DAFTAR PUSTAKA

Allan, A. C., Garcia-Hansen, V., Isoardi, G., & Smith, S. S. 2019. Subjective assessments of lighting quality: A measurement review. Leukos, 15(2-3), 115-126.

A.M. Atzeri, F. Cappelletti, A. Tzempelikos, A. Gasparella. 2016. Comfort metrics for an integrated evaluation of buildings performance, Energy Build. 127 (2016) 411e424,

Amin, S., Jamala, N., & Luizjaya, J. 2017. Analisis Pencahayaan Alami pada Ruang Kuliah Fakultas Teknik Universitas Hasanuddin. Jurnal Lingkungan Binaan Indonesia, 6(1), 33-38.

Anderson, Ferry, 2008. Studi Pemanfaatan Pencahayaan Alami pada Beberapa Rancangan Ruang Kelas Perguruan Tinggi di Medan, Pascasarjana Universitas Sumatera Utara.

Atthaillah, A., Muhammad, I., & Iman, S. 2017. Simulasi Pencahayaan Alami pada Gedung Program Studi Arsitektur Universitas Malikussaleh. Simulasi Pencahayaan Alami pada Gedung Program Studi Arsitektur Universitas Malikussaleh, 16(2), 113-124.

Axarli, Kleo & Katerina Tsikaloudaki. 2007. *Enchancing Visual Comfort In Classroom Throught Daylight Utilization.Proceeding of Clima. Aristotle Universityof Thessaloniki, Greece.*

Baharuddin. 2009. *An Investigation of Factors Affecting Prediction of Daylight Avaibility in High-rise Residential Buildings in a-High-density Urban Environment*. University of Hong Kong, China.

Baharuddin, Lau, S. S., & Rahim, R. 2010. Daylight availability in Hong Kong: classification into three sky conditions. Architectural Science Review, 53(4), 396-407.

Bian, Y., Leng, T., & Ma, Y. 2018. A proposed discomfort glare evaluation method based on the concept of'adaptive zone'. Building and Environment, 143, 306-317.

Borisuit, A., Linhart, F., Scartezzini, J. L., & Münch, M. 2015. Effects of realistic office daylighting and electric lighting conditions on visual comfort, alertness and mood. Lighting Research & Technology, 47(2), 192-209.

Bimo Walgito.1989. Pengantar Psikologi Umum.Yogyakarta. ANDI Yogyakarta.

Bian, Y., & Luo, T. 2017. Investigation of visual comfort metrics from subjective responses in China: A study in offices with daylight. Building and Environment, 123, 661-671.

Budiman, Linda, Indrayani, Hedy, 2012. Desain Pencahayaan pada Ruang Kelas SMA Negeri 9 Surabaya. Dimensi Interior Vol.10No.1 Juni 2012.

Carlucci, S., Causone, F., De Rosa, F., & Pagliano, L. 2015. A review of indices for assessing visual comfort with a view to their use in optimization processes to support building integrated design. *Renewable and sustainable energy reviews*, *47*, 1016-1033.

Darmasetiawan, C, L, Puspakesuma. 1991. *Teknik Pencahayaan dan Tata Letak Lampu.* Gramedia: Jakarta.

Garretón, J. Y., Rodriguez, R. G., Ruiz, A., & Pattini, A. E. 2015. Degree of eye opening: A new discomfort glare indicator. Building and Environment, 88, 142-150.

Garretón, J. A. Y., Colombo, E. M., & Pattini, A. E. 2018. A global evaluation of discomfort glare metrics in real office spaces with presence of direct sunlight. Energy and Buildings, 166, 145-153.

Mathalamuthu, A. D., Ibrahim, N. L. N., Vignes Ponniah, M. W. M., & Shafiei, R. I. 2018. Illuminance uniformity using Public Works Department (PWD) standard design for public schools classroom design in Malaysia. J. Adv. Res. Fluid Mech. Thermal Sci, 52(2), 205-214.

Hamzah, B., & Lau, S. S. (2016). The development of visible sky area as an alternative daylight assessment method for high-rise buildings in high-density urban environments. Architectural Science Review, 59(3), 178-189.

