

## NEWS RELEASE



ElectroniCast Consultants

### Human Centric Lighting (HCL) Market Forecast

***According to ElectroniCast, the use of selected modules/devices in HCL is forecast to increase 38% in 2019 over last year ...***

***Aptos, CA (USA) – January 29, 2019*** -- ElectroniCast Consultants, a leading market/technology consultancy, today announced the release of their market study and forecast of the use of LED light engines, lighting management LED Drivers control interface modules/devices (DALI, DMX, other), lighting sensors, switches, dimmers units, and other control units that are initially and primarily used with Human Centric Lighting (HCL) as the primary objective and initial consideration.

Human Centric Lighting, also sometimes referred to as Biodynamic Light or Circadian Lighting, is the next development stage in the evolution of lighting design. HCL is aimed to mimic (closely imitate) the natural color of daylight, which stimulates the production of melatonin and serotonin which control the physical, mental and behavioral changes that follow a roughly 24-hour cycle, responding primarily to light and darkness in a person, or their circadian rhythm. Another consideration is seasonal affective disorder (SAD), which is a form of seasonal depression or winter depression. People with SAD experience mood changes and symptoms similar to depression.

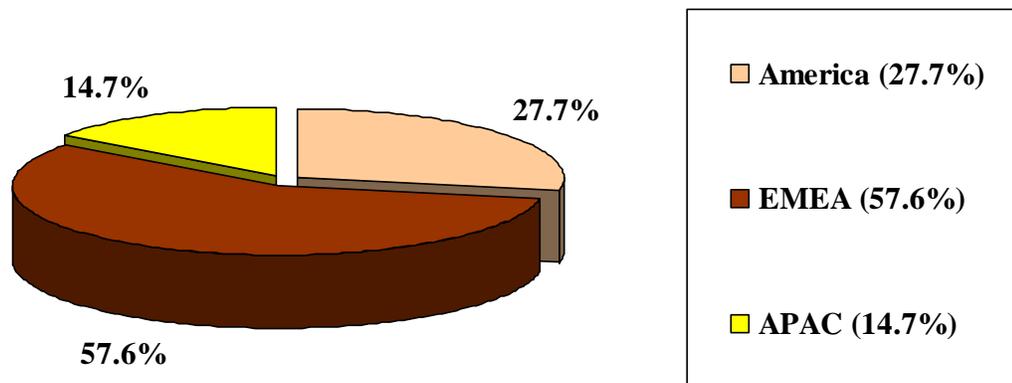
Last year (2018), the global consumption value of selected modules/devices in HCL reached \$617.6 million, and is forecast to increase 38% in 2019 to \$850.9 million.

This study provides a 10-year forecast global forecast and analysis (2018-2028) of the use of the specified HCL modules/devices for use in offices/work, retail stores/shopping, and education/schools, hospitality, healthcare and other applications.

According to the ElectroniCast report, increasingly, the automatic assembly and test manufacturing process for solid-state lighting (SSL) products allow for mass-production capability. In addition, over the next few years, the average selling prices of the Human Centric Lighting products (HCL) will be driven lower, as a result of production efficiencies, yield improvements (aided by quality controls), competition (both market competition and technology competition), marketing/sales distribution improvements, and other factors.

An early starter in HCL implementation, the Europe, Middle East, Africa region (EMEA), is the current market leader in the use of the modules and devices quantified in this market study; however, both the America region and the Asia Pacific region (APAC) are forecast with faster annual growth during the next decade.

**Modules/Devices in SSL-Based Human Centric Lighting  
Regional Market Share (\$617.6 Million in 2018)  
Source: ElectroniCast Consultants**



This market forecast report, which is available immediately, is part of a consultant service from ElectroniCast Consultants to our clients. For detailed information on this or other services provided by ElectroniCast, please contact Theresa Hosking, Marketing/Sales; [thosking@electronicastconsultants.com](mailto:thosking@electronicastconsultants.com) (Telephone/USA: 831-708-2381)

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