

- ▶ Interior / Office luminaire
- ▶ Adjustable luminous flux
- ▶ Suitable for glare control
- ▶ Dimming and Emergency available

## Benefits

- Provides a choice of high system efficacy levels to meet different energy saving targets
- Excellent thermal management thanks to patent pending convection tunnels
- Unified Glare Rating is lower than fluorescent tube (UGR<19)
- Provides a choice of high system efficacy levels to meet different energy saving targets
- Applications are surface mounted, recessed, pendant or wall mounted
- DALI dimming and Emergency mode available

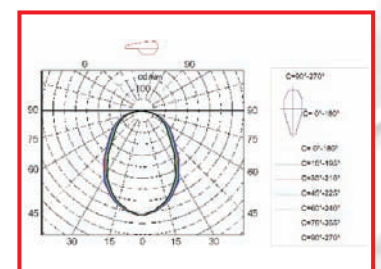
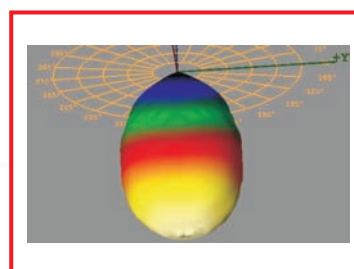
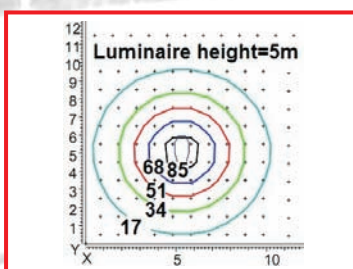


**EMILI is an Endless Modular Innovative LED Illuminaire.**

The module system is designed not only to provide opal diffused uniform light in an endless line on its vast 108mm wide but also to handle the different kind of wiring of the room e.g. fire alarms, security systems, central audio systems, video surveillance, computer net and etc. The wide high-grade extruded aluminum and diffuser is designed to fit smoke detectors, smoke indicators, cameras, PIR sensors, microwave sensors (could be built in invisible), audio speakers and etc. The family provides interior solutions in three efficiency levels - high efficiency, high output and standard. They can be built as surface mounted, pendant, wall mounted or recessed. The pendant and wall mounted version can be not only with direct but also indirect lightning. The modules lightning part can be produced in increment of 280mm plus 8mm a side for end caps and custom length for sensors attachments. Each module can reach up to 1976mm. Bigger sizes are available on request. EMILI is designed to be able to build an endless line with modules connected to each other and diffusers specially formed (overlapped) to hide the line between the modules. Standard CRI is 80 but can reach to 95 on request. With color temperature from 3000K to 6000K..

The module can build any figure with custom angles and sizes. Reference product code: EMILI 48ID12 W840 HEHP EM P D

Model	Power Direct light	Power Indirect light	Useful quantity of light	Input power	Dimmensions mm	Weight kg	Common characteristics	
EMILI 12	12 W	-	1500 Lm	14 W	300x108x65	1.5	UGR	<19
EMILI 24	24 W	-	3000 Lm	28 W	580x108x65	2.1	Power supply	230 V AC / PFC>90
EMILI 36	36 W	-	4500 Lm	41 W	860x108x65	2.8	Working temperature	- 25° to + 40°C
EMILI 48	48 W	-	6000 Lm	55 W	1140x108x65	3.5	Environment protection	IP20
EMILI 48ID6	48 W	6 W	6800 Lm	61 W	1140x108x65	3.5	LED LM80	50.000 h
EMILI 48ID12	48 W	12 W	7300 Lm	68 W	1140x108x65	3.5	Application	Indoor
EMILI 60	60 W	-	7300 Lm	68 W	1420x108x65	4.3	Dimmable (optional)	DALI / 1-10 V
EMILI 60ID12	60 W	12 W	9800 Lm	80 W	1420x108x65	4.3	Mounting method	surface/recessed/pendant/wall
EMILI 72	72 W	-	9800 Lm	80 W	1700x108x65	5.1	Color temperature	2700 - 6000 K
EMILI 72ID18	72 W	18 W	11500 Lm	103 W	1700x108x65	5.3	Emergency (optional)	3 hours / Self test
EMILI 72ID24	72 W	24 W	12300 Lm	110 W	1700x108x65	5.3	Body color	White / Black / Custom
EMILI 84	84 W	-	10500 Lm	96 W	1980x108x65	6.1	Efficiency levels	up to 122 Lm/W
EMILI 84ID24	84 W	24 W	13500 Lm	123 W	1980x108x65	6.1	Power levels	8W/280mm; 12W/280mm; 20W/280mm