Hamzah, B., Lau, S. S. Y., Zhang, Z., Zou, Y., & Gou, Z. 2016. Lighting Analysis at Access Zone of Tunnel Entrance of Hong Kong-Zuhai-Macao Bridge (HZMB). International Journal of Engineering and Science Applications, 3(1), 97-109.

Hirning, M. B., Isoardi, G. L., Coyne, S., Hansen, V. G., & Cowling, I. 2013. Post occupancy evaluations relating to discomfort glare: A study of green buildings in Brisbane. Building and Environment, 59, 349-357.

Hirning, M. B., Isoardi, G. L., & Garcia-Hansen, V. R. 2017. Prediction of discomfort glare from windows under tropical skies. Building and Environment, 113, 107-120.

Idrus, Irnawaty, 2016. Intensitas Pencahayaan Alami Ruang Kelas Sekolah Dasar di Kota Makassar. Prosiding Simposium Rapi, 2016.

IEA. 2000. *Daylight in Buildings, A Source Book on Daylighting System and Components*. Lawrence Berkeley National Laboratory: Berkeley.

IESNA. 2000. *The IESNA Lighting Handbook*. IESNA Publication Department: New York.

Idrus, I., Hamzah, B., & Mulyadi, R. 2016. Intensitas pencahayaan alami ruang kelas sekolah dasar di Kota Makassar.

Irnawaty, I., Rahim, M. R., Hamzah, B., & Jamala, N. 2019. Daylight intensity analysis of secondary school buildings for environmental development. In IOP Conference Series: Earth and Environmental Science (Vol. 382, No. 1, p. 012022). IOP Publishing.

Iversen, A., Roy, N., Hvass, M., Jørgensen, M., Christoffersen, J., Osterhaus, W., & Johnsen, K. 2013. Daylight calculations in practice: An investigation of the ability of nine daylight simulation programs to calculate the daylight factor in five typical rooms.

Illahi, Fadli, 2013. Evaluasi Pemenuhan Standar Pencahayaan Alami Ruang Kelas. Universitas Pendidikan Indonesia.

Jamala, N. 2017. The effect of building façade on natural lighting (Case study: Building of phinisi tower UNM). In AIP conference Proceedings (Vol. 1831, No. 1, p. 020061). AIP Publishing LLC.

Jamala, N. 2015. Analisis Pencahayaan Bangunan Hemat Energi (Studi Kasus: Gedung Wisma Kalla di Makassar). Jurnal Penelitian dan Karya Ilmiah Arsitektur Usakti, 15(2).

Jamala, N., Rahim, R., & Mulyadi, R. 2019. Analysis of Natural Light Distribution in the Building. In IOP Conference Series: Materials Science and Engineering (Vol. 619, No. 1, p. 012024). IOP Publishing.

Jamala, N., & Rahim, R. 2017. Teori dan Aplikasi Kenyamanan Visual. Badan Penerbit UNM, Makassar.

Jakubiec, J. A., & Reinhart, C. F. 2012. The 'adaptive zone'–A concept for assessing discomfort glare throughout daylit spaces. Lighting Research & Technology, 44(2), 149-170.

Jakubiec, J. A., Quek, G., & Srisamranrungruang, T. 2018. Towards subjectivity in annual climate-based daylight metrics. Proceedings of Building Simulation; Cambridge, UK.

Jakubiec, J. A., & Reinhart, C. F. 2016. A concept for predicting occupants' long-term visual comfort within daylit spaces. Leukos, 12(4), 185-202.

Jakubiec, J. A., Srisamranrungruang, T., Kong, Z., Quek, G., & Talami, R. 2019. Subjective and Measured Evidence for Residential Lighting Metrics in the Tropics. In Build. Simul. Conf..

Karlen, M, Benya, J. 2004. *Lighting Design Basic: Dasar-Dasar Desain Pencahayaan*. Terjemahan oleh Diana Rumagit. 2007. Erlangga: Jakarta.

Konis, K., 2017. A novel circadian daylight metric for building design and evaluation. Building and Environment Volume 113, 15 February 2017, Pages 22-38.

