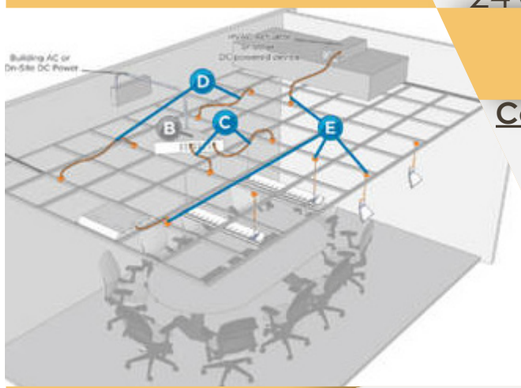
DC / Hybrid Lighting Design Templates

Description: In endit aut voluptatin nihitassimos sint eatem id maiossum volo modipsus aut est voluptas eos eos que eat. Obistia quae idebiss itiur, odicietur?

Benefits & Features: Bereptasim et es aligent esed ute sitio explaut es etusdanto et, officid quiam, offic tempori aspellum que cuptur, si ipit auteseque iur sent mint platis magnitincium quiatqui

24V DC Ceiling Grid Lighting



Costs:

Benefits & Features: Bereptasim et es aligent esed ute sitio explaut es etusdanto et, officid quiam, offic tempori aspellum que cuptur, si ipit auteseque iur sent mint platis magnitincium quiatqui

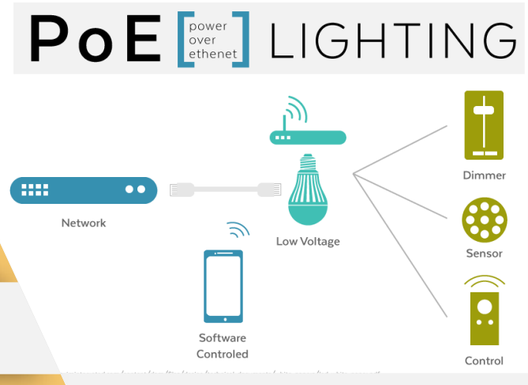
USB Lighting

Costs:

Description: In endit aut voluptatin nihitassimos sint eatem id maiossum volo modipsus aut est voluptas eos eos que eat. Obistia quae idebiss itiur, odicietur?

Costs:

Power over Ethernet (PoE) Lighting



Benefits & Features: Bereptasim et es aligent esed ute sitio explaut es etusdanto et, officid quiam, offic tempori aspellum que cuptur, si ipit auteseque iur sent mint platis magnitincium quiatqui

Description: In endit aut voluptatin nihitassimos sint eatem id maiossum volo modipsus aut est voluptas eos eos que eat. Obistia quae idebiss itiur, odicietur?

Costs:

Low Voltage DC Emergency Lighting

Benefits & Features: Bereptasim et es aligent esed ute sitio explaut es etusdanto et, officid quiam, offic tempori aspellum que cuptur, si ipit auteseque iur sent mint platis magnitincium quiatqui

DC Hybrid Lighting

DC / HYBRID LIGHTING CASE STUDIES		
	RESIDENTIAL	**COMMERCIAL**
Location		
Type		
Size		
System		

Widespread adoption of LED lighting is poised to be the single, largest advancement in lighting efficiency during the 21st century.[1] LEDs are DC devices, and run more efficiently directly from native DC current.

The CPUC has adopted a plan to transform the lighting market and achieve 60 - 80% reductions in lighting energy consumption, over a 2010 baseline, by 2020.[2]

Energy consumption for lighting accounts for nearly 20% of the California's electricity demand. AB 1109 requires that average statewide lighting energy consumption in 2018 be reduced by 25-5-% from 2007 levels.

The new standard in California (Building Energy Efficiency Standards Title 24, Part 6), requires lighting controls and demand response capabilities (known as adaptive lighting), which automatically turn off or dim lights when they are not in use of needed.[3] Capabilities like these are ideally met by DC Hybrid lighting which naturally combines power and data.

1. http://cltc.ucdavis.edu/project/new-generation-led-lighting-solutions
2. http://docs.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/123803.htm
3. http://www.energy.ca.gov/title24/2013standards/supporting_docs.html

FEATURES & BENEFITS OF DC / HYBRID LIGHTING

MARKET ADOPTION & BARRIERS

* Codes & Standards
* Costs
* Market Adoption

DC / HYBRID LIGHTING TECHNOLOGIES

Introduction to systems and applications for residential and commercial construction.

INFORMATION & RESOURCES

DC / Hybrid Lighting	Technology	Products	Web Links	Applications
	24V Ceiling Grid			
	Power Over Ethernet			
	5V USB Power			
	Low Voltage Emergency Lighting			