WHAT DO DESIGNERS LOOK FOR IN LIGHTING FIXTURES?

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BROAD VIEW

- Light Quality: source; distribution/ optics
- Physical Attributes: delivered light quality; construction; size & shape; application; NRTL
- Support: information; representation
- Meets the price point: value relative to budget
LIGHT QUALITY – SOURCE

- General: 80+ CRI; CCT; long life; efficacious; cd/lms; “clean beam”; dim/non-dim

- Halogen: IR (MR & PAR)

- Fluorescent: T5, T8/energy ballast, CFL

- LED: color consistency/ 2-step MacAdam ellipse; light output; module

- CMH: Use T4- T6; prefer twist-and-lock or G12 bi-pin base to G8.5 bi-pin (more sturdy); also CMH PAR30 & CMH MR16
T4.5 G8.5 Bi-pin  T6 G12 Bi-pin  T4 GU6.5 Twist & Lock
LIGHT QUALITY – DISTRIBUTION

- lamp optics/ lens & reflector options
- narrow spot to wide flood
- wall wash with good on center spacing
- beam conditioning (Solite, microprism)
PHYSICAL ATTRIBUTES

- **Application**: specific and project-wide (family)

- **Size & Shape**: housing size/recessing depth; aperture: diameter/shape

- **Appearance**: finish; trim/trimless; quiet in ceiling – low glare
PHYSICAL ATTRIBUTES

- **Construction**: quality/durability; examine/test sample; reputation

- **Installation/Maintenance**: leveling; aligning; re-lamping

- **Standards/Ratings**: NRTL: UL, ETL; IP Ratings
PHYSICAL ATTRIBUTES

• Adjustable; 35 – 45° vertical/ 359° horizontal/ center beam optics; locking; hot-aiming

• Linear Strips: small profile; small modules (2” – 4”); fit end-to-end/ or staggered; no visible shadowing between; jumpers for corners/ curves; integral/remote power supplies
SPECIFICATION SUPPORT

- Information:
  - Catalog: web or hard-copy based – clear and comprehensive
  - Reps/ Factory: available and informed/ modifications & customs
  - Photometrics
- Samples
- Presentations
- Showrooms/installations
PRICING/VALUE

- Meets price point for project budget level (target market)
- Supply DN pricing for initial budgeting
- Available to meet with Client/PM
SUPPLY/INSTALLATION SUPPORT

- Schedules – realistic lead times
- Available for installation questions/assistance
THANK YOU !