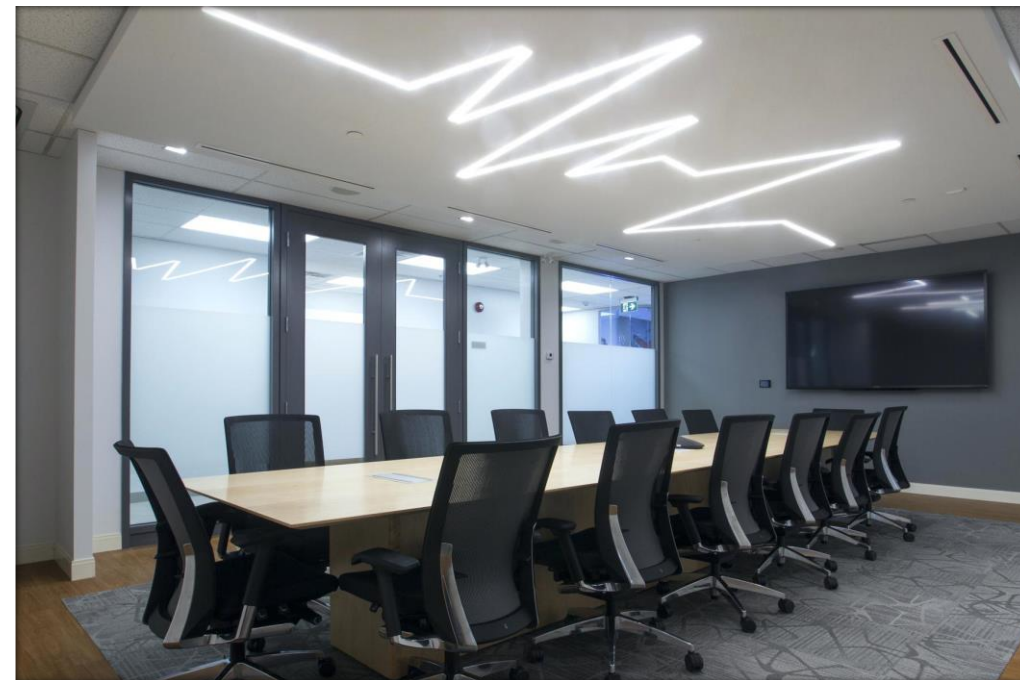# ARCHITECTURAL INDOOR LIGHTING 2019 - 2020

INHOUSE DESIGN & CUSTOMIZATION

NOVO™
LIGHTING

MKUniversal™
Engineering & Trading Limited

NOVO™ LIGHTING

> "INNOVATION SHOULD NOT BE AN EVENT, IT SHOULD BE A CONSTANT EVOLUTION"

Novo Lighting, a member of ME Universal Engineering & Trading, has evolved as a preferred choice of Architects, Consultants, Project Managers and Clients when they look for a reliable Lighting partner for their projects, be it Offices/ Homes/ Hotels/ Hospitals/ Malls or Streets/ Urban Infrastructure.

Novo Lighting also export its products to Europe, UK, Middle East and has team of expert Lighting Engineers for Lighting designs and Product Engineering

Novo Lighting has compatible products for following technologies:-

- ✓ **Ethernet Connected Networked Lighting**
- ✓ **IP500 Wireless controlled Lighting**
- ✓ **Dual Tone Mixed CCT lighting**

MK Universal™
Engineering & Trading Limited

CLIENTS

NOVO LIGHTING™

NORTH INDIA

- **kotak** — Aerocity, Delhi
- **Bata** — Gurgaon
- **Symantec** — Gurgaon
- **ANZ** — Gurgaon
- **zomato** — Gurgaon
- **PROPTIGER.com** — Gurgaon
- **LE PASSAGE TO INDIA** — Noida
- **nearbuy** — Gurgaon
- **HSBC** — Gurgaon
- **AIRBUS** — Gurgaon
- **IndiGo** — Gurgaon
- **ORACLE** — Gurgaon
- **s.Oliver** — Gurgaon
- **Expedia** — Gurgaon
- **BT** — Gurgaon
- **SAMSUNG** — Gurgaon
- **Cheil** — Gurgaon

SOUTH INDIA

- **KARLE INFRA** — Bangalore
- **Altisource** — Bangalore
- **Capgemini** — Bangalore
- **UBER** — Hyderabad & Chennai
- **DELL** — Bangalore
- **JPMorganChase** — Bangalore
- **Cognizant** — Coimbatore
- **KARVY** — Hyderabad
- **Microsoft** — Hyderabad
- **Quikr** — Bangalore
- **MYNTRA.com** — Bangalore

WEST INDIA

- **UBS** — Pune & Mumbai
- **DOSTI** — Mumbai
- **bmc** — Pune
- **JM FINANCIAL** — Mumbai
- **FEDERAL BANK** — Mumbai
- **Cognizant** — Pune

INTERNATIONAL

- **THE ARAMCO GROUP** — Saudi Arabia

NOVO
LIGHTING

Novo has been working on delivering cost effective, simple, but life critical reliable wireless network solution for building systems for future IP based Building Automation. In this process, Novo Lighting became the first Indian Lighting company to join likes of Honeywell, Bosch, Dorma and other players at IP500 Alliance of Germany which offers IP500 wireless platform approved by VDE (European certifying agency) for security and building systems.

This proposal is based on IP500 platform, which is a proven, tested , certified platform for Internet of Things projects.

Safety & Security
Smoke Detection
Intrusion
Access Control
Emergency Evacuation

SmartCity / Grid
Infrastructure Monitoring
StreetLight Solutions
Asset Location
Desater Monitoring

Smart Handhelds & Wearables
Company Badges
Bracelets
Asset Tracking / Tags
SmartPhones & Tablets

SmartFacilties & Home
Building Automation
Energy Efficiency
Home Automation
Smart Meters

IP500 INFRASTRUCTURE PROVIDES

✓ _highest redundancy_ of large wireless networks in commercial buildings (required for conformity with regulations, like EN or VdS for Safety & Security Applications)

✓ _highest scalability_ and adaptability of infrastructure is based on the synergy of the IP500 network performance with Dual Band capability

✓ _Fault-Tolerance_ of each IP500 node

   – sensor connectivity

   – redundant data storage

   – disaster scenarios

Please contact us for Connected Buildings and Cities with IP500 compatible Lighting system design

SMART OFFICE

NOVO LIGHTING

ME Universal promoted smart office is an open, IP-based, decentralized and scalable building management system.

SYSTEM BENEFITS

Compared to traditional building automation solutions the smart office concept reduces the necessary effort. It simplifies the design, implementation, operating and maintenance of such systems. The operational and commercial benefits are detailed below.
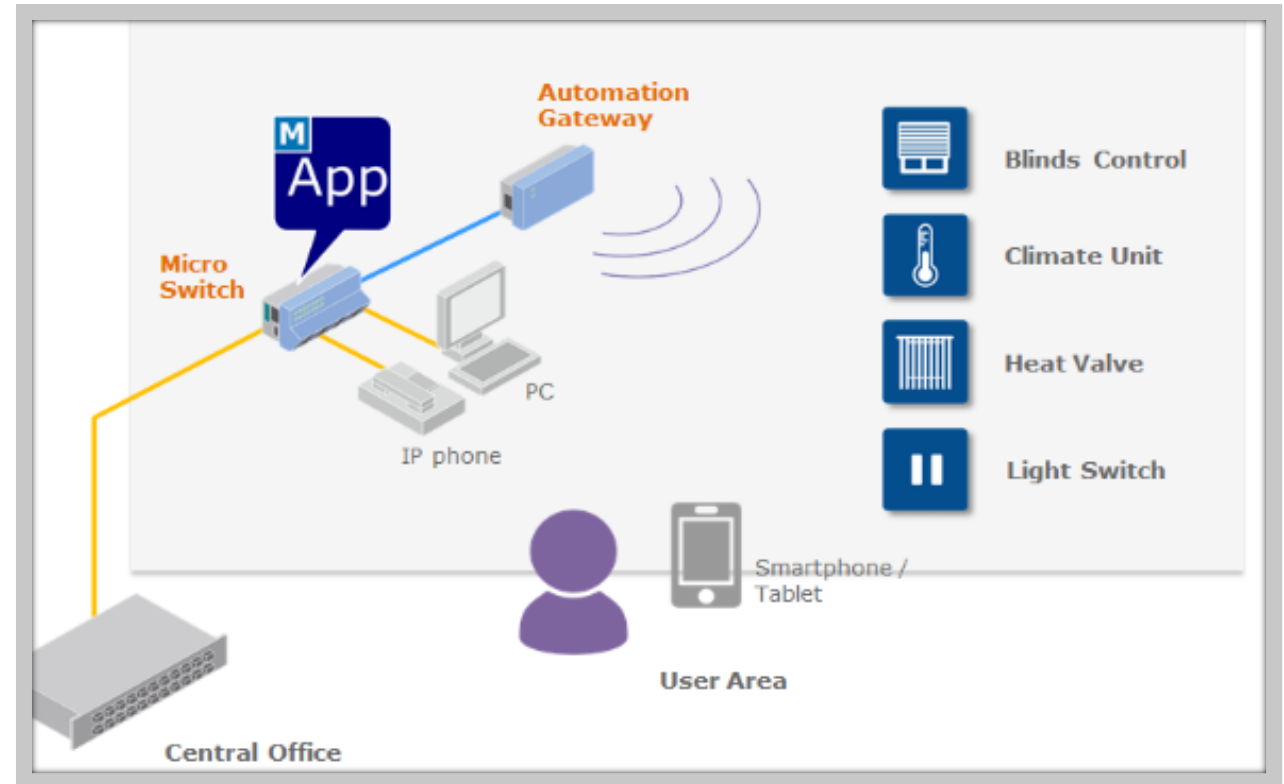
DIGITAL SMART LIGHTING CONTROLLER

NOVO
LIGHTING

CENTRAL LIGHTING CONTROLLER (CLC24)

Output
- ✓ **24 LED driver channels**
- ✓ **max. 1A@50V output current per channel**
- ✓ **Fully dimmable 0-100% per channel**
- ✓ **Integrated power monitoring per channel**
- ✓ **RJ-45 jack per channel for direct connection to structured cabling system**

