

POLC Success Story at Renata's Kitchen, Philadelphia, PA

The owner of the building in which the restaurant, Renata's Kitchen is located, on Baltimore Ave. in Philadelphia, had equipped the building exterior with thirteen unshielded wall-mounted perimeter lights having 4000K CCT color temperature. The owner stated that these lights had been chosen by their engineer. The result was considerable light trespass onto adjoining properties, and a light trespass problem in the sleeping quarters of an apartment across the street. The newly installed outdoor lighting was also a substantial source of glare for patrons at the restaurant's entrance, and on the outdoor dining terrace. At the same time, some patrons on the outdoor terrace noted that the lighting at some of the tables was inadequate. Further, a substantial portion of the emitted light was wasted uplight. Importantly, the outdoor lighting also violated the Philadelphia Zoning Code.



Unshielded perimeter lighting - glare and light trespass

A tenant living in the apartment building contacted the Pennsylvania Outdoor Lighting Council and explained the problem, saying that he was at a loss as to how to deal with the light trespass problem. A POLC volunteer researched the Philadelphia Zoning

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Ordinance and determined that the newly installed lighting was in violation of the code requirements for shielding. That critical information and the POLC volunteer's advice after visiting the site provided the vocabulary needed to approach the building owner and request a remedy to the apartment dweller's light trespass problem. The result was positive improvement in the quality of the outdoor visual environment.

The building owner, Philly Office Retail, willingly replaced the offending fixtures with *shielded* LED fixtures, and the new lighting was much more in harmony with the other existing 3000K outdoor lighting on the premises, and it was also much more flattering to the building architecture. Patrons approaching the building entrance could now enjoy much better visual comfort and virtually no glare. Glare was also substantially reduced on the restaurant's outdoor dining terrace, where the lighting levels on the tabletops were noticeably improved, and the warmer 3000K CCT light was more in keeping with the intended relaxing atmosphere of the dining setting.

Philly Office Retail, deserves a lot of credit for positively responding to the needs of the restaurant tenant and the neighbors, while at the same time providing substantially improved outdoor lighting for the dining terrace, thereby, all in all, better serving the customers. With POLC's help in making it happen, the building owners did themselves and the neighborhood a big favor!

	
Original unshielded 4000K perimeter fixture that produced glare and light trespass	Replacement shielded fixture - 3000K LED light source