

## DAFTAR PUSTAKA

- 1000Bulbs. (2016). Philips 28733-4 - 175 Watt - ED28 - Metal Halide. Retrieved November 21, 2016, from <https://www.1000bulbs.com/product/4821/MH-01753.html>
- Alzubaidi, S., & Soori, P. K. (2012). Study on Energy Efficient Street Lighting System Design. *IEEE International Power Engineering and Optimization Conference*, (June), 291–295.
- Babenko, O. V, Zakharov, V. V, & Ferfetskiy, D. L. (2014). A Method For Cross-Checking The Results Of Lighting Load Estimation While Performing Energy Auditing Of Industrial Premises. *Energetics and Electrical Engineering*, 1–6.
- Croft, T., Summers, W. I., & Hartwell, F. P. (2009). *American Electricians Handbook*. New York: McGraw-Hill.
- Denneman, J. W. (1981). Low-Pressure Sodium Discharge Lamps. *IEE Proceedings A Physical Science, Measurement and Instrumentation, Management and Education, Reviews*, 128(6), 397. <http://doi.org/10.1049/ip-a-1.1981.0065>
- DLE 70 Professional , Laser Measure \_ Bosch. (2016). Retrieved January 1, 2016, from <http://www.bosch-pt.com.my/my/en/laser-measure-dle-70-131500-0601016670.html>
- Dupuis, P., Silalahi, Z. O., Svensson, I., Brundin, J., Sinisuka, N. I., & Zisis, G. (2016). Performance Changes of Energy Saving Lamps Under Lumen Maintenance and Switching Stress Test, 1–8.
- Emleh, A., Beer, A. S. De, Ferreira, H. C., & Vinck, H. A. . (2015). On Mercury Vapor Lamps and Their Effect on the Smart-Grid PLC Channel, 1–6.
- Google Maps. (n.d.). Jalan Wastukencana Kota Bandung (Maps). Retrieved January 1, 2016, from <https://www.google.co.id/maps/place/Jl.+Wastukencana,+Kota+Bandung,+Jawa+Barat/@-6.9126857,107.60755,17.25z/data=!4m5!3m4!1s0x2e68e6384bc907c5:0x4020ab7e9807ccfd!8m2!3d-6.9085508!4d107.6078131>
- Held, G. (2009). *Introduction to Light Emitting Diode Technology and Applications*.
- Hirata, M., Gama, H., & Nakamura, H. (1999). Improvement of Accuracy in Lighting Simulation by Flux Transfer Method. *Proceedings 6th International IBPSA Conference*, (1).

- Hsia, S.-C., Lai, S.-Y., & Ciou, J.-J. (2013). High-Power LED Dimming Driver with Multi-Level Current for Smart Street Lighting System. *ITC Specialist Seminar on Energy Efficient and Green Networking*, 56–60.
- Kostic, M., & Djokic, L. (2009). Recommendations for Energy Efficient and Visually Acceptable Street Lighting. *Energy*, 34(10), 1565–1572. <http://doi.org/10.1016/j.energy.2009.06.056>
- Kotulski, L., Landtsheer, J. De, Penninck, S., Sędziwy, A., & Wojnicki, I. (2013). Supporting Energy Efficiency Optimization in Lighting Design Process, 1–11.
- Linsley, T. (2008). *Advanced Electrical Installation Work*. Oxford: Elsevier.
- Luo, X., Cheng, T., Xiong, W., Gan, Z., & Liu, S. (2007). Thermal Analysis of An 80 W Light-Emitting Diode Street Lamp, 191–196. <http://doi.org/10.1049/iet-opt>
- Lutron Electronic. (n.d.). Auto Range Light Meter Model: LX-113S.
- Mangkuto, R. A. (2015). Validation of DIALux 4.12 and DIALux evo 4.1 against the Analytical Test Cases of CIE 171:2006. *Leukos*, 2724(July), 1–12. <http://doi.org/10.1080/15502724.2015.1061438>
- Maps, G. (n.d.). Jalan Wastukencana Kota Bandung (Street View). Retrieved January 1, 2016, from <https://www.google.co.id/maps/@-6.9131405,107.609033,3a,75y,157.85h,83.32t/data=!3m6!1e1!3m4!1sfhQOQSaQGobC74ZPx1RxSg!2e0!7i13312!8i6656>
- Masoud, M. I. (2015). Street Lighting using Solar Powered LED Light Technology: Sultan Qaboos University Case Study. *IEEE GCC Conference and Exhibition*, 1–6.
- Nath, D., Mazumdar, S., Chandra, J. K., & Bag, A. K. (2015). A Rough Set-Based Method For Aiming Angle Tuning Of Luminaires For Outdoor Sports Lighting. *Lighting Research and Technology*, 1–29. <http://doi.org/10.1177/1477153515597565>
- Nogueira, F. J., Vitoi, L. A., Gouveia, L. H., Casagrande, C. G., Pinto, D. P., & Braga, H. A. C. (2014). Street Lighting LED Luminaires Replacing High Pressure Sodium Lamps: Study of Case. *2014 11th IEEE/IAS International Conference on Industry Applications, IEEE INDUSCON 2014 - Electronic Proceedings*, 1–8. <http://doi.org/10.1109/INDUSCON.2014.7059470>
- Nuttall, D. R., Shuttleworth, R., & Routledge, G. (2008). Design of a LED Street Lighting System. *4th IET International Conference on Power Electronics, Machines and Drives. PEMD*, 436–440. <http://doi.org/10.1049/cp:20080559>