Input
- ✓ **54 VDC, max. 1100 W**
- ✓ **Max. 1000 W total output power for LEDs per chassis**

Control
- ✓ **Ethernet uplink for network control**
- ✓ **Integration into Smart Building System**
- ✓ **Integrated Room Controller Software (Smart Director)**

DIGITAL SMART LIGHTING CONTROLLER

CENTRAL LIGHTING CONTROLLING - SYSTEM ARCHITECTURE

Control Room

Copper Uplink

Central Lighting Controller CLC24

Smart Director App

Room(s)

IP500 Sensors/Actors

LED Panel 36 W
1 channel per fixture

Tuneable White
LED Panel 36 W
2 channels per fixture

LED Downlight 26 W
1 channel per fixture

max. 24 driver channels
1000W total power

max. 100 m
Twisted Pair Cable (4 pairs)
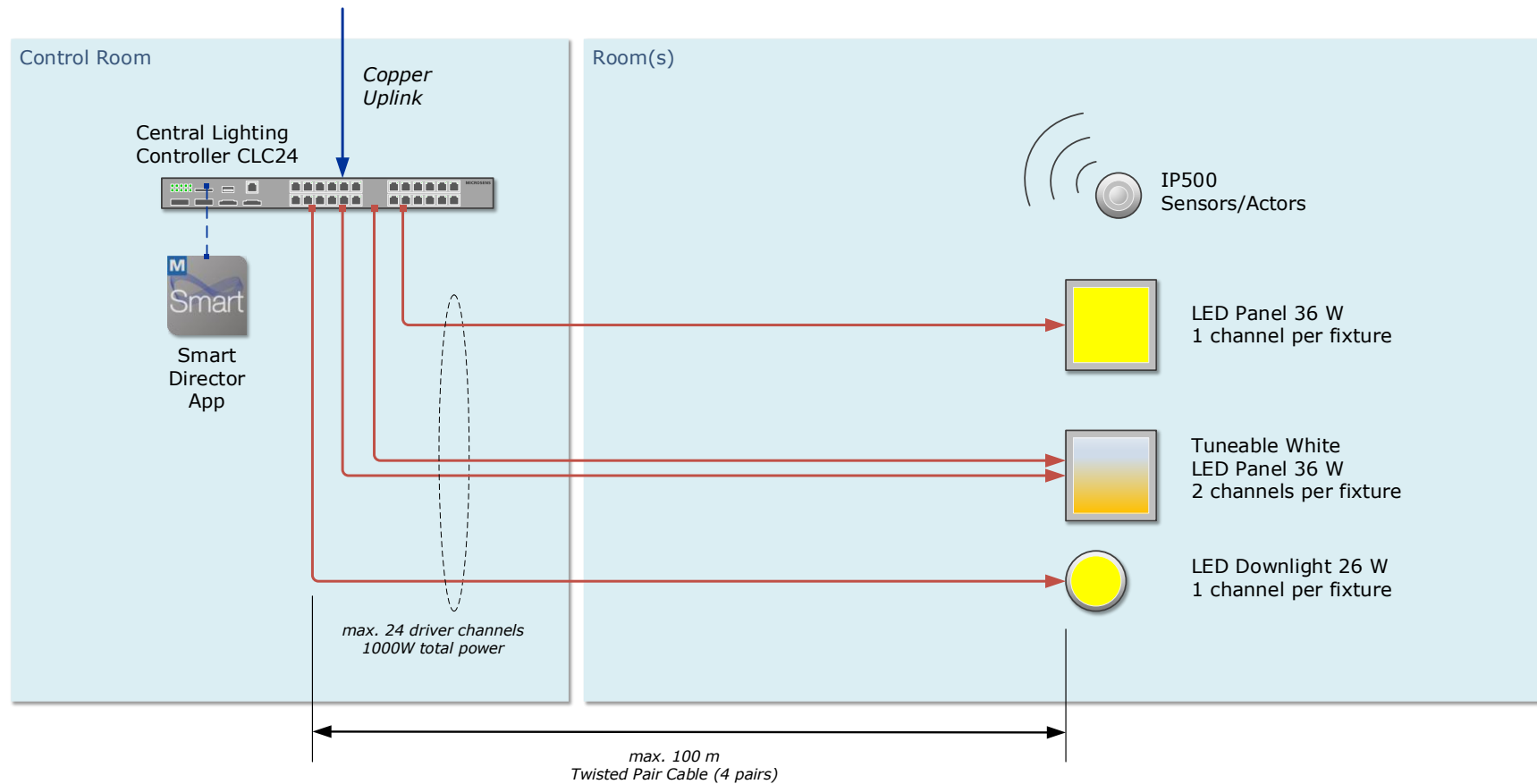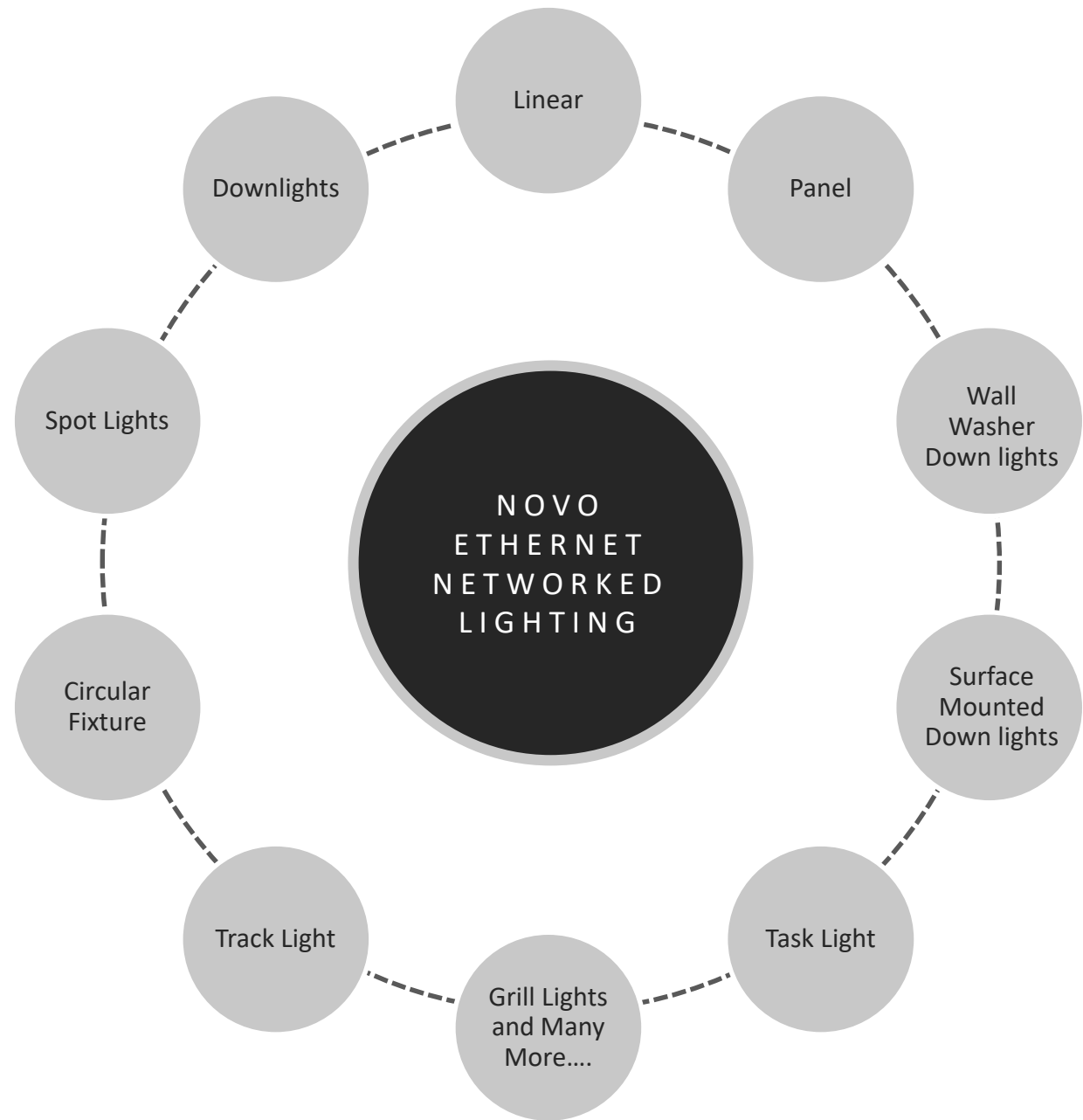
Mini Round.F

