

## **Flow LED.**

Elegant shadow-free light.  
To suit your requirements.

up to  
102 lm/W





Maison de la Paix, Geneva, Switzerland; IPAS Architects SA; © Sciboz Gérald

## The challenge.

Light for architecture.

Good architecture is marked by the perfect interplay of all components. Lighting solutions should therefore be designed to support the architectural concept: optimum lighting quality based on the needs of the respective users. The lighting design should enhance the architecture without overplaying specific details. And not at all costs, but in the most efficient way possible.



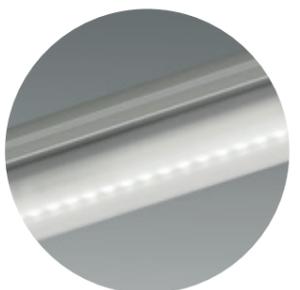
## The solution.

Pure light, optimum efficiency.

Light has never been so beautiful – the new Flow LED luminaire features timeless design, minimalist formal language, and uniform light distribution across the diffuser thanks to cutting-edge SLA Technology\* (Spread Light Applicator) developed by Regent. The result: perfect uninterrupted lines of light and significant energy savings.

- can be integrated well into the architectural space thanks to uniform light distribution across the diffuser using cutting-edge SLA Technology\*
- high energy efficiency with luminaire efficiency of up to 102 lm / W
- 3 different versions, each with a specific luminaire light output, e.g. xHE (extreme High Efficiency) for circulation areas and corridors
- lower investment required thanks to the 2-part batten measuring 2.4 metres

\* Patent pending



Innovative LEDs deliver shadow-free lines of light



\* Patent pending

**WEBCODE: 015947**  
 For further technical data  
 please go to [regent.ch](http://regent.ch) and  
 enter the web code

**Product range overview.**  
 Customised system dimensions available.

Lengths		Surface-mounted luminaire	Pendant luminaire
605 mm	xHE	•	•
	HE	•	•
	HPE	•	•
1190 mm	xHE	•	•
	HE	•	•
	HPE	•	•
2361 mm	xHE	•	•
	HE	•	•
	HPE	•	•
3532 mm	xHE	•	•
	HE	•	•
	HPE	•	•

xHE: extreme High Efficiency  
 HE: High Efficiency  
 HPE: High Performance Efficiency

## Flow LED.

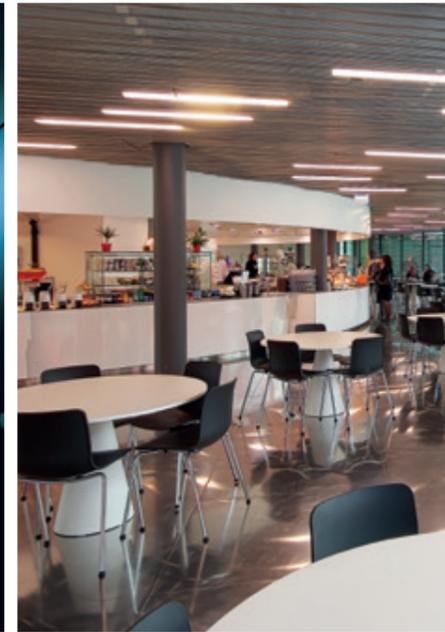
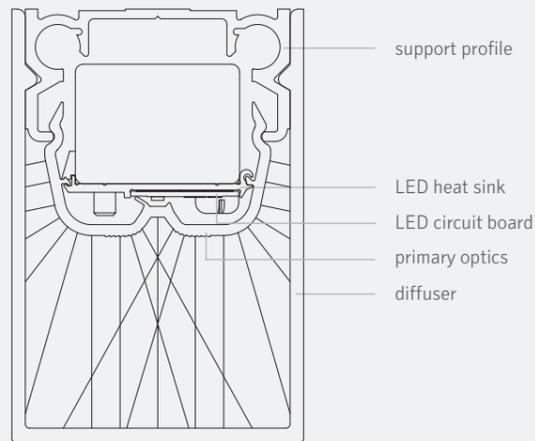
### Everything at a glance.

Flow LED ceiling or wall-mounted luminaires, 230 V, with passive cooling, up to 102 lm / W, colour temperature 4000 K or 3000 K, colour-rendering index CRI > 80, lifespan L70 > 50.000 h, direct and indirect lighting, even (vertical and horizontal) illumination of the diffuser by means of SLA Technology, three specific luminaire light outputs: for a 1.17-metre batten 1280 lm, 1540 lm or 2050 lm. Ceiling luminaire IP44 and pendant luminaire IP40. Diffusor and end components without visible screws. System batten luminaires with consistent xHE, HE or HPE luminaire light output level, or combinable without any difference in luminance. Pre-wired LED system batten luminaire made of polycarbonate with an aluminium LED circuit board with ICT (Instant Contact Technology), contact clips can be removed and replaced individually on site. Diffusor bracket made of anodized aluminium, plastic diffusor made of polycarbonate with a satin finish, internal wiring, halogen-free, integral electronic ballast. Available with DALI and emergency unit.

## The features.

A clear line when it comes to lighting quality and efficiency.

### SLA Technology\* (Spread Light Applicator)



### Perfect lighting – the perfect light source with SLA Technology\*

Only an uncompromising product design can guarantee uncompromising indirect and direct lighting in application. To achieve optimum direct and indirect lighting, latest generation LEDs have been used and applied with specially developed SLA Technology\* (Spread Light Applicator). This technology enables both direct and wide-beam light distribution from one and the same LED light source. Perfect lighting thanks to innovative lighting technology.

\* Patent pending

### Highest efficiency – Light to work with using xHE (extreme High Efficiency).

The best lighting, but not at all costs: any application only needs a specific amount of light for optimum results. With Flow LED Regent offers 3 lumen packages for typical applications.

### Direct comparison, LED vs. T5 in a corridor application

Optimum corridor lighting using Flow LED without lighting controls

	LED	T5*
Dimension	L = 10 mx W = 2 mx H = 2.7 m	
Power per Unit	14 W – xHE	31 W*
Luminaire light output	1280 lm	2340 lm
Quantity	8 pcs	8 pcs
Total wattage	112	248
Pursuant to EN12464-1	yes	yes
At floor level	<b>143</b>	<b>238</b>
W / m <sup>2</sup>	5.6	12.4

\* T5 - 28 W (+3 W BG) minimum (technologically) connected load

55%  
energy savings

# Contact

**Hauptsitz Schweiz** Regent Beleuchtungskörper AG, Dornacherstrasse 390, Postfach 139, CH-4018 Basel, Tel. +41 61 335 51 11, Fax +41 61 335 52 01, info.bs@regent.ch **Bern** Regent Beleuchtungskörper AG, Jupiterstrasse 15, Postfach 170, CH-3000 Bern 15, Tel. +41 31 940 10 10, Fax +41 31 940 10 11, info.be@regent.ch **Genève** Régent Appareils d'éclairage SA, Rue de Saint-Jean 30, CH-1203 Genève, Tél. +41 22 340 34 00, Fax +41 22 340 38 82, info.ge@regent.ch **Lausanne** Régent Appareils d'éclairage SA, Chemin du Rionzi 60, Case postale 432, CH-1052 Le Mont-sur-Lausanne, Tél. +41 21 642 02 02, Fax +41 21 648 21 19, info.ls@regent.ch **Lugano** Regent Illuminazione SA, Via al Mulino 22, CH-6814 Cadempino, Tel. +41 91 966 77 33, Fax +41 91 967 11 01, info.ti@regent.ch **Zürich** Regent Beleuchtungskörper AG, Luggwegstrasse 9, CH-8048 Zürich, Tel. +41 44 497 31 11, Fax +41 44 497 31 61, info.zh@regent.ch **Head Office International** Regent Beleuchtungskörper AG, Dornacherstrasse 390, P.O. Box 139, CH-4018 Basel Switzerland, Tel. +41 61 335 54 82, Fax +41 61 335 55 96, export.bs@regent.ch **Deutschland** Regent Licht GmbH, Plange Mühle 1, D-40221 Düsseldorf, Tel. +49 211 598 972 10, Fax +49 211 598 972 59, info@regent-licht.de **France** Régent Appareils d'éclairage SA, Siège social 10, place Charles Béraudier, Immeuble l'Orient, F-69428 Lyon Cedex 03, Régent Appareils d'éclairage SA, Siège commercial, Dornacherstrasse 390, Case postale 139, CH-4018 Bâle Suisse, Tél. +41 61 335 54 83, Fax +41 61 335 55 96, info.fr@regent.ch **Israel** Regent Lighting Marketing Ltd., 4, Moshe Sharet St., IL-75704 Rishon Letzion, Phone +972 3 962 29 70, Fax +972 3 962 29 98, service@regentlighting.co.il **Italia** Regent Illuminazione s.r.l., Sede legale, Via Vittor Pisani 16, I-20124 Milano, Tel. +39 02 667 183 78, Fax +39 02 673 861 09, info.it@regent.ch **Österreich** Regent Licht GmbH, Karl-Farkas-Gasse 22, A-1030 Wien, Tel. +43 1 879 12 10, Fax +43 1 879 12 09, info@regent-licht.at **India** Regent Lighting Asia Private Limited, A-40, Ground Floor, Sector-80, Phase-II, Noida-201 305, Uttar Pradesh, India, Phone +91 120 473 3028 (North India) Phone +91 120 473 3031 (South & West India) info@regent-lighting.in

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