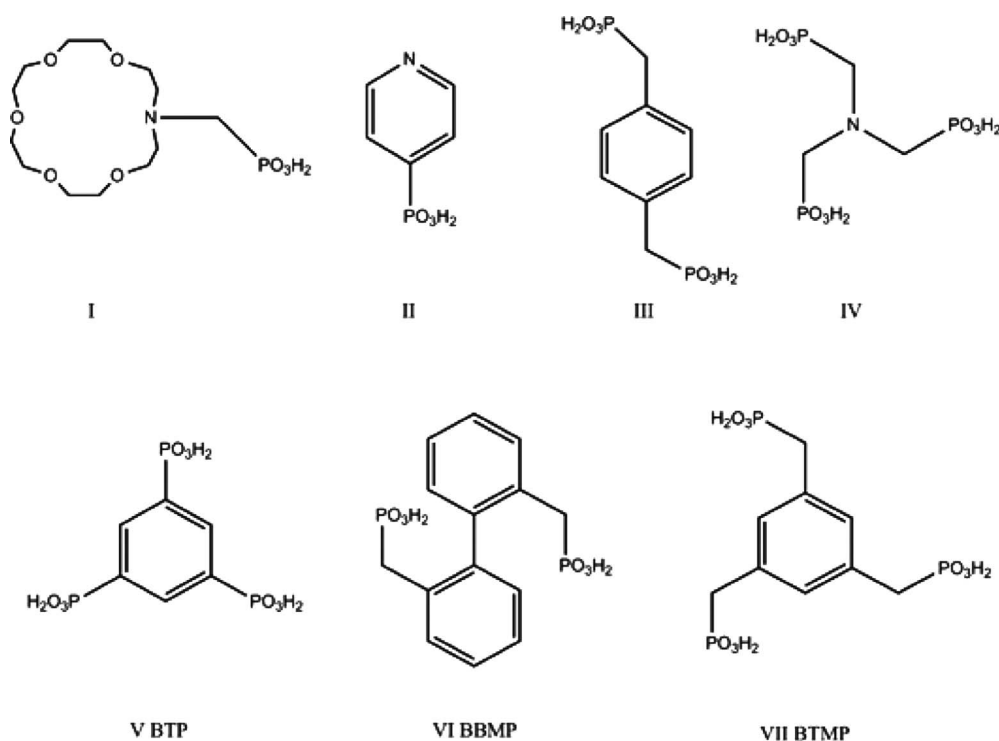
Supramolecular networks of polymethylphosphonic acid groups bonded to aromatic platforms: biphenyldiyl-2,2'-bis(methylphosphonic acid) and benzenetriyl-1,3,5-tris(methylphosphonic acid)

Jerzy Zoń, Deyuan Kong, Kevin Gagnon, Houston Perry, LeAnthony Holliness and Abraham Clearfield

Dalton Trans., 2010, **39**, 11008 (DOI: 10.1039/c0dt00676a). *Amendment published 19th November 2010.*

In the published version of Scheme 1, there should have been an additional PO₃H₂ group attached to the right-hand side of structure IV and structure VII and the structure labelled as BBMP should have been labelled as VI BBMP.

The correct Scheme 1 is shown below:

**Scheme 1** Conformationally rigid (II, V) and flexible phosphonic acids.

Monosubstituted arylimido hexamolybdates containing pendant amino groups: synthesis and structural characterization

Yi Zhu, Zicheng Xiao, Longsheng Wang, Panchao Yin, Jian Hao, Yongge Wei and Yuan Wang

Dalton Trans., 2011, **40**, 7304–7309 (DOI: 10.1039/C1DT10168D). *Amendment published 18th July 2011.*

On page 1, the word ‘not’ should be removed from the sentence ‘However, compared with the intensive investigations on such Anderson-type derivatives, organically modified Lindqvist-type POMs with pendant amino groups have rarely been reported to date (except only one example of bifunctionalized phenylenediamine derivative of hexamolybdates which was not determined by single-crystal X-ray diffraction¹²).’

In fact, in his paper (ref. 12) Professor R. John Errington has described the synthesis as well as the crystal structure of the first bifunctionalized phenylenediamine derivative of hexamolybdates.