- ▶ For high ceiling warehouses and industry
- ▶ Directed light with 2 options up to H=15 m
- ▶ Good replacement of High Bay Lights
- ▶ Short ROI (Return of Investment)

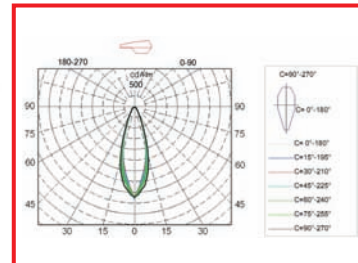
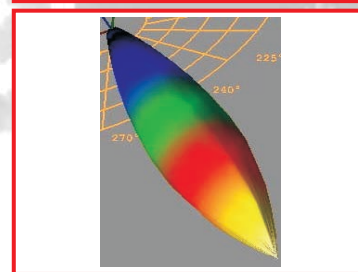
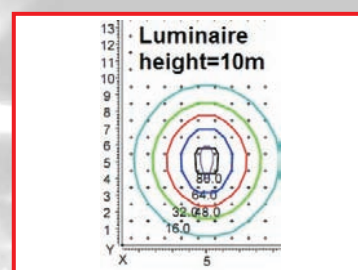
### Benefits

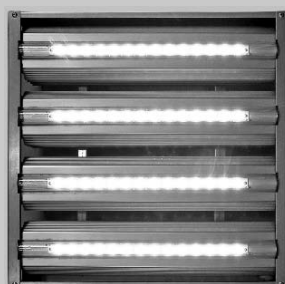
- Excellent total cost of ownership with attractive payback times
- No annoying noises, vibrations and low flickering
- Long-life LEDs reduce the maintenance and product replacement costs
- Two lens options - up to installation height of 9m (35°) and up to 15m (19°)
- Significant sustainability due to lower energy, reduced waste and no hazardous substances such as mercury and lead
- 100% efficacy - directed light which guarantees that all the luminosity goes where is needed

Our High Bay luminaires is designed to replace traditional tubular or "bell" type fluorescent/mercury lamps in warehouses, refrigerators and industry with high ceilings. The High Bay luminaire range includes three sizes with highly varied lumen packages. Giving a bright and narrow light beam, LED High Bay provides optimal lighting at the desired place. Installation height may vary between 3 m and 15 m. Thus, the efficient LED high-bay luminaire is suitable for any application areas ranging from small scale workshops to huge industrial halls. High Bay fixture comes in two versions- 35° and 19° lenses- for installation height up to 9m and up to 15m.

Overall, the usage of LEDs helps to reduce the internal heating of the room, which is very important especially for refrigerators. Containing no mercury, lead, or glass, High-light do not present risk of food contaminations that is possible with fluorescent lamp breakage.