- Reinhart, C., & Breton, P.-F. (2009). Experimental Validation of 3ds Max ® Design 2009 and Daysim 3 . 0. *Eleventh International IBSPA Conferenca*, 1514–1521.
- Santos, P. I. D. dos, Ageira, C. I. F., & Perdigão, M. S. (2013). An Educational Approach to A Cost-Efficiency Analysis Between Lighting Solutions using DIALux. *Power Engineering Conference (UPEC), 2013 48th International Universities*, 1–6.
- Setyaningsih, E., Fat, J., Wardhani, L., & Zureidar, I. (2014). Performance of LED Lights Installed on DKI Jakarta Streets. *2014 Electrical Power, Electronics, Communications, Controls, and Informatics Seminar (EECCIS)*, 45–50.
- Shintani, T., Nagano, S., Ishigamo, T., & Sasaki, H. (1977). Metal Halide Lamp, 1–14.
- Simpson, R. S. (2003). *Lighting Control Technology and Applications*. Oxford: Focal Press.
- SNI 7391:2008 Spesifikasi Penerangan Jalan di Kawasan Perkotaan, SNI Nomor 7391:2008 1–41 (2008). Indonesia.
- Soori, P., & Alzubaidi, S. (2011). Study on Improving The Energy Efficiency of Office Building's Lighting System Design. *GCC Conference and Exhibition (GCC)*, 585–588. <http://doi.org/10.1109/IEEEGCC.2011.5752604>
- Tuzkan, S., & Güneş, M. (2013). Illumination Simulation With Dialux 4 . 11 : An Application of Special Office. *3rd International Symposium on Computing in Science & Engineering, 2013*, 152–164.
- Undang-Undang Republik Indonesia Nomor 38 Tahun 2004 Tentang Jalan, Pub. L. No. Nomor 38 Tahun 2004 (2004). Indonesia.
- Universitas Pendidikan Indonesia. Pedoman Penulisan Karya Ilmiah UPI Tahun Akademik 2015, Pub. L. No. Peraturan Rektor Universitas Pendidikan Indonesia Nomor 5804/UN40/HK/2015 (2015).
- Welsh, B., & Farrington, D. (2008). Effects of Improved Street Lighting on Crime: A Systematic Review. *Campbell Systematic Reviews*, (13). Retrieved from <http://www.campbellcollaboration.org/lib/project/45/>
- Wibisono, G., & Bayhaki, A. (n.d.). Design and Implementation Of Smart Wireless Street Lighting System With Ad-Hoc Network Configuration, 559–563.
- Xiaogang, L., Zhaohui, C., & Sheng, L. (2011). Static and Dynamic Analysis for

High Power Light Emitting Diode Street Light Fixtures Under Wind Load. *Electronic Packaging Technology and High Density Packaging (ICEPT-HDP), 2011 12th International Conference on*, (1), 1–4. <http://doi.org/10.1109/icept.2011.6067018>

Zhang, W., Liu, Y., Zhang, X., Li, H., & Liu, W. (2006). Low Frequency Model for the Metal Halide. *Power Electronics and Motion Control Conference, 2006. IPEMC 2006. CES/IEEE 5th International*, (1), 1–5.