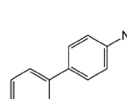
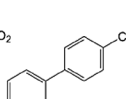
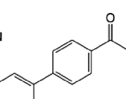
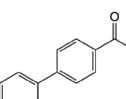
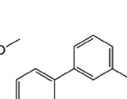
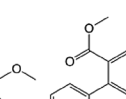
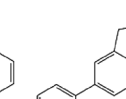
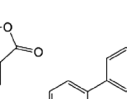
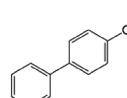
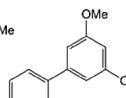
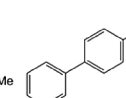
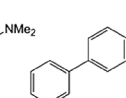
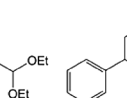
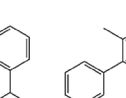
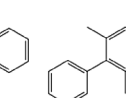
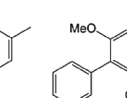
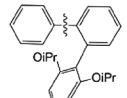
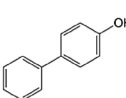
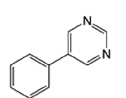
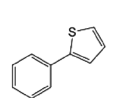
Negishi cross-coupling reaction catalyzed by an aliphatic, phosphine based pincer complex of palladium. biaryl formation *via* cationic pincer-type Pd^{IV} intermediates

Roman Gerber, Olivier Blacque and Christian M. Frech

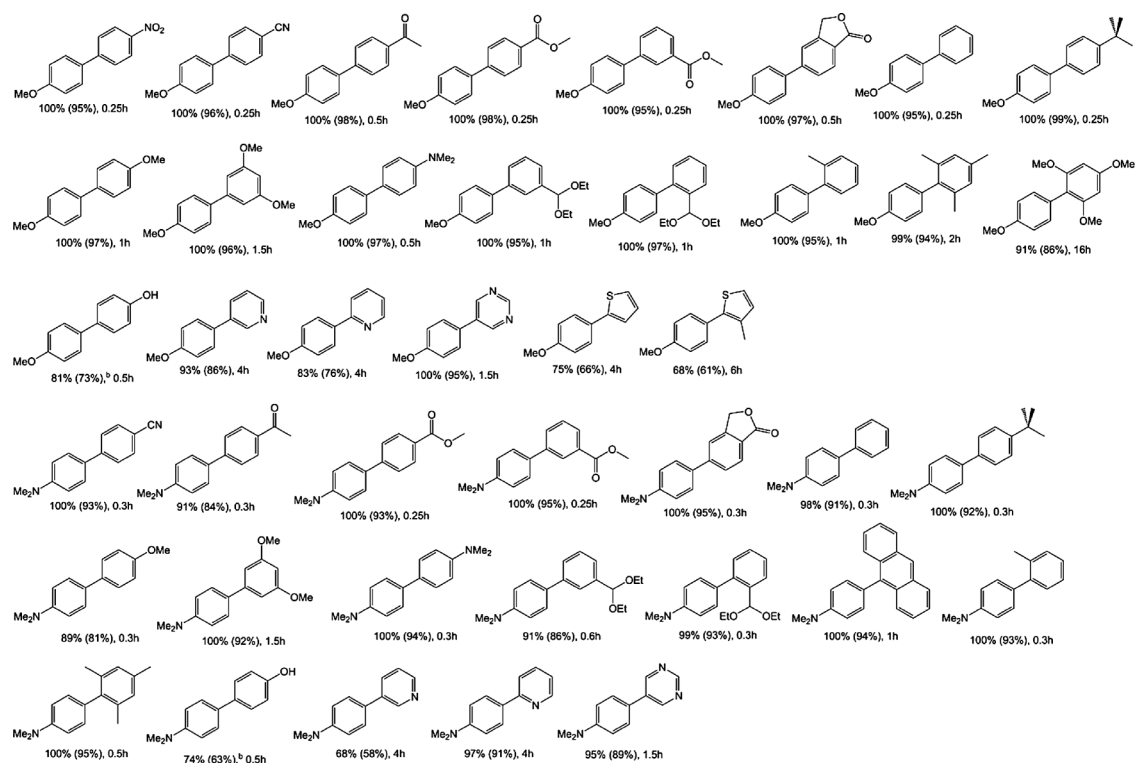
Dalton Trans., 2011, **40**, 8996 (DOI: 10.1039/C1DT10398A). *Amendment published 26th October 2011.*

The authors apologise that in the above article all of the conversions and yields for the Negishi cross-coupling reactions are the same in Tables 1–4. The corrected tables with correct conversions and yields are displayed below.