MODEL	HB 40	HB 70	HB 140
Input power	40 W	70 W	140 W
Useful quantity of light	4 600 Lm	7 700 Lm	15 200 Lm
Lenses	19° or 35° Lens		
Led used / pcs	CREE		
Power supply / Pfc	110/230 V AC/ PFC>90		
Internal thermal protection	automatic		
Working temperature	-25° to +40°C		
Environment protection	IP 64 Aluminium body		
Dimensions mm	500x70x85	1000x70x85	1500x70x85
Weight kg	1.5 kg	3 kg	5 kg
LED Lm70	100.000 h		
Application	High industrial halls up to 15 m		





- ▶ Gas station/high ceiling luminaire
- ▶ Rotating modules to adjust light
- ▶ Low operating costs
- ▶ Short ROI (Return of Investment)

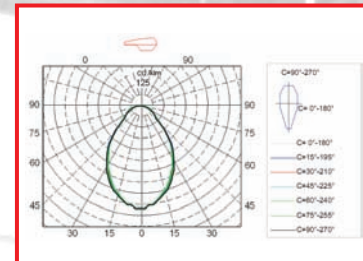
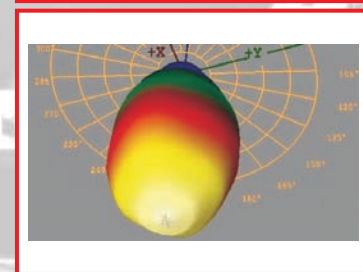
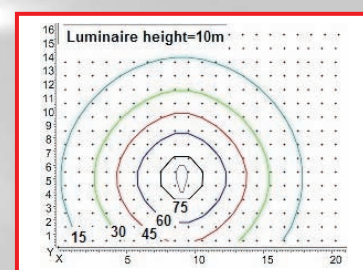
### Benefits

- Excellent total cost of ownership with attractive payback times
- High efficiency going up to real 130 Lm/W
- Long-life LEDs reduce the maintenance and product replacement costs
- Rotation of the modules providing custom illuminated area
- Significant sustainability due to lower energy, reduced waste and no hazardous substances such as mercury and lead
- 100% efficacy - directed light which guarantees that all the luminosity goes where is needed

With operating margins under pressure, companies are looking for ways to save energy. LED products like our LED 4x38L14 luminaires are a perfect solution. Designed for petrol-station canopies and high ceilings, these ultra-efficient retrofit fixtures offer outstanding light quality, effective thermal management, and a very long lifespan. Reduced maintenance, replacement and energy cost means a short payback period, making LED 4x38L14 a shining example of how businesses can save money by opting for green products. The inovative housing gives you not only good enviornment protection - IP54 but the oportunity to aim the light exactly where you want it, because all of the four modules can be freely rotated and that way you can iluminate any area.4x38L14 has also a build in power supply with power factor correction and termal protection that prologns the LEDs lifespan.

The lightening fixtures can be equipped with different diodes to suite the varying needs of the client (e.g. light beam angle and color temperature).

MODEL	3x38L14	4x38L14
Input power	70 W	140 W
Useful quantity of light	7 700 Lm	15 000 Lm
Installation height	3-15 m (customasable optics)	
Led used / pcs	Osram/CREE	
Power supply / Pfc	90-264 V AC/ PFC>90	
Internal termal protection	automatic	
Working temperature	-25° to +40°C	
Environment protection	IP 54 Aluminium body	
Dimensions mm	420x420x80	
Weight kg	4 kg	5.5 kg
LED Lm70	100.000 h	
Application	Gas stations, high working halls	







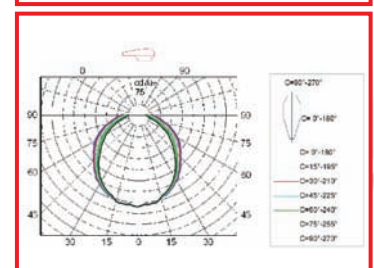
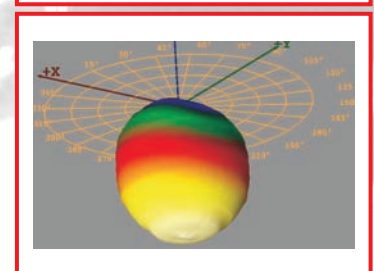
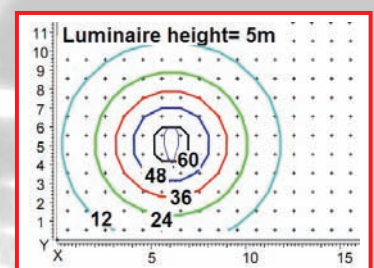
- ▶ Residential / Industrial luminaire
- ▶ Diffused light with IP65/IP66
- ▶ Traditional look with LED tech inside
- ▶ Short ROI (Return of Investment)
- ▶ Optional Dimming/Emergency/Corridor

### Benefits

- Moisture-proof luminaire IP65/IP66s
- Excellent total cost of ownership with attractive payback times
- Long-life LEDs reduce the maintenance and product replacement costs
- Unified Glare Rating is lower or equal to fluorescent tube( UGR<19)
- Three standards available - 600 mm / 1200 mm / 1500 mm
- No annoying noises, vibrations and low flickering
- Significant sustainability due to lower energy, reduced waste and no hazardous substances such as mercury and lead
- 100% efficacy - directed light which guarantees that all the luminosity goes where is needed
- Approved for indoor use or in canopied outdoor areas

*ProLight is a highly functional luminaire range that delivers great lighting quality in the face of dust, dirt and moisture. Durable, maintenance free and efficient: high-quality LED luminaires are a reliable lighting tool for keeping operating costs sustainably low. Aspects of economy have been combined with classical styling, performance and toughness for ProLight. When it comes to lighting quality, ProLight is bound to impress with excellent colour rendering up to Ra > 90 and colour temperatures from 2700 Kelvin to 6500 K. With a service life of 50,000 hours at 80 % luminous flux, ProLight is virtually maintenance free. Optionally ProLight could implement corridor function to increase the energy saving to maximum. According to the latest standards ProLight can be equipped with Emergency module with up to 4 hours stand alone time. The dimming option can also help to reduce the electricity bill. All these options make ProLight the perfect solution for even the most rigorous project.*

MODEL	ProLight 60	ProLight 120	ProLight 150
Input power	20 W	40 W	50 W
Useful quantity of light	2 400 Lm	4 800 Lm	6 000 Lm
UGR	UGR 19		
Led used / pcs	Osram/Samsung		
Power supply / Pfc	230V AC/ PFC>90		
Internal thermal protection	automatic		
Working temperature	-25° to +40°C		
Environment protection	IP 65/ Optional IP 67		
Dimensions mm	600x110x100	1200x110x100	1500x110x100
Weight kg	2 kg	2.3 kg	2.6 kg
LED Lm70	50.000 h		
Application	Working halls, shops, Malls, underground parkings		





LED Pharma A



LED Pharma B

- ▶ Hygienic solution - easy to clean
- ▶ Optional switchable Amber/White
- ▶ Low operation cost over lifetime
- ▶ Emergency module available

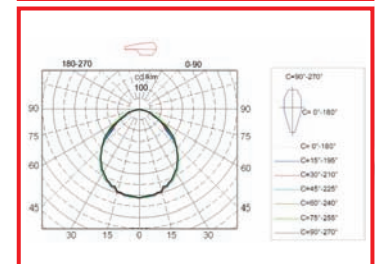
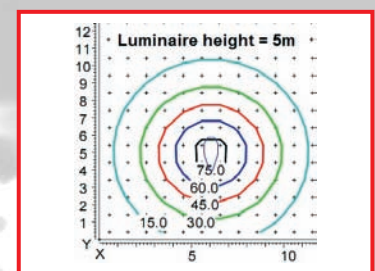
### Benefits

- Applications are clean rooms, hospitals, surgery rooms, laboratories
- Excellent total cost of ownership with low operation cost and high reliability
- Colour temperature from 2700-5500K with CRI>80
- Long-life LEDs reduce the maintenance and product replacement costs
- Emergency module is add on
- Significant sustainability due to lower energy, reduced waste and no hazardous substances such as mercury and lead
- 100% efficacy - directed light which guarantees that all the luminosity goes where is needed



Hygienic LED fixture for clean rooms, labs, hospitals, etc easy to clean by spraying. With low operational cost and effortless maintenance it leads to big savings. Smooth diffused light is with high CRI>80 coming with colour temperature from 2700-5500K. The walkable design will suit different scenarios and the maintenance is done from the back of the fixture leaving the front IP65. This highly efficient diffused light offer valuable advantages packed with extraordinary ROI- return of investment. Can be produced in white and amber for photosensitive production switching them electrically not by manually changing filters. LED Pharma is the preferred choice for pharmacies, labs and clean rooms.

MODEL	LED Pharma A	LED Pharma B
Input power	50 W	25 W
Useful quantity of light	5 100 Lm	2 600 Lm
CRI	>80	
Led used / pcs	Osram	
Power supply / Pfc	230V AC/ PFC>90	
Internal thermal protection	automatic	
Working temperature	-25° to +40°C	
Environment protection	powdercoated metal with tempered glass IP65	
Dimensions mm	675x675x120	675x340x120
Weight kg	15 kg	9 kg
LED Lm70	50.000 h	
Application	Indoor for Pharmacy, Labs, Operation rooms, Clean rooms	





- ▶ Street/Residential/High Bay luminaire
- ▶ Adjustable luminous flux
- ▶ Short ROI (Return of Investment)
- ▶ High IP65 with superior design

## Benefits

- Delivers reliable performance and significant energy savings
- Provides a choice of high system efficacy levels to meet different energy saving targets
- Excellent thermal management thanks to patent pending convection tunnels
- High efficiency - up to 145 Lm/W from the fixture
- Positive impact on environment - directed light (no light pollution), no UV- and IR- irradiation
- Low maintenance costs

**ELLY is highly Efficient LED Luminaire that will last for Years.**

Designed as a modular fixture it can be fully customized. The family provides solutions for street, residential, high bay, solar and tunnel lightning with high output (red) - up to 12 000Lm, high efficiency (light grey) - up to 145 Lm/W, green energy (green) - dimmable, powered by battery from 10 to 30 VDC and standard (black). All the family members come in 4 sizes.

The standard CRI is 70 but can reach to 95 on request. With color temperature from 2700K to 6500K..

The material save environment friendly design provides up to 3500 Lm out of 27W from only 1.9 kg.

Great light distortion thanks to latest generation Ledil optics pursuant with EU street lightning standards EN 13201.

The innovativemodel design without any ribs or barrier obstacles in the way of the rain water provides self cleaning.

It is also highly cost effective build with world leading producers of LED - CREE, OSRAM; driver - Tridonic, Philips, Osram; lens - Ledil, sealing adhesives - Dau Corning; housing - high-grade extruded aluminum.

MODEL	ELLY			ELLY 2			ELLY G
	ELLY B	ELLY R	ELLY LG	ELLY 2B	ELLY 2R	ELLY 2LG	DC
Input power	28 W	33 W	22 W	55 W	72 W	45 W	20W
Useful quantity of light	3 600 Lm	4 000 Lm	3 300 Lm	7 100 Lm	8 800 Lm	6 500 Lm	3 000 Lm
Dimensions	275x160x75			515x160x75			250x160x75
Weight	2 kg			3.9 kg			1.8 kg
Power supply	230 VAC / PFC>90						10-30VDC PWM dimmable
Installation height	6 meters						
LEDs used	CREE / OSRAM						
Mounting method	Pole 60mm / surface or pendant						
Lenses	LEDiL covering EN 13201 standart						
Thermal protection	automatic build in						
Working temperature	-25 to +40°C / -40 to +50°C optional						
Environment protection	Ingress Protection IP65						
LED LM80	100.000 hours						
Application	street, residential, solar / high bay, tunnel lightning						