Spot Light

NOVO
LIGHTING

- ✓ **Recessed Downlight**
- ✓ **7W, 476lm, Dia-80mm, H- 36mm, Cut hole 70mm**
- ✓ **10W, 876lm, Dia- 90mm, H-46mm, Cut hole 83mm**
- ✓ **15w, 1414lm, Dia- 90mm, H-67mm , Cut hole 83mm**
- ✓ **Optical source CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **direct light distribution through Lens,**
- ✓ **housing in die-cast aluminum, powder coated white finish,**
- ✓ **HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
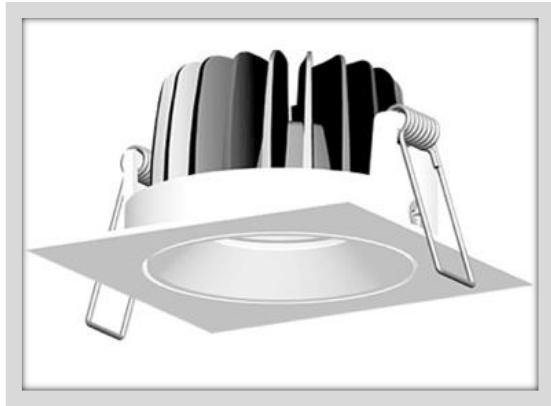
- ✓ **Recessed Downlight**
- ✓ **10W, 876lm, Size- 90*90*48mm, Cut hole 83mm**
- ✓ **15w, 1414lm, Size- 90*90*67mm , Cut hole 83mm**
- ✓ **Optical source CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **direct light distribution through Lens,**
- ✓ **housing in die-cast aluminum, powder coated white finish,**
- ✓ **HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
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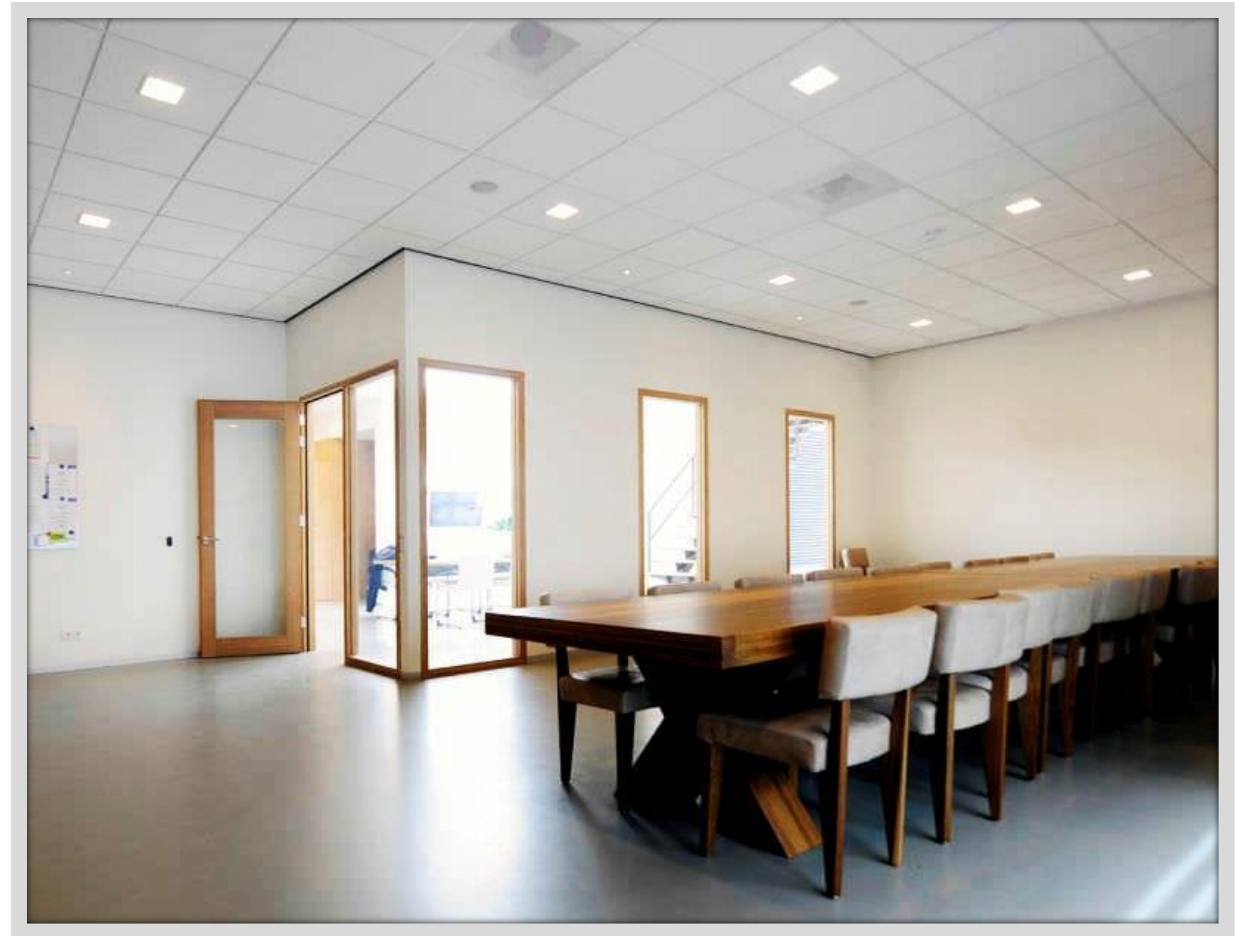
- ✓ **Recessed Downlight**
- ✓ **5w, 396lm, Dia-80mm, H-42mm, Cut Hole – 70mm**
- ✓ **10w, 781lm, Dia-95mm, H-50mm, Cut Hole – 83mm**
- ✓ **Optical source - CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **High temperature resistant PC Cover.**
- ✓ **360⁰ Horizontal rotation and 50⁰ Vertical rotation**
- ✓ **Die casting aluminum housing.**
- ✓ **8mmUltrathinLens.**
- ✓ **Exclusive Design, Flicker free.**
- ✓ **Adjustable in horizontal and vertical direction**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Product features
- High temperature resistant PC Cover.
- Die casting aluminum housing.
- 8mm Ultrathin Lens.
- Exclusive Design, Flicker free.
- Adjustable in horizontal and vertical direction

360° Horizontal rotation

50° Vertical rotation

Push-button switch 3-stage CCT adjustable, simple, fast and convenient.

CW:5000K
NW:3500K
WW:2700K

Inner edge covered with waterproof gasket design structure, better waterproof effect.

Lucent.F

NOVO LIGHTING

- ✓ **Recessed Adjustable wall washer**
- ✓ **15w, 1055lm, Size: Ø110 × 115mm, Cut hole 102mm,**
- ✓ **Anti Glare design with deep light source position**
- ✓ **Exclusive design, no flicker**
- ✓ **Adjustable in horizontal and vertical direction**
- ✓ **Optical source CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **direct light distribution through Reflector,**
- ✓ **housing in die-cast aluminum, powder coated white finish,**
- ✓ **integral HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Lucent

Wall Washer Downlight

NOVO LIGHTING

- ✓ **Recessed Adjustable wall washer**
- ✓ **15w, 1235lm, Size: Ø110 × 92mm, Cut hole 102mm,**
- ✓ **Anti Glare design with deep light source position**
- ✓ **Exclusive design, no flicker**
- ✓ **Adjustable in horizontal and vertical direction**
- ✓ **Optical source CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **direct light distribution through Reflector,**
- ✓ **housing in die-cast aluminum, powder coated white finish**
- ✓ **integral HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Surface Mounted Downlighter**
- ✓ **10w, 1050lm, Ø100 × 110 mm**
- ✓ **15w, 1350lm, Ø100 × 130 mm,**
- ✓ **Diffuser - Lens**
- ✓ **CREE light source, higher luminous efficiency**
- ✓ **Can be vertical 20 degrees, the level of 355 degrees rotation;**
- ✓ **New installation, easy installation and more convenient ;**
- ✓ **Die-casting aluminum lamp body, better heat dissipation;**
- ✓ **Multiple different beam angles and color temperature options**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Exten Square.F

Surface Mounted Downlight

- ✓ **Surface Mounted Downlighter**
- ✓ **10w, 1050lm, Ø100 × 100 × 130 mm**
- ✓ **15w, 1350lm, Ø100 × 100 × 132 mm**
- ✓ **Diffuser – Lens**
- ✓ **Optical source CREE COB (bridgelux / CITIZEN Optional)**
- ✓ **Housing die-cast aluminium**
- ✓ **Finishing powder coated in white**
- ✓ **Exclusive design, brand led and driver to ensure long**
- ✓ **life time and high performance**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
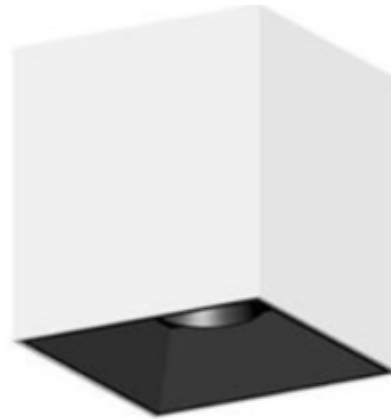
- ✓ **Surface Mounted Luminaire**
- ✓ **Size-4inch, Wattage – 10w 720lm**
- ✓ **Size-6inch, Wattage – 12w 912lm**
- ✓ **114° beam angle**
- ✓ **120V input with TRIAC dimming**
- ✓ **Damp rated**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed Mounted Luminaire**
- ✓ **5w/7w, 790lm, Size- Ø90 × 44 mm, Cut Hole-75mm**
- ✓ **15w, 1200lm, Size- Ø115 × 60 mm, Cut Hole-115mm**
- ✓ **15w, 1200lm, Size- Ø160 × 60 mm, Cut Hole-150mm**
- ✓ **25w, 2000lm, Size- Ø160 × 60 mm, Cut Hole-150mm**
- ✓ **33/44w, Size- Ø220 × 66 mm, Cut Hole-200mm**
- ✓ **Aluminum Alloy housing by die-casting for good dissipation, Acrylic Diffuser**
- ✓ **Super bright EVERLIGHT COB as lighting sources**
- ✓ **high efficiency energy Saving Eco friendly**
- ✓ **Shock proof and concussion-proof;**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Split.O

NOVO LIGHTING

✓ **Recessed Mounted Luminaire**

✓ **Available for 4'', 6'', 8'' models**

✓ **Size-4inch, Wattage – 9w 720lm**

✓ **Size-6inch, Wattage – 15w 1275lm**

✓ **Size-8inch, Wattage – 20w 1760lm**

✓ **Lower stock risk by split design**

✓ **Economical commercial solutions**

✓ **One engine allows for seamless integration of multiple trim options with easy and tool-free installation.**

✓ **Mounting Accessories**

✓ **ON/OFF or dimmable digital DALI**

✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**

✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Ziro

Without Step Circular Light

NOVO LIGHTING

- ✓ **Surface / Pendant Mounted luminarie**
- ✓ **30w, 2650lm, Ø-400, H-100mm**
- ✓ **39w, 3400lm, Ø-500, H-100mm**
- ✓ **56w, 4800lm, Ø-600, H-100mm**
- ✓ **110w, 9600lm, Ø-900, H-120mm**
- ✓ **direct light distribution through opal diffuser,**
- ✓ **body in die formed sheet metal powder coated**
- ✓ **Mounting Accessories**
- ✓ **HF electronic control gear IP40**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Ziro

NOVO
LIGHTING

- ✓ **Surface / Pendant Mounted luminarie**
- ✓ **30w, 2650lm, Ø-400, H-100mm**
- ✓ **39w, 3400lm, Ø-500, H-100mm**
- ✓ **56w, 4800lm, Ø-600, H-100mm**
- ✓ **110w, 9600lm, Ø-900, H-120mm**
- ✓ **direct light distribution through opal diffuser,**
- ✓ **body in die formed sheet metal powder coated**
- ✓ **Mounting Accessories**
- ✓ **HF electronic control gear IP40**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Ziro