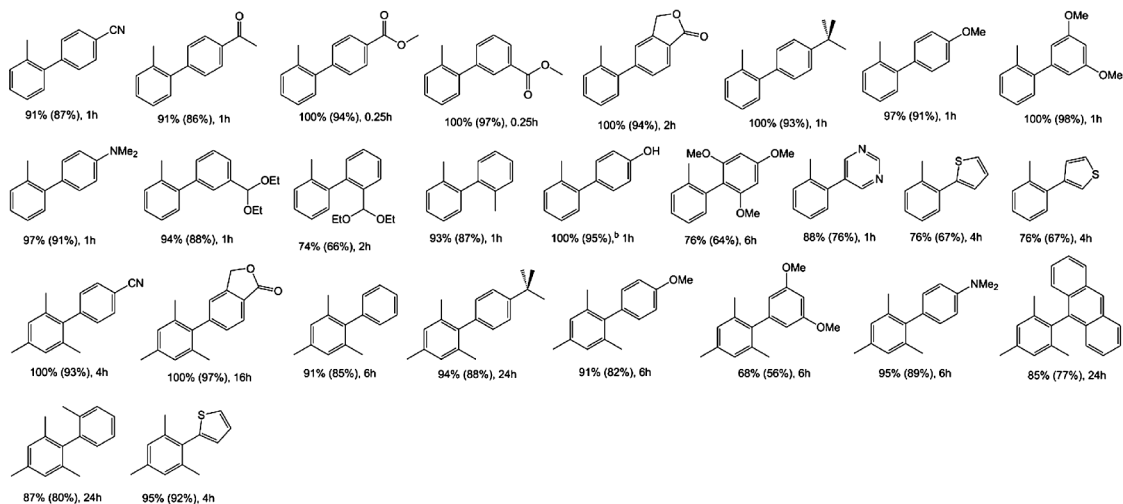
Table 1 Negishi cross-coupling reactions of aryl bromides with diphenylzinc catalyzed by **1**^a

							
100% (94%), 0.25h	100% (96%), 0.25h	100% (95%), 0.5h	100% (98%), 0.25h	100% (95%), 0.25h	80% (95%), 3h	100% (97%), 0.25h	100% (95%), 0.25h
							
96% (91%), 0.25h	100% (93%), 1h	100% (96%), 0.25h	91% (87%), 0.5h	95% (93%), 0.3h	97% (93%), 0.3h	95% (88%), 0.3h	90% (82%), 6h
							
63% (45%), 6h	95% (89%), ^b 0.5h	100% (95%), 1.5h	66% (56%), 1h				

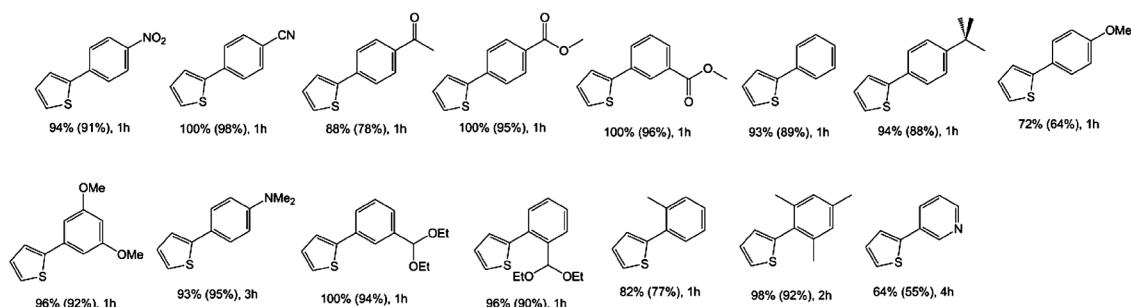
^a Reaction conditions: 2.0 mmol aryl halide, 1.4 mmol diphenylzinc, 4 ml NMP, catalyst (0.01 mol%) added in solution (dioxane), reaction performed at 100 °C. Conversions determined by GC/MS, based on aryl halide. ^b 2.8 mmol of diphenylzinc was used.