Konstantzos, I., & Tzempelikos, A. 2017a. Daylight glare evaluation with the sun in the field of view through window shades. Building and Environment, 113, 65-77.

Konstantzos, I., & Tzempelikos, A. 2017b. A holistic approach for improving visual environment in private offices. Procedia environmental sciences, 38, 372-380.

Konis, K., Lee, E. S., & Clear, R. D. 2011. Visual comfort analysis of innovative interior and exterior shading systems for commercial buildings using high resolution luminance images. Leukos, 7(3), 167-188.

Konis, K. (2014). Predicting visual comfort in side-lit open-plan core zones: Results of a field study pairing high dynamic range images with subjective responses. Energy and buildings, 77, 67-79.

Korsavi, S. S., Zomorodian, Z. S., & Tahsildoost, M. 2016. Visual comfort assessment of daylit and sunlit areas: A longitudinal field survey in classrooms in Kashan, Iran. Energy and Buildings, 128, 305-318.

Kurniawan, Aan, 2008. Analisis Tingkat Pencahayaan Alami (Studi Kasus Ruang Kelas SMA Negeri 9 Makassar. Jurnal Teknik Sipil & Perencanaan, UNM.

Lechner, Norbert. 2001. *Heating, Cooling, Lighting*: Metode Desain untuk Arsitektur Edisi Kedua. Terjemahan oleh Sandriana Siti. 2007. Raja Grafindo Persada: Jakarta.

Lippsmeier, Georg. 1994. *Bangunan Tropis*. Erlangga: Jakarta.

Mardaljevic, J., Heschong, L., & Lee, E. 2009. Daylight metrics and energy savings. Lighting Research & Technology, 41(3), 261-283.

Manurung, P. 2012. Pencahayaan Alami dalam Arsitektur. Yogyakarta. Penerbit Andi, 30.

Mandala, A., Santoso, A. R., & Gunawan, R. 2016. Komparasi Metode Perhitungan Pencahayaan Alami (Perhitungan Manual, Simulasi Maket, dan Simulasi Digital).

Mangkuto, R. A., Kurnia, K. A., Azizah, D. N., Atmodipoero, R. T., & Soelami, F. N. 2017. Determination of discomfort glare criteria for daylit space in Indonesia. Solar Energy, 149, 151-163.

Mangkuto, R. A., Asri, A. D., Rohmah, M., Soelami, F. N., & Soegijanto, R. M. 2016. Revisiting the national standard of daylighting in Indonesia: A study of five daylit spaces in Bandung. Solar Energy, 126, 276-290.

Mangunwijaya, YB. 2000. *Pengantar Fisika Bangunan*. Djambatan: Jakarta.

Manurung, P., 2008, Kualitas Pencahayaan Pada Bangunan Bersejarah, jurnal Dimensi Teknik Arsitektur, vol.36:28-34.

Nabil, A., & Mardaljevic, J. 2005. Useful daylight illuminance: a new paradigm for assessing daylight in buildings. Lighting Research & Technology, 37(1), 41-57.

Nabil, A., & Mardaljevic, J. 2006. Useful daylight illuminances: A replacement for daylight factors. Energy and buildings, 38(7), 905-913.

Nezamdoost, A., & Van Den Wymelenberg, K. 2017a. A daylighting field study using human feedback and simulations to test and improve recently adopted annual daylight performance metrics. Journal of Building Performance Simulation, 10(5-6), 471-483.

Nezamdoost, A., & Van Den Wymelenberg, K. G. 2017b. Revisiting the daylit area: Examining daylighting performance using subjective human evaluations and simulated compliance with the LEED version 4 daylight credit. Leukos, 13(2), 107-123.

Permen PU 29/PRT/M/2006 tentang Pedoman Persyaratan Teknis Bangunan Gedung

Prihatmanti, Rani & Yohana, Maria, 2016. Lighting Performance pada Ruang Kelas di Bangunan Bersejarah. Jurnal Aksen Vol.2 No.1 Oktober 2016.