Recessed Circular Light

- ✓ **Recessed Mounted luminarie**
- ✓ **30w, 2650lm, Ø-400, H-100mm**
- ✓ **39w, 3400lm, Ø-500, H-100mm**
- ✓ **56w, 4800lm, Ø-600, H-100mm**
- ✓ **Available With trim and without trim**
- ✓ **direct light distribution through thermoformed acrylic diffuser**
- ✓ **body in die formed sheet metal**
- ✓ **powder coated**
- ✓ **Mounting Accessories**
- ✓ **HF electronic control gear IP40**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
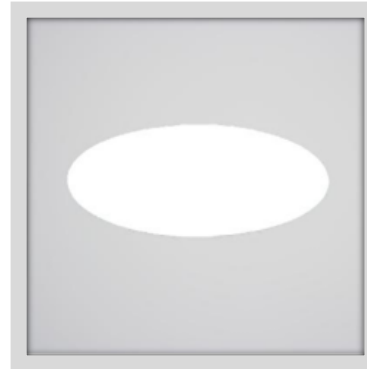
NOVO LIGHTING

NOVO
LIGHTING

- ✓ **Surface/Pendnet Luminaire**
- ✓ **SHEEN LED 15W, 1350lm,**
- ✓ **direct light distribution through polycarbonate diffuser,**
- ✓ **body in aluminum die-casting electrostatic powder coated finish,**
- ✓ **IP20, Ø=120mm ; H=40mm**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
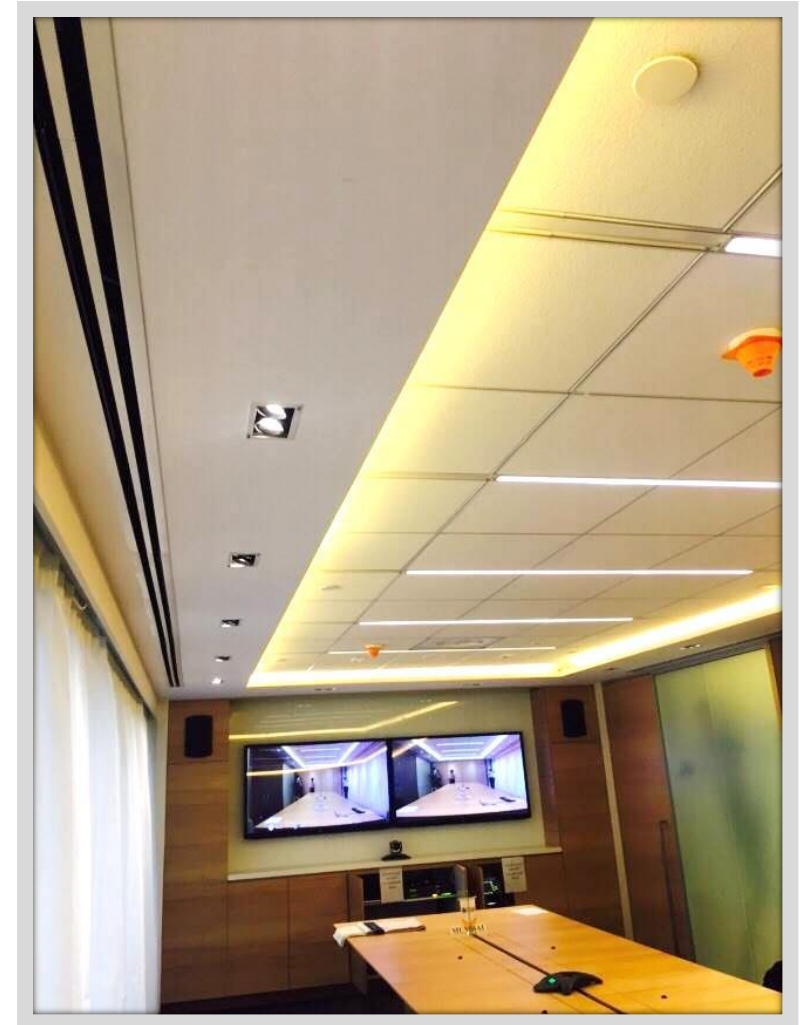- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Surface/Pendnet / Recessed Luminaire**
- ✓ **SHEEN LED 30W, 2850lm,**
- ✓ **direct light distribution through polycarbonate diffuser,**
- ✓ **body in aluminum die-casting electrostatic powder coated finish,**
- ✓ **IP20, Ø=200mm ; H=40mm ; Total H=82mm**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Donut
Decorative Circular Light

NOVO LIGHTING

- ✓ Pendnet Luminaire
- ✓ Dia – 300/400/500/700/900/1200/1500mm
- ✓ Height- 50/60/70/90/100mm
- ✓ Ring shaped light fixture
- ✓ Body in aluminum extrusion with stretch bending over CNC, powder coated white,
- ✓ IP40
- ✓ Mounting Accessories
- ✓ ON/OFF or dimmable digital DALI
- ✓ CCT Available in 3000k/4000k/6000k OR Dual CCT
- ✓ Option of driverless fixture with RJ45 connector for Ethernet Networks

- ✓ **Recessed directional spot light luminaire**
- ✓ **Single Head**
- ✓ **10w, 760lm, Size - Ø108 × 108 × 87.5 mm, Cut Hole - Ø 97 × 97 mm**
- ✓ **15w, 1050lm, Size - Ø108 × 108 × 87.5 mm, Cut Hole - Ø 97 × 97 mm**
- ✓ **The outer shell is made from cold roll steel, the middle part is by die-casting aluminum**
- ✓ **Light distribution through high transmittance PMMA lens,**
- ✓ **Black powder coated housing in aluminum with white powder coated trim,**
- ✓ **HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed directional spot light luminaire**
- ✓ **Double Head**
- ✓ **2*10w, 1520lm, Size – Ø200 × 108 × 87.5 mm, Cut Hole - Ø 183 × 97 mm**
- ✓ **2*15w, 3150lm, Size – Ø200× 108 × 87.5 mm, Cut Hole - Ø 183 × 97 mm**
- ✓ **The outer shell is made from cold roll steel, the middle part is by die-casting aluminum**
- ✓ **Light distribution through high transmittance PMMA lens,**
- ✓ **Black powder coated housing in aluminum with white powder coated trim,**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed directional spot light luminaire**
- ✓ **Triple Head**
- ✓ **3*10w, 2360lm, Size – Ø288 × 108 × 87.5 mm, Cut Hole - Ø 273 × 97 mm**
- ✓ **3*15w, 2100lm, Size – Ø288× 108 × 87.5 mm, Cut Hole - Ø 273 × 97 mm**
- ✓ **The outer shell is made from cold roll steel, the middle part is by die-casting aluminum**
- ✓ **Light distribution through high transmittance PMMA lens,**
- ✓ **Black powder coated housing in aluminum with white powder coated trim,**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
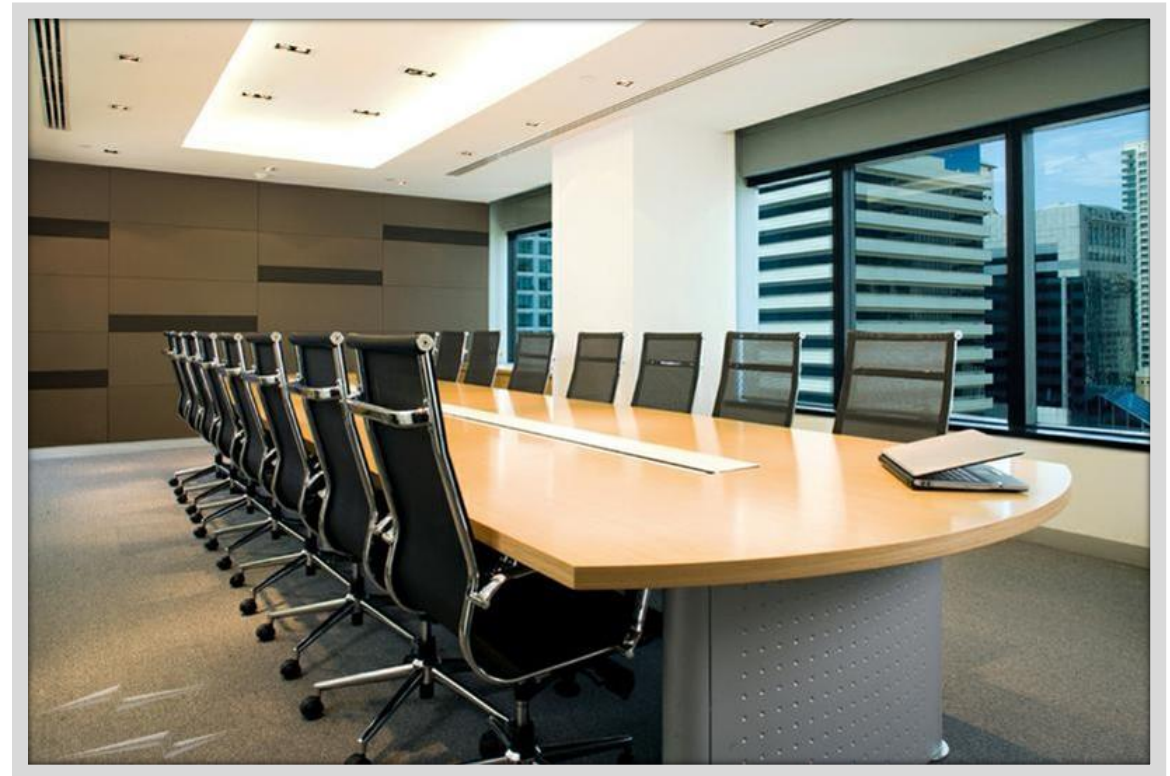
Beacon 60