Table 2 Negishi cross-coupling reactions of aryl bromides with bis(4-methoxyphenyl)zinc and bis[4-(dimethylamino)phenyl]zinc catalyzed by **1**^a

^a Reaction conditions: 2.0 mmol aryl halide, 1.4 mmol diphenylzinc, 4 ml NMP, catalyst (0.01 mol%) added in solution (dioxane), reaction performed at 100 °C. Conversions determined by GC/MS, based on aryl halide. ^b 2.8 mmol of the diarylzinc was used.

Table 3 Negishi cross-coupling reactions of aryl bromides with bis(2-methylphenyl)zinc and bis(2,4,6-trimethylphenyl)zinc catalyzed by **1**^a

^a Reaction conditions: 2.0 mmol aryl halide, 1.4 mmol diphenylzinc, 4 ml NMP, catalyst (0.01 mol%) added in solution (dioxane), reaction performed at 100 °C. Conversions determined by GC/MS, based on aryl halide. ^b 2.8 mmol of the diarylzinc was used.

Table 4 Negishi cross-coupling reactions of aryl bromides with dithiophen-3-ylzinc catalyzed by **1**^a

^a Reaction conditions: 2.0 mmol aryl halide, 1.4 mmol dithiophen-3-ylzinc, 4 ml NMP, catalyst (0.01 mol%) added in solution (dioxane), reaction performed at 100 °C. Conversions determined by GC/MS, based on aryl halide.

Crystalline metal (Li, Mg, Ca, Sr, Ba, Sn, Pb) complexes of the new chelating *N,N'*-dianionic [1,2-*N*(R)*C*₆H₄(CH₂NR)]²⁻ ligand (R = SiMe₃, CH₂Bu')

Catherine F. Caro, Martyn P. Coles, Peter B. Hitchcock, Michael F. Lappert and Luc J.-M. Pierssens

Dalton Trans., 2011, **40**, 9821 (DOI: 10.1039/C1DT10574D). *Amendment published 6th October 2011.*

The authors overlooked the following paper which described three of our compounds (**2**, **4a**, **4b**), including the X-ray structures of two of them:

R. M. Gauvin, N. Kyritsakas, J. Fischer and J. Kress, *Chem. Commun.*, 2000, 965.

Data for the three compounds were first revealed in the D. Phil (Sussex) thesis of C. F. Caro.

Relaxation dynamics of dysprosium(III) single molecule magnets

Yun-Nan Guo, Gong-Feng Xu, Yang Guo and Jinkui Tang

Dalton Trans., 2011, **40**, 9953 (DOI: 10.1039/C1DT10474H). *Amendment published 3rd October 2011.*

The sum of two modified Debye functions in Eqn. (5) and (6) contain a typographical error; it should read:

$$\chi'(\omega) = \chi_{S,\text{tot}} + \Delta\chi_1 \frac{1 + (\omega\tau_1)^{1-\alpha_1} \sin(\pi\alpha_1/2)}{1 + 2(\omega\tau_1)^{1-\alpha_1} \sin(\pi\alpha_1/2) + (\omega\tau_1)^{(2-2\alpha_1)}} + \Delta\chi_2 \frac{1 + (\omega\tau_2)^{1-\alpha_2} \sin(\pi\alpha_2/2)}{1 + 2(\omega\tau_2)^{1-\alpha_2} \sin(\pi\alpha_2/2) + (\omega\tau_2)^{(2-2\alpha_2)}}$$

$$\chi''(\omega) = \Delta\chi_1 \frac{(\omega\tau_1)^{1-\alpha_1} \cos(\pi\alpha_1/2)}{1 + 2(\omega\tau_1)^{1-\alpha_1} \sin(\pi\alpha_1/2) + (\omega\tau_1)^{(2-2\alpha_1)}} + \Delta\chi_2 \frac{(\omega\tau_2)^{1-\alpha_2} \cos(\pi\alpha_2/2)}{1 + 2(\omega\tau_2)^{1-\alpha_2} \sin(\pi\alpha_2/2) + (\omega\tau_2)^{(2-2\alpha_2)}}$$

In our work, of course, we used these correct equations. Thus, none of our results are affected in any way by the misprint.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

Additions and corrections can be viewed online by accessing the original article to which they apply.

“ Anyone who has
never made a mistake
has never tried
anything new ■

Albert Einstein

Born in Ulm, Germany, 14 March 1879 – 18 April 1955

*German theoretical physicist – well known for discovering the theory of general relativity
effecting a revolution in physics and winner of the Nobel Prize in Physics 1921*

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