

Bringing quality light
to urban contexts
with modular solutions
inspired by nature.

CELLS

Designed by SPEIRS MAJOR 2.0

Reggiani

Reggiani

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Garden Conservatory, Seoul





ELLI Residential Building and Studio, Zurigo



Officine Creative, Milan, Italy

^{EN} Designed by SPEIRS MAJOR and inspired by the cellular eye structure of a dragonfly, CELLS is an urban lighting solution designed to be installed as single or connected multiple modules.

^{IT} Progettato dallo studio SPEIRS MAJOR e ispirato alla struttura oculare cellulare di una libellula, CELLS è una soluzione di illuminazione urbana progettata per essere installata a moduli singoli o in cluster.

SPEIRS MAJOR

^{EN} SPEIRS MAJOR is an independent, award-winning international lighting design practice. Over more than twenty-five years, SPEIRS MAJOR has completed hundreds of projects around the world ranging from lighting masterplans to pocket parks, major civic buildings to small community spaces; from airports and bridges to cathedrals and monuments. Through careful collaboration between a multidisciplinary design team, clients and design partners, SPEIRS MAJOR ensure that solutions are sustainable and easy to manage, balancing imagination with realism, passion with pragmatism.

^{IT} SPEIRS MAJOR è uno studio di lighting design indipendente e pluripremiato a livello internazionale. In oltre venticinque anni, SPEIRS MAJOR ha completato centinaia di progetti in tutto il mondo, spaziando da piani regolatori per l'illuminazione a piccoli parchi, da grandi edifici civici a piccoli spazi comunitari; da aeroporti e ponti a cattedrali e monumenti. Attraverso una collaborazione attenta tra un team di progettazione multidisciplinare, clienti e partner di progetto, SPEIRS MAJOR garantisce soluzioni sostenibili e facili da gestire, bilanciando immaginazione con realismo, passione con pragmatismo.





EN "CELLS' advanced control optics give you a wide choice of functionality, from general illumination to bespoke configurations, making it ideal for both architectural and technical applications, indoors and out. The modules can be mounted on ceilings and walls, and you can choose from a wide range of finishes for different locations. We envisage our CELLS bringing light to an array of urban contexts, including exterior pathways, private and public facilities, parking lots and buildings." SPEIRS MAJOR

IT "L'ampia scelta di ottiche avanzate offre grande flessibilità funzionale: da un'illuminazione generale a configurazioni su misura e rende CELLS un prodotto ideale per applicazioni sia architettoniche che tecniche, sia interne che esterne. I moduli possono essere montati a soffitto e a parete, e si può scegliere tra una vasta gamma di finiture per diverse ambientazioni. Immaginiamo i nostri CELLS portare luce in una varietà di contesti urbani, tra cui percorsi esterni, strutture private e pubbliche, parcheggi ed edifici." SPEIRS MAJOR







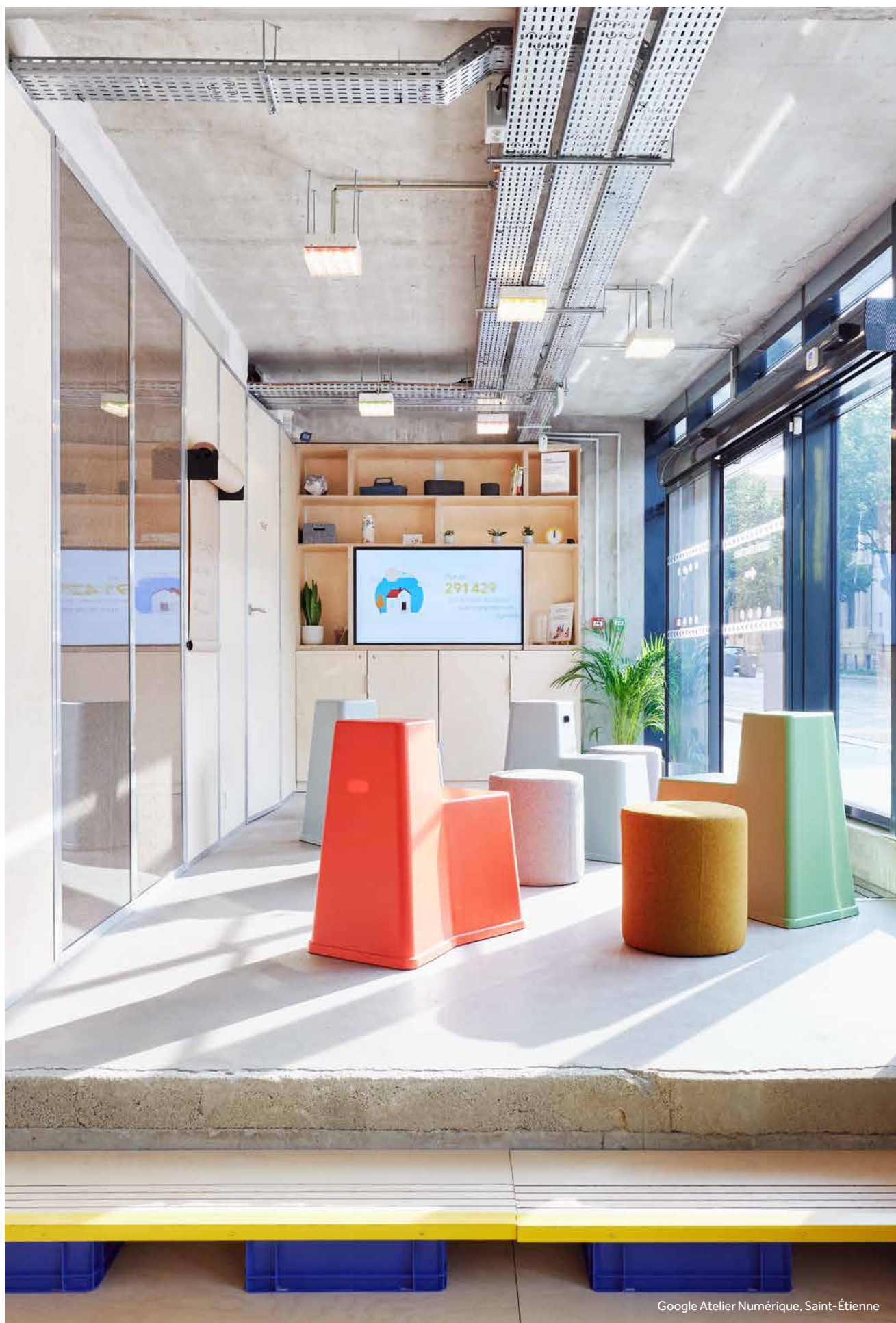
ELLI, Residential Building and Studio, Zurigo



Reggiani L&B booth

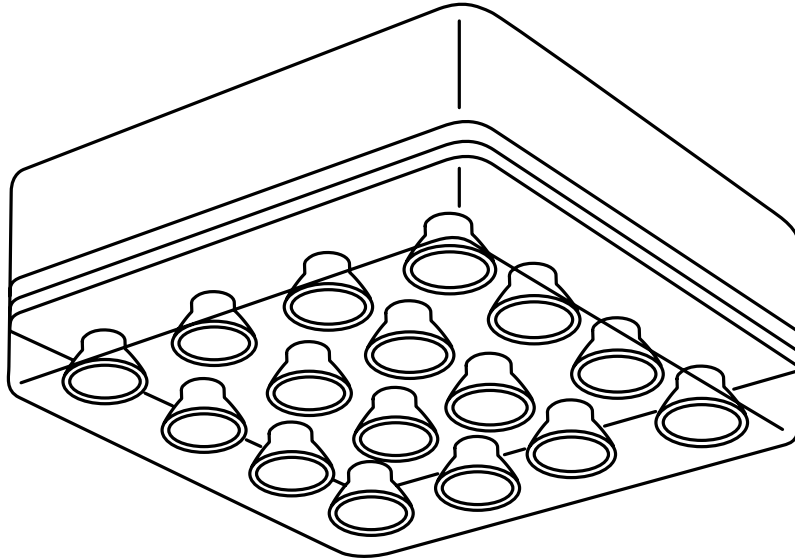


^{EN} IK10 shock resistant diffuser
^{IT} Diffusore resistente ai colpi (IK10)



Google Atelier Numérique, Saint-Étienne

Cells



EN A range of exterior luminaires IP66 and IK10. These high performance luminaires blend in perfectly with the architectural context thanks to the many aesthetic options available. The advanced optics control system makes it possible to select options for general lighting or bespoke configurations and applications.

IT Una gamma di apparecchi da esterni IP66 e IK10, in grado di fornire performance eccellenti e di integrarsi perfettamente nel contesto architettonico grazie alle diverse variabili estetiche. L'avanzato sistema di controllo del fascio consente di scegliere tra soluzioni per l'illuminazione generale o per specifiche applicazioni.



Versions/ Versioni			
Cells	 		
	Transparent	Opal	
Finishes/ Finiture	Body    		
	Q/48 White/ Bianco	R/08 Graphite/ Grafite	S/28 Gray/ Grigio
			V/98 Raw aluminium/ Alluminio grezzo
	Plates    		
	0 White/ Bianco	1 Chrome/ Cromato	2 Gray/ Grigio
			8 Graphite/ Grafite
	Colored plates (on request)    		
	4 Yellow/ Giallo	5 Red/ Rosso	6 Blue/ Blu
			7 Green/ Verde
Beams	Medium, Wide, Very wide, Rectangular, Asymmetric, Double asymmetric		
Technical fixtures	Power: 13 W - 18 W; Output: 1145 lm - 1506 lm; Efficacy: 68 lm/W - 83 lm/W; UGR <19		
Color temperature	2700K, 3000K, 3500K  Tunable white (2700K-6500K) / On request: 4000K		CRI >90
IP	66		
IK	10		
Control systems	On/Off, DALI, Emergency. On request: CASAMBI Bluetooth		
Certifications	   		

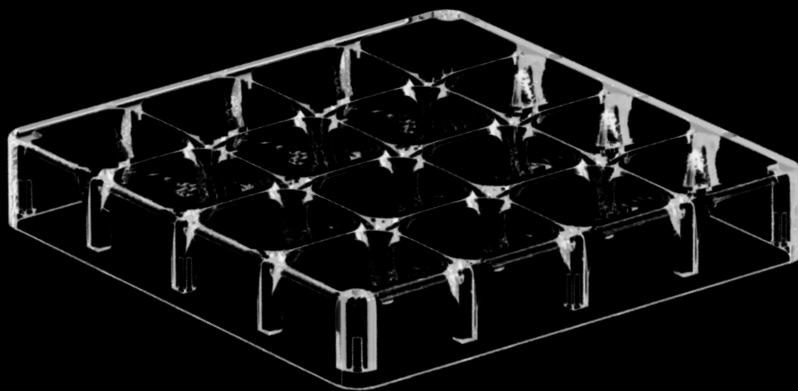
Choose the diffuser

Choose the optics

Choose the plate

Choose the body

Choose your Cells



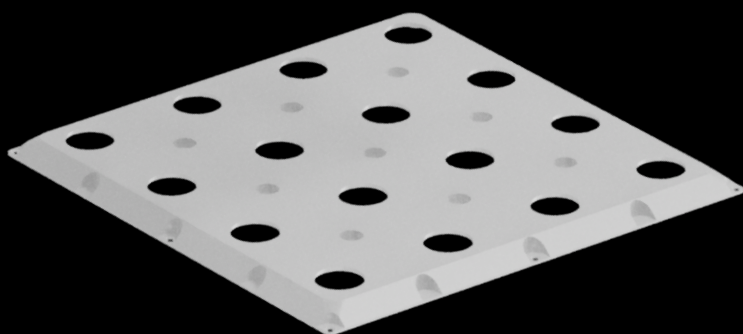
IK 10 Diffuser

- Transparent/Trasparente
- Opal/Opale



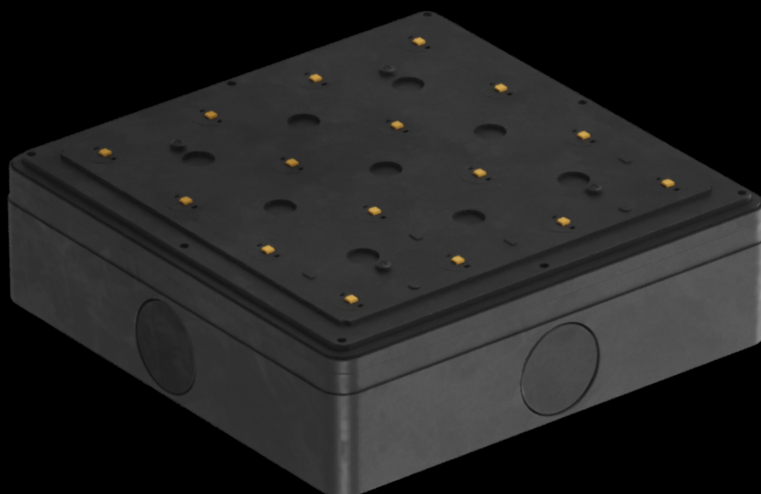
Optics

- E Medium/Medio
- M Wide/Largo
- O Very wide/Molto largo
- U Rectangular/Rettangolare
- S Asymmetric/Asimetrico
- T Double asymmetric/Doppio asimmetrico



Plates

- 0 White/Bianco
- 1 Chrome/Cromato
- 2 Grey/Grigio
- 8 Graphite/Grafite



Body

- Q/48 White/Bianco
- R/08 Graphite/Grafite
- S/28 Grey/Grigio
- V/98 Raw aluminium/Alluminio grezzo

Transparent diffuser

EN Choose the transparent diffuser to get the most from all the CELLS optics alternatives: medium, wide, very wide, rectangular, asymmetric and double asymmetric. Customize the product choosing between bodies and plates. The product is available with light colour temperatures of 2700 K, 3000 K, 3500 K (4000 K on request) and Tunable White (2700 K–6500 K).

IT Scegli il diffusore trasparente e sfrutta al meglio tutte le alternative ottiche disponibili per CELLS: fascio medio, largo, molto largo, rettangolare, asimmetrico e doppio asimmetrico. Personalizza il prodotto scegliendo tra diversi body e plate. Il prodotto è disponibile con temperature di colore della luce di 2700 K, 3000 K, 3500 K (4000 K su richiesta) e Tunable White (2700 K–6500 K).



Body



EN White
IT Bianco



EN Raw aluminium
IT Alluminio grezzo



EN Grey
IT Grigio



EN Graphite
IT Grafite

Plates



EN White
IT Bianco



EN Chrome
IT Cromato



EN Grey
IT Grigio



EN Graphite
IT Grafite

Optics



EN Medium
IT Medio



EN Wide
IT Largo



EN Very wide
IT Molto largo



EN Rectangular
IT Rettangolare



EN Asymmetric
IT Asimetrico

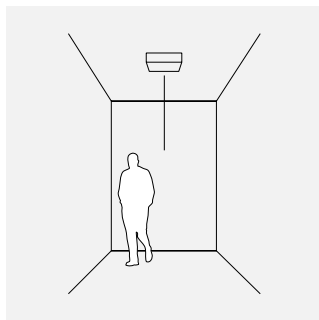


EN Double asymmetric
IT Doppio asimetrico

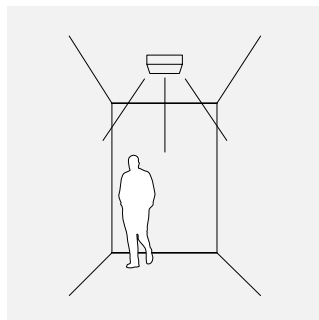


Reggiani L&B booth

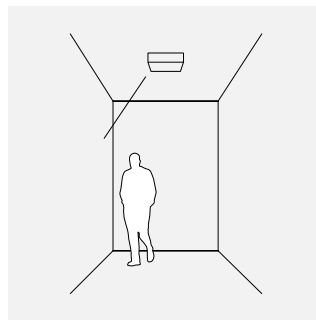
Examples



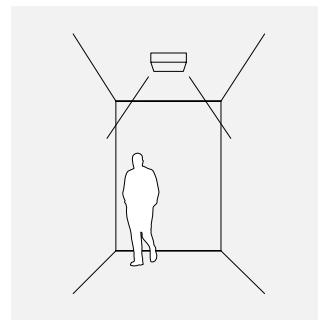
EN Optics: Medium, wide.
IT Ottica: Medio, largo.



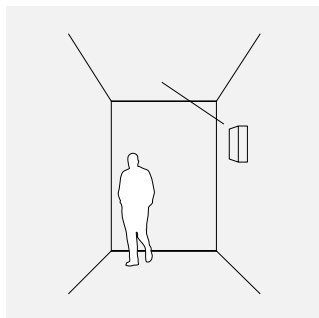
EN Optics: Rectangular or very wide.
IT Ottica: Rettangolare o molto largo.



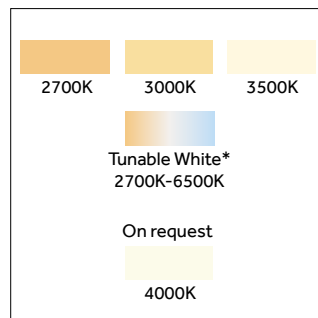
EN Optics: Asymmetric
IT Ottica: Asimmetrico.



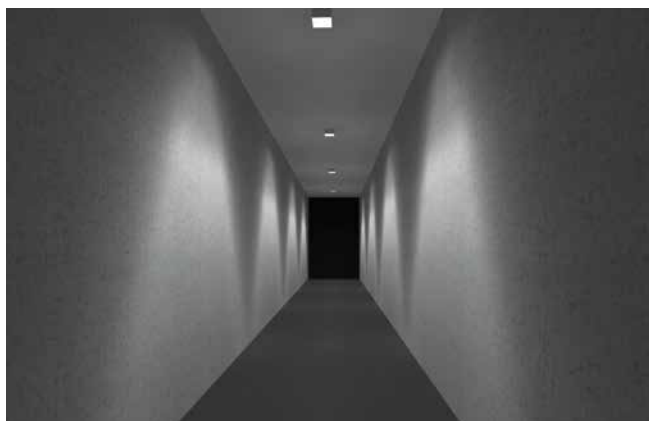
EN Optics: Double asymmetric.
IT Ottica: Doppio asimmetrico.