NOVO
LIGHTING

- ✓ **Spot light on Surface luminaire**
- ✓ **BEACON 60 , Wattage- 15/18w, 1600lm**
- ✓ **Die casting aluminum material housing for perfect heat dissipation, safe and durable**
- ✓ **High reflectance diffuser (Reflector cup) with different beam angle for choice, 25°,40°,**
- ✓ **Flexible light body structure can be rotatable and adjustable in horizontal and vertical direction**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Spot light on Surface luminaire**
- ✓ **BEACON 90 , Wattage- 25/33w, 2600lm**
- ✓ **Die casting aluminum material housing for perfect heat dissipation, safe and durable**
- ✓ **High reflectance diffuser (Reflector cup) with different beam angle for choice, 15°,24°,45°**
- ✓ **Flexible light body structure can be rotatable and adjustable in horizontal and vertical direction**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Beacon 120
Track Light

- ✓ **Spot light on Surface luminaire BEACON 120 ,**
- ✓ **Wattage- 15w, 1350lm, Wattage- 25w, 2250lm**
- ✓ **Die casting aluminum material housing for perfect heat dissipation,**
- ✓ **safe and durable**
- ✓ **High reflectance diffuser (Lens + Reflector cup) with different beam angle for choice**
- ✓ **Flexible light body structure can be rotatable and adjustable in horizontal and vertical direction**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
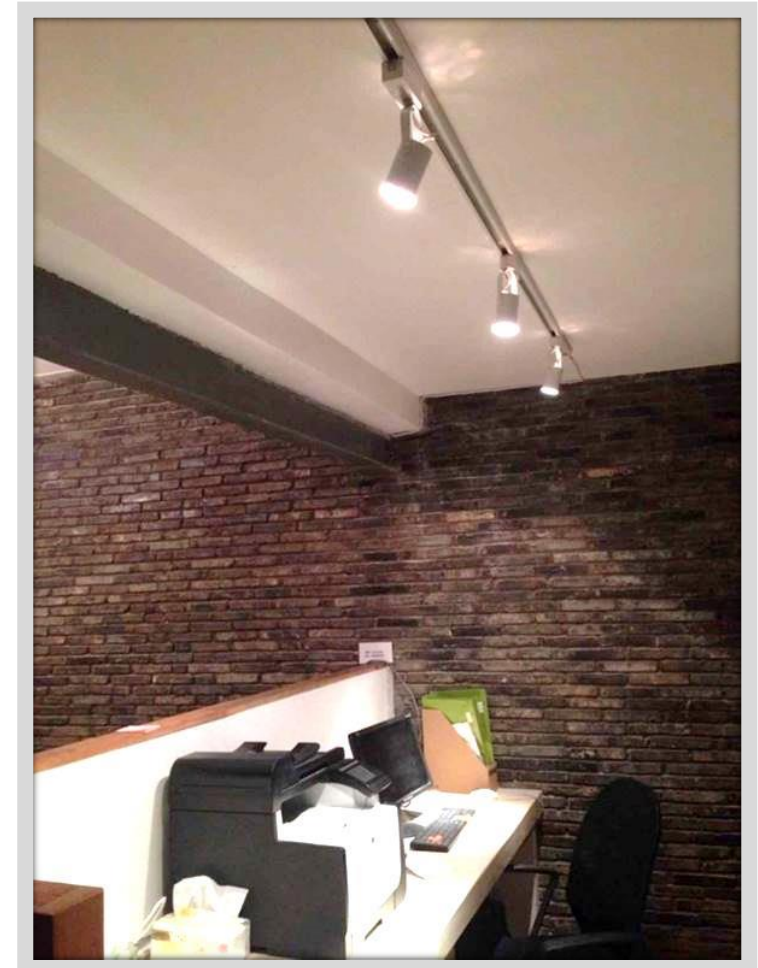
NOVO LIGHTING

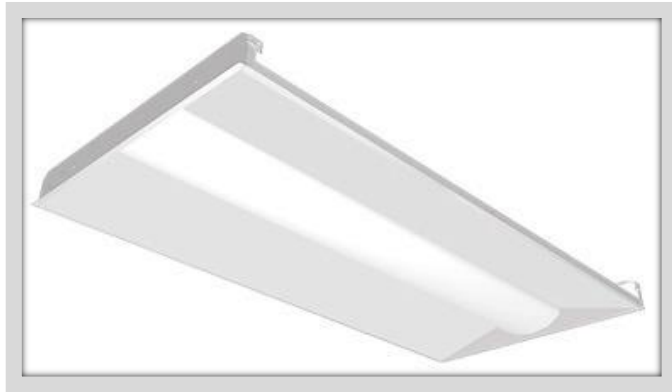- ✓ **Recessed Luminaire, Edge Lit Panel**
- ✓ **36W, 3200lm,**
- ✓ **direct light diffusion through high transmission & hot spot free polycarbonate sheet**
- ✓ **IP20, 595*595*13mm**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed Luminaire, Edge Lit Panel**
- ✓ **36W, 3800lm,**
- ✓ **direct light diffusion through high transmission & hot spot free polycarbonate sheet**
- ✓ **IP20, 1195*295*13mm**
- ✓ **Driver fixed on the top of fixture**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
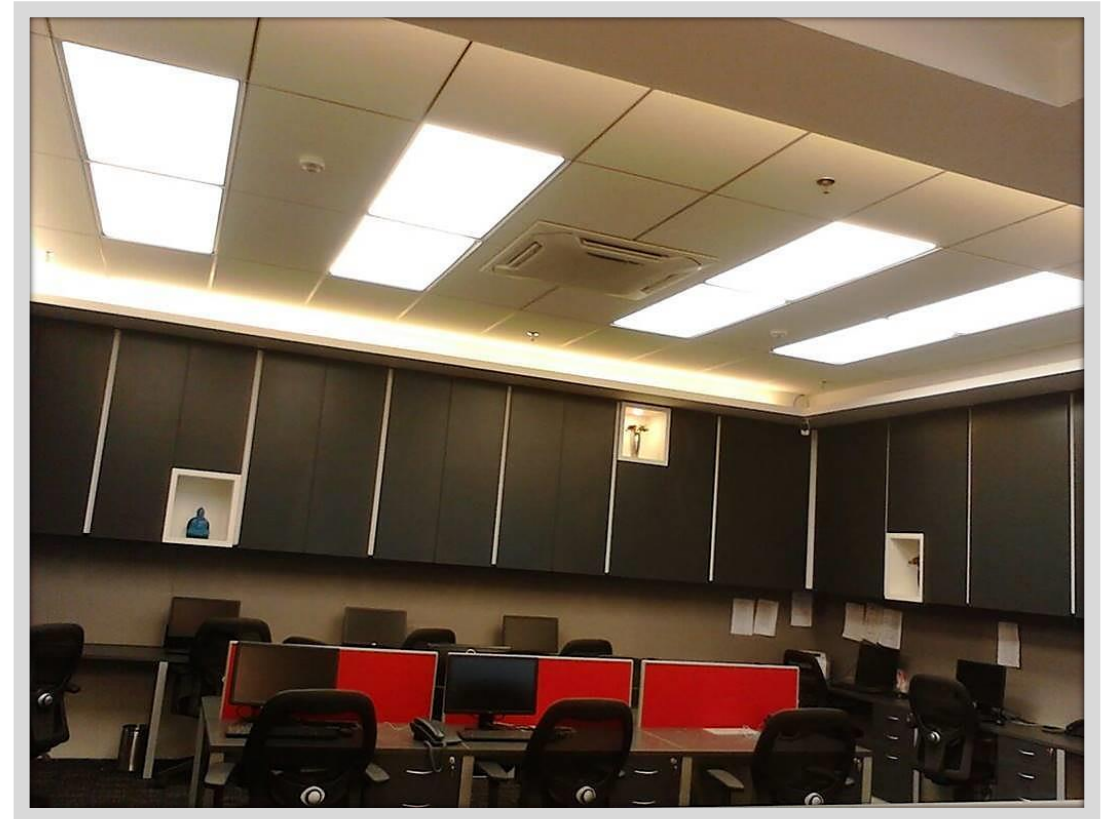
NOVO LIGHTING

- ✓ **Recessed Luminaire**
- ✓ **45w, 4500lm, Size-2*2ft**
- ✓ **60w, 6000lm, Size-2*4ft**
- ✓ **No view of the light source**
- ✓ **Transparent optics, controlled up light and down light distributions Recessed Luminaire,**
- ✓ **Fits Standard T-Grid Ceilings**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

NOVO LIGHTING

- ✓ **Recessed luminaire,**
- ✓ **35w, 4375lm, Size-2*2ft**
- ✓ **48w, 6000lm, Size-2*4ft**
- ✓ **fits standard T-grid ceilings**
- ✓ **High efficacy, up to 125 lm/w (DLC4.2 Premium)**
- ✓ **Easy revamping and maintenance**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
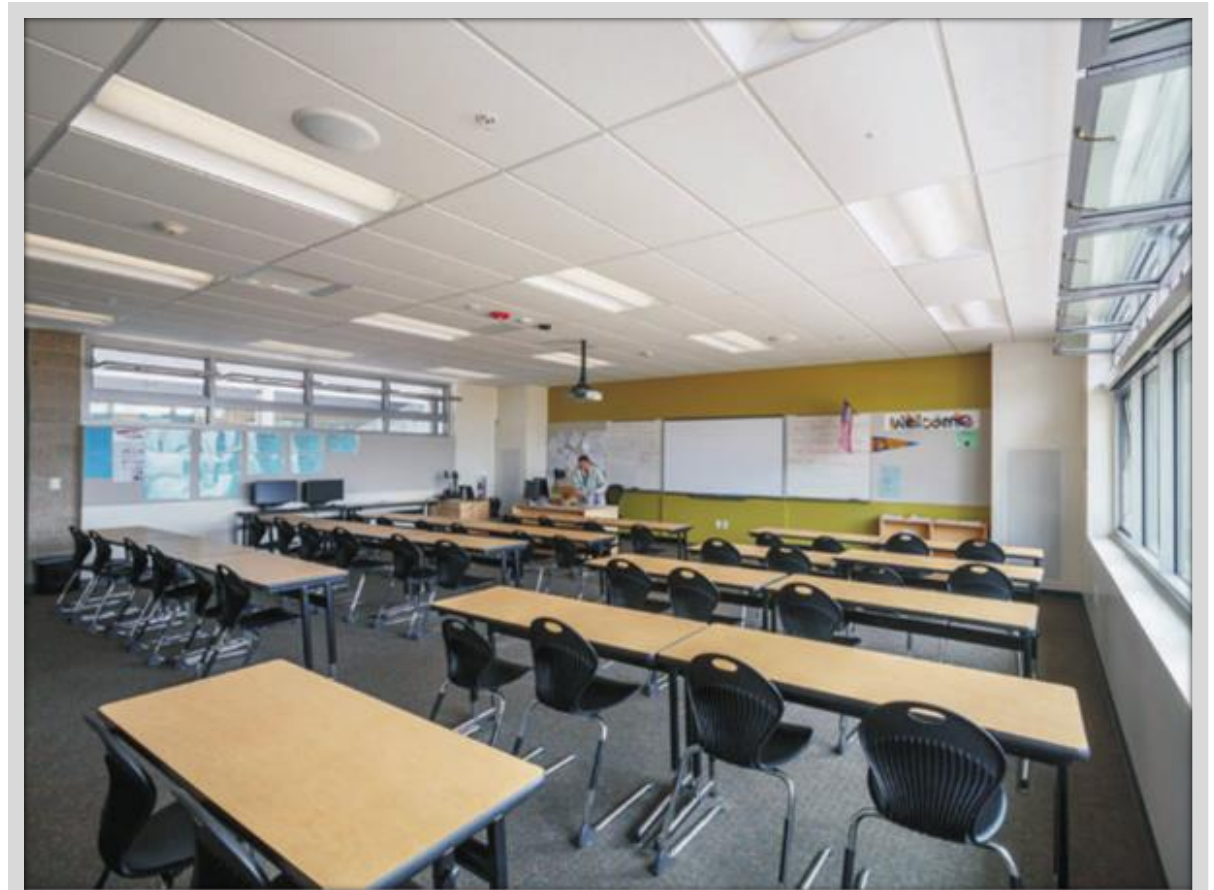
Central Basket Retrofit
Panel
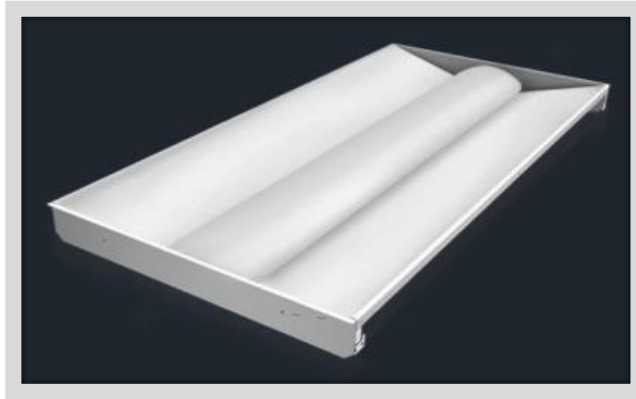
- ✓ **Recessed Panel**
- ✓ **25w, 3125lm, Size - 2*2ft**
- ✓ **34w, 4250lm, Size – 2*4ft**
- ✓ **Reduce job site waste**
- ✓ **Covert to LEDs by reusing existing fixture housing**
- ✓ **Quick and easy installation**
- ✓ **Damp rated**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

2X2 FT   2X4 FT

- ✓ **Recessed Panel**
- ✓ **27w, 2700lm, Size - 1*4ft**
- ✓ **40w, 4400lm, Size – 2*2ft**
- ✓ **62w, 6820lm, Size – 2*4ft**
- ✓ **0-10V dimming Motion sensor option**
- ✓ **Damp rated**
- ✓ **100-277V or 120-347V AC input options**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed Panel**
- ✓ **18w, 1700lm, Size – 1*1ft**
- ✓ **25w, 2500lm, Size – 1*2ft**
- ✓ **27w, 2970lm, Size – 1*4ft**
- ✓ **40w, 4400lm, Size- 2*2ft**
- ✓ **50w, 6200lm, Size- 2*4ft**
- ✓ **Thinnest surface mounted panels**
- ✓ **Step dimming and 0-10v dimming function combination**
- ✓ **High efficacy, up To 125lm/w**
- ✓ **Damp rated**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Recessed Small Panel**
- ✓ **10w, 700lm, Size – 130*130*13mm**
- ✓ **12w, 900lm, Size – 185*185*13mm**
- ✓ **16w, 1250lm, Size – 230*230*13mm**
- ✓ **Available in surface mounted and recessed installations**
- ✓ **UL Listed**
- ✓ **120V input with TRIAC dimming or 100-277V input**
- ✓ **Damp rated**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
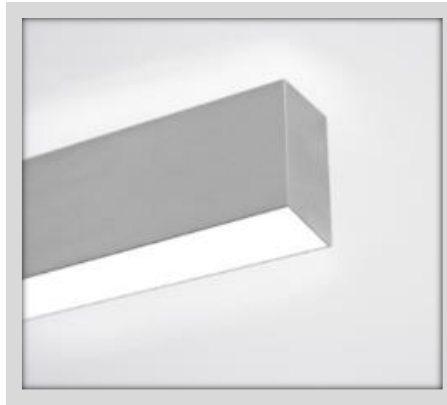- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
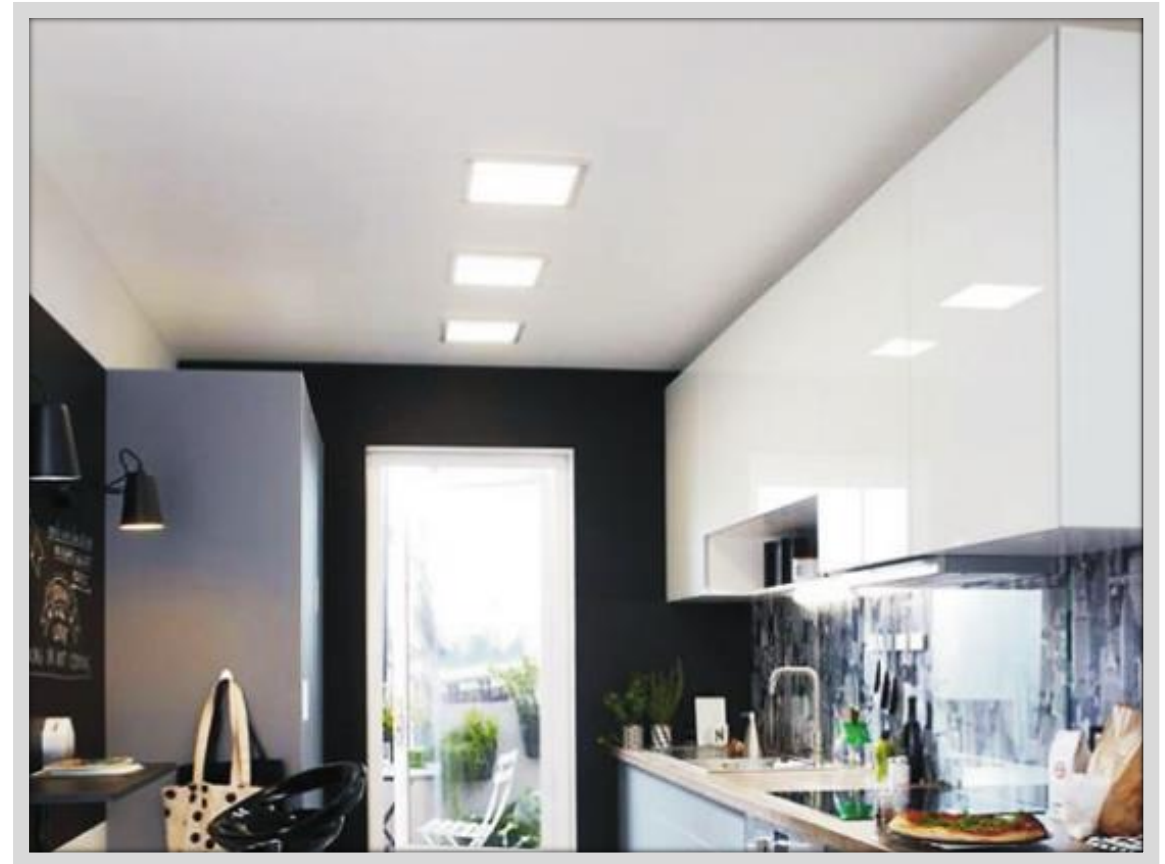
NOVO
LIGHTING

- ✓ **Pendent/Surface Mounted Luminaire,**
- ✓ **22w, 1800lm**
- ✓ **Direct light diffusion through acrylic satin profiled diffuser**
- ✓ **Profile in extruded aluminum powder coated**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **L-1180mm, W-53mm, H-70mm**
- ✓ **Mounting Accessories**
- ✓ **Available in System Luminaire Configuration**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
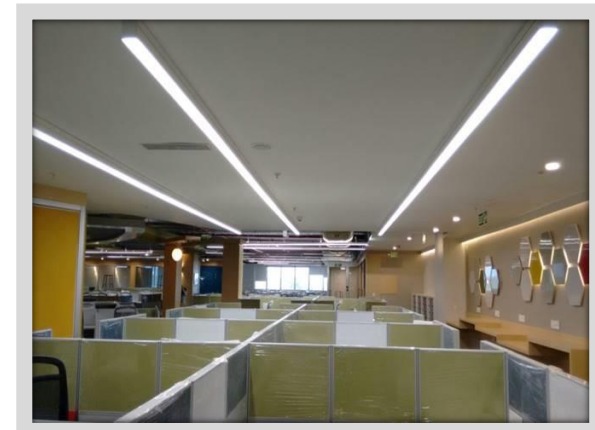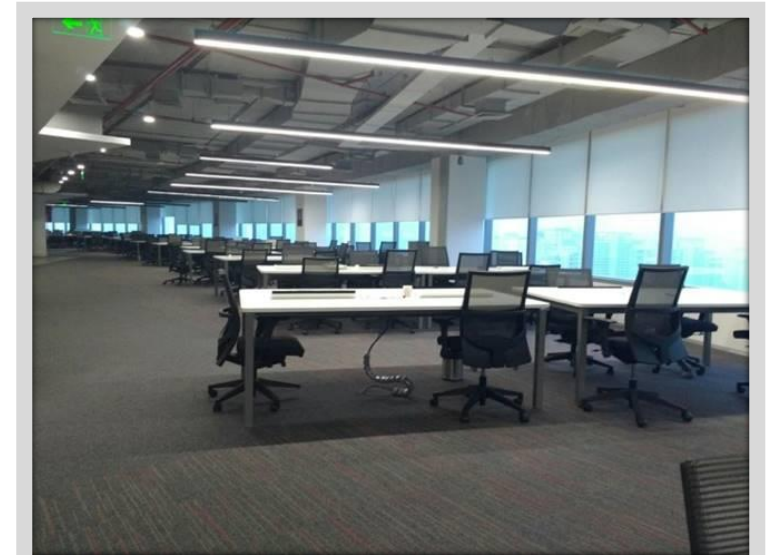
- ✓ **Up-Down Pendent Luminaire,**
- ✓ **14w-UP, 22w-Down, 3672lm**
- ✓ **Direct light diffusion through acrylic satin profiled diffuser**
- ✓ **Profile in extruded aluminum powder coated/ anodised**
- ✓ **transparent acrylic at top**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **L-1180mm, W-53mm, H-106mm**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
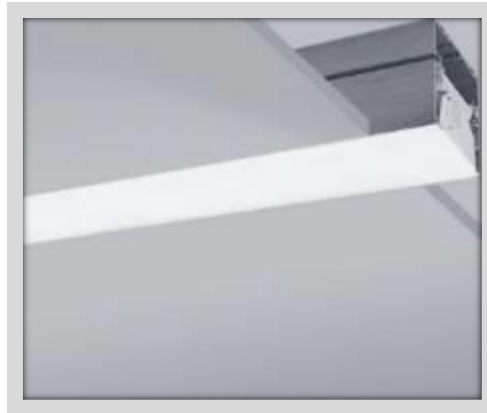- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Line 70

Linear Light

- ✓ **Pendent/Surface Mounted Luminaire,**
- ✓ **22w, 1800lm**
- ✓ **Direct light diffusion through acrylic satin profiled diffuser**
- ✓ **Profile in extruded aluminum powder coated**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **L-1180mm, W-73mm, H-92mm**
- ✓ **Mounting Accessories**
- ✓ **Available in System Luminaire Configuration**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

NOVO LIGHTING

- ✓ **Recessed Luminaire with trim and without trim,**
- ✓ **22w, 2244lm**
- ✓ **Direct light diffusion through acrylic satin profiled diffuser**
- ✓ **Profile in extruded aluminum powder coated**
- ✓ **Integral HF electronic control gear, IP20**
- ✓ **L-1180mm, W-73mm, with trim-93mm, H-92mm**
- ✓ **Mounting Accessories**
- ✓ **Available in System Luminaire Configuration**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Chevron

Linear Light

- ✓ **Surface/Pendent Mounted Luminaire**
- ✓ **Chevron without driver 20w, 1900lm,**
- ✓ **Direct light distribution through curved profiled diffuser,**
- ✓ **Profile in extruded aluminum, powder coated white/black finish, IP20, L=1180mm ; W=45mm. I**
- ✓ **Include continuous mounting and angle joints,**
- ✓ **Also add RJ45 connection for Ethernet Connectivity option possible**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
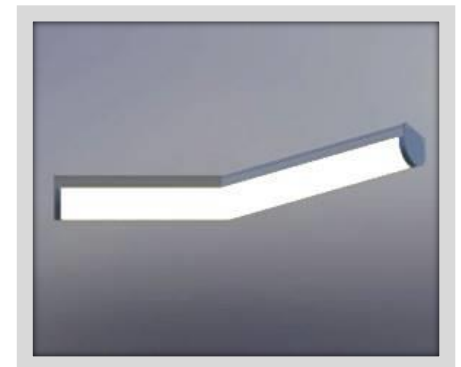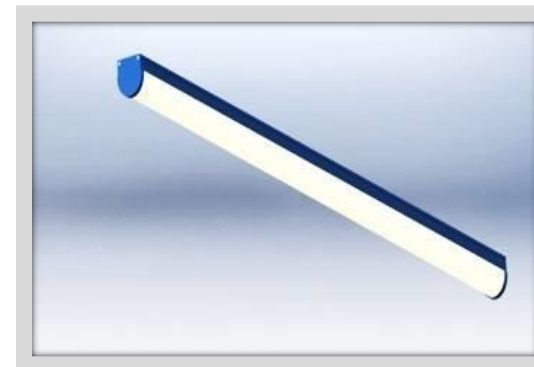
NOVO LIGHTING

Vertical LED

- ✓ **Pendent Mounted Luminaire**
- ✓ **50w, 5500lm, Size-1200mm, 140mm, 40mm**
- ✓ **No direct or indirect view of the light source when on**
- ✓ **Transparent optics, optimal horizontal and down light distributions**
- ✓ **Seamless continuous runs that are easy to install**
- ✓ **Mounting Accessories**
- ✓ **Available in 3000/4000k/6000k**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Low Glare
Linear Light


- **Pendent Mounted Luminaire**
- **Size-605*59.4*88mm, Wattage –18w, 1500lm**
- **Size-1205*59.4*88mm, Wattage –36w, 3060lm**
- **Simple elegant appearance**
- **Without any tools and screwless structure design**
- **Ugr<5 -L optical system control the lighting distribution in low glare**
- **A concept of "no beam of light"**
- **Mounting Accessories**
- **ON/OFF or dimmable digital DALI**
- **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- **Option of driverless fixture with RJ45 connector for Ethernet Networks**

T-Grid
Linear Light
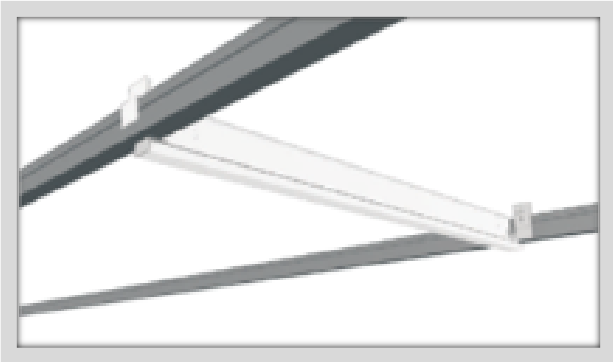
- ✓ **Size- 2ft, Wattage –10w, 1300lm**
- ✓ **Size- 4ft, Wattage –20w, 2600lm**
- ✓ **Driver 1 for 3 (2ft and 4ft Both)**
- ✓ **Minimalist look and maximized utility**
- ✓ **High efficacy, up to 130lm/w**
- ✓ **Easy installation to standard 15/16" T-bars**
- ✓ **New generation lighting solutions for suspended ceiling applications**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
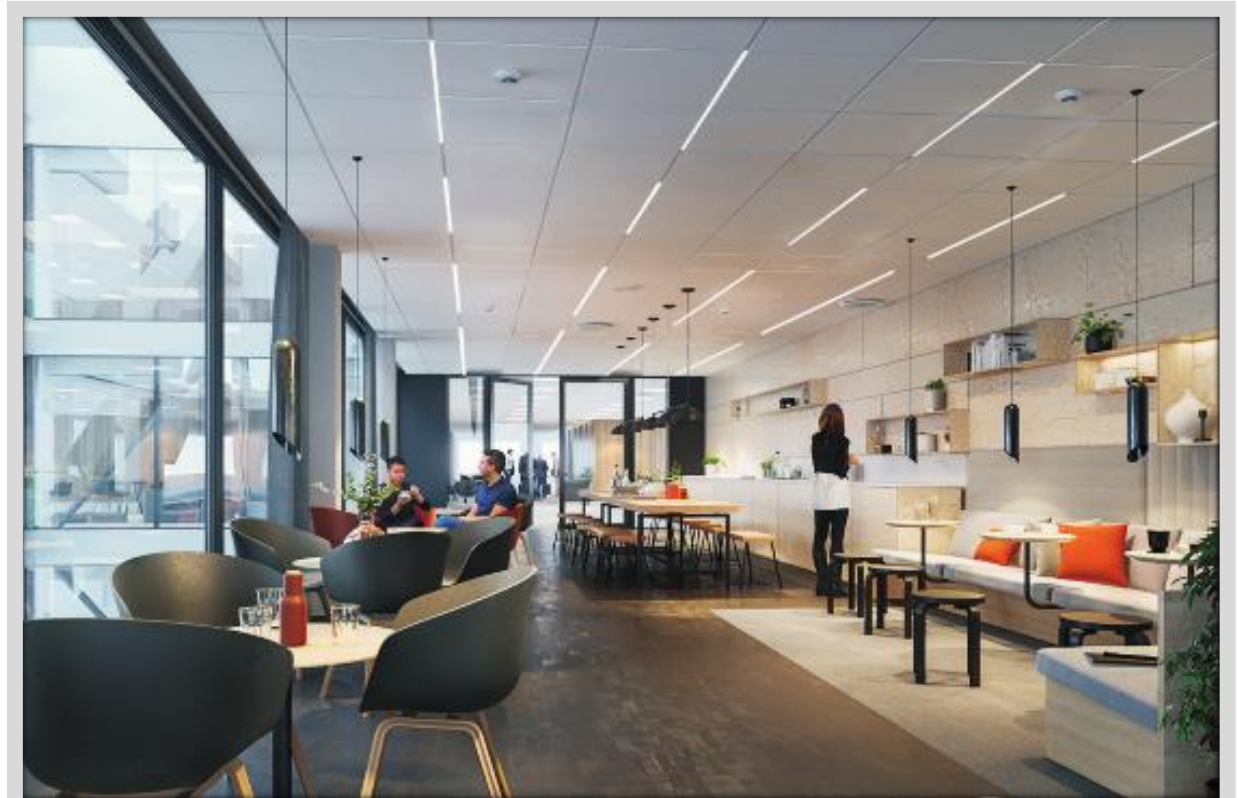
- ✓ **54w, 5670lm, 1200*300*26mm**
- ✓ **40w, 4200lm, 1200*200*24mm**
- ✓ **80w, 8400lm, 2400*200*24mm**
- ✓ **55% downlight and 45% uplight distribution**
- ✓ **Transparent optics, no direct or indirect view of the light source when on**
- ✓ **Easy Installation, seamless continuous runs**
- ✓ **Step dimming and 0-10v dimming function combination**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

- ✓ **Pendant, suspending and surface mounting**
- ✓ **90w, 11790lm, Size – 2*4ft Linear Module**
- ✓ **135w, 17685lm, Size – 2*6ft Linear Module**
- ✓ **180w, 23318lm, Size – 2*4ft Linear Module**
- ✓ **High efficacy, up to 130LM/W (DLC4.2 premium) 0-10V dimming,**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
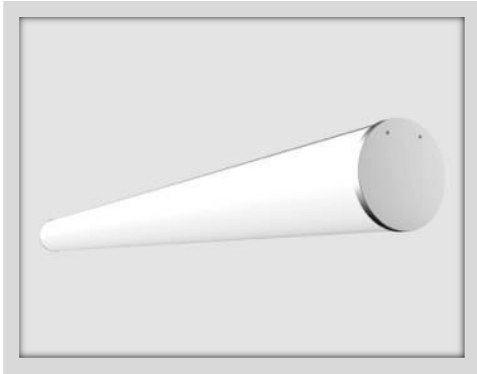
- ✓ **Pendent Luminaire , Available in 120mm and 60mm dia, L-1180mm**
- ✓ **22w, 1980lm**
- ✓ **Concise, trendy and unique appearance**
- ✓ **Aluminum profile with high quality surface treatment**
- ✓ **Specially designed light source with PC diffusers producing homogeneous and soft lighting**
- ✓ **Mounting Accessories**
- ✓ **Maximum length 8ft, after that length will be extended by using connectors.**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Delite

NOVO LIGHTING
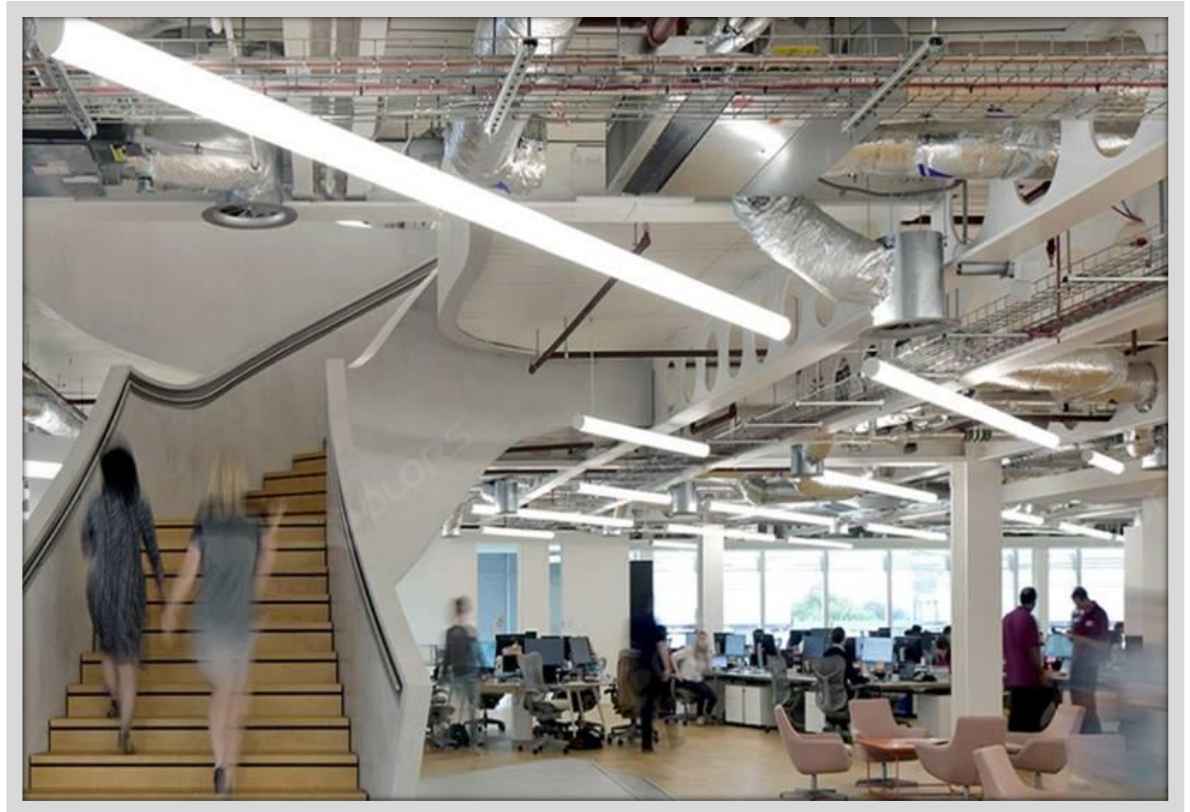
- ✓ **Pendant luminaire**
- ✓ **DELITE LED single head**
- ✓ **20W, 2240lm,**
- ✓ **Direct-indirect light distribution through high efficiency micro prismatic CPD diffuser at the bottom & transparent acrylic at the top,**
- ✓ **Profile in extruded aluminium power coated white finish,**
- ✓ **IP20, L=596mm ; W=150mm ; H=42mm ; PL=300-1500mm**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**

Delite Freestanding

NOVO
LIGHTING

- ✓ **Freestanding luminaire double head, 80W, 7200lm,**
- ✓ **L=1273mm , W=172mm , H=42mm, Total Height (with rod)=1298mm, Base Plate = 420mmx360mm**
- ✓ **Freestanding luminaire Single head, 40w, 3600lm**
- ✓ **L=714mm , W=172mm , H=42mm, Total Height (with rod)=1900mm, Base Plate = 420mmx360mm**
- ✓ **80% direct- 20% indirect light distribution through high efficiency micro prismatic CPD diffuser with special pattern design at the bottom & transparent acrylic at the top,**
- ✓ **Profile in extruded aluminium power coated, IP 20**
- ✓ **Mounting Accessories**
- ✓ **ON/OFF or dimmable digital DALI**
- ✓ **CCT Available in 3000k/4000k/6000k OR Dual CCT**
- ✓ **Option of driverless fixture with RJ45 connector for Ethernet Networks**
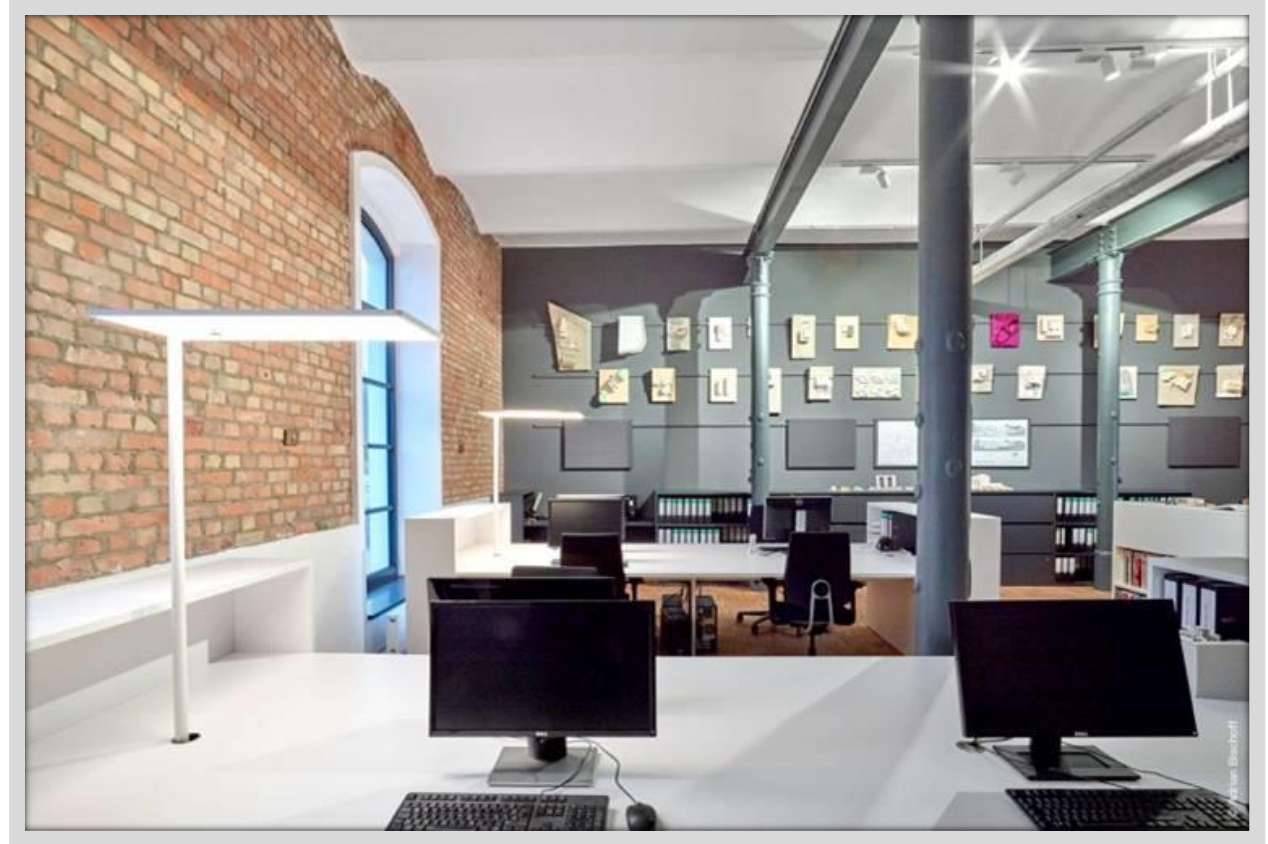
Delite Table Clamp

Task Light

NOVO LIGHTING

- ✓ Table clamped , Double head, 60W, 5400lm, CRI>80, PF>0.95,

- ✓ L=1273mm, W=172mm, H=42mm, Mounting Height from floor level=2100mm

- ✓ Table clamped, Single head, 30W, 2700lm, CRI>80, PF>0.95,

- ✓ 80% direct- 20% indirect light distribution through high efficiency micro prismatic CPD diffuser in combination with translucent film,

- ✓ Special perforated aluminium batten design to ensure proper thermal management, IP 20

- ✓ Profile in extruded aluminium power coated white finish,

- ✓ Mounting Accessories

- ✓ ON/OFF or dimmable digital DALI

- ✓ CCT Available in 3000k/4000k/6000k OR Dual CCT

- ✓ Option of driverless fixture with RJ45 connector for Ethernet Networks

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