Poerwadarminta, W.J.S. 1990. *Kamus Besar Bahasa Indonesia*. Balai Pustaka, Jakarta.

Rahim, Ramli. 2009. Teori dan Aplikasi *Distribusi Luminansi Langit di Indonesia*. Jurusan Arsitektur Fakultas Teknik Universitas Hasanuddin: Makassar.

Rahim, R., & Mulyadi, R. 2004. Classification of daylight and radiation data into three sky conditions by cloud ratio and sunshine duration. Energy and Buildings, 36(7), 660-666.

Rahim, M. R. 2013. Fisika Bangunan untuk Area Tropis. PT Penerbit IPB Press.

Rahim, R., & Mulyadi, R. 2004. Preliminary study of horizontal illuminance in Indonesia.

Reinhart, C. F., & Weissman, D. A. 2012. The daylit area–Correlating architectural student assessments with current and emerging daylight availability metrics. Building and environment, 50, 155-164.

Reinhard, Christoph. 2010. *Tutorial on The Use of Daysim Simulations for Sustainable Design*. Harvard University: Cambridge.

Robbins, Stephen P. 2003. Perilaku Organisasi. Index. Jakarta.

Rony, Adityananda. 1998. *Pengendalian Cahaya Alami Sebagai Upaya Penghematan Energi pada Bangunan Perkantoran*. Tesis tidak diterbitkan. Program Pascasarjana UNDIP: Semarang.

Satwiko, P. 2009. Physics Building. Andi Offset, Yogyakarta.

Samani, S.A, 2012. *The Impact of Indoor Lighting on Students Learning Performance in Learning Environment: A Knowledge Internalization Perspective.* Internasional Journal of Bussiness and Social Science Vol.3 No.24. Special Issue-Dec.2012

Slameto. 2010. Belajar dan Faktor-Faktor yang Mempengaruhinya. Jakarta: Rineka Cipta.

Soegijanto, 1998. *Bangunan di Indonesia dengan Iklim Tropis lembab Ditinjau dari Aspek Fisika Bangunan*. Dirjen Dikti Depdikbud. Jakarta.

Statistik, Badan Pusat. 2012. Makassar dalam Angka 2012.

Steffy, Gary, 2002, Architectural Lighting Design, John Wiley and Sons. Inc, New York.

SNI 03-2396-2001: *Tata Cara Perancangan Sistem Pencahayaan Alami pada Bangunan Gedung*.

SNI 03-6575-2001: *Tata Cara Perancangan Sistem Pencahayaan Buatan pada Bangunan Gedung*.

SNI 03-6197-2000: *Konservasi Energi Sistem Pencahayaan pada Bangunan Gedung*.

Suk, J. Y., Schiler, M., & Kensek, K. 2017. Investigation of existing discomfort glare indices using human subject study data. Building and Environment, 113, 121-130.

Suk, J. Y., Schiler, M., & Kensek, K. 2017. Reflectivity and specularity of building envelopes: how materiality in architecture affects human visual comfort. Architectural Science Review, 60(4), 256-265.

Suk, J. Y., Schiler, M., & Kensek, K. 2013a. Development of new daylight glare analysis methodology using absolute glare factor and relative glare factor. Energy and Buildings, 64, 113-122.

Suk, J. Y., Schiler, M., & Kensek, K. 2016. Absolute glare factor and relative glare factor based metric: predicting and quantifying levels of daylight glare in office space. Energy and buildings, 130, 8-19.

Suk, J., & Schiler, M. 2013b. Investigation of Evalglare software, daylight glare probability and high dynamic range imaging for daylight glare analysis. Lighting Research & Technology, 45(4), 450-463.

Szokolay, SV. 1980. *Environment Science Handbook: for Architects and Builders*. The Construction Press: New York.

Van Den Wymelenberg, K., Inanici, M., & Johnson, P. 2010. The effect of luminance distribution patterns on occupant preference in a daylit office environment. Leukos, 7(2), 103-122.

Zomorodian, Z. S., & Tahsildoost, M. 2018. Energy and carbon analysis of double skin façades in the hot and dry climate. Journal of Cleaner Production, 197, 85-96.