



2009 IECC Exterior Lighting Compliance Work Sheet
 Zone 2 (Residential and multifamily, O – Office, NS – Neighborhood Services, CS – Community Service)
 May 24, 2012

| | | | | |
|--|---|---|--|--|
| Basic Site Allowance | | 600 Watts (May be used in tradable or non-tradable surfaces) | | |
| Tradable Surface Areas Lighting Allowance | | | | |
| Uncovered Parking Areas (A) | | Area or Linear ft of Proposed Design (B) | Total Allowed Wattage (C) (A x B) | Lighting Provided (D) (Watts) |
| Parking areas and drive | 0.06 W/ft ² | | | |
| Building Grounds (A) | | | | |
| Walkways less than 10 ft | 0.7 W/Linear ft | | | |
| Walkways 10ft or greater, plaza areas or special feature areas. | .14 W/ft ² | | | |
| Stairways | 1.0 W/ft ² | | | |
| Pedestrian Tunnels | .15 W/ft ² | | | |
| Building Entrances and Exits (A) | | | | |
| Main Entries | 20 W/Linear ft of door width | | | |
| Other Doors | 20 W/Linear ft of door width | | | |
| Entry Canopies | .25 W/ft ² | | | |
| Sales Canopies (A) | | | | |
| Free Standing and Attached | .6 W/ft ² | | | |
| Outdoor Sales (A) | | | | |
| Open Areas (including vehicle sales lots) | .25 W/ft ² | | | |
| Street frontage for vehicle sales lots in addition to "open area" allowance | 10 W/Linear ft | | | |
| Total Sum of Allowed Wattage for Tradable Surfaces (Sum of Column C + 600 Watts) | | | | |
| Total Sum of Lighting Provided (Sum of Column D) | | | | |
| Total Sum of Allowed Wattage for Tradable Surfaces ≥ Total Sum of Lighting Provided | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Non Tradable Surfaces (Can only be used for the specific applications listed below) | | | | |
| Building Facades | .1 W/ft ² for each illuminated wall or surface area or 2.5 W/Linear ft for each illuminated wall or surface length | | | |
| ATM/night deposit machines | 270 W per location plus additional 90 W per additional ATM | | | |
| Entrances, gatehouse stations at guarded facilities | .75 W/ft ² of covered and uncovered area | | | |
| Loading areas for law enforcement, fire, ambulance etc | .5 W/ft ² of covered and uncovered area | | | |
| Drive up window/doors | 400 W per drive through | | | |
| Parking near 24hr retail entrances | 800 W per main entry | | | |
| Total Sum of Allowed Wattage (Sum of Column C) | | | | |
| Total Sum of Lighting Provided (Sum of Column D) | | | | |
| Total Sum of Allowed Wattage ≥ Total Sum of Lighting Provided | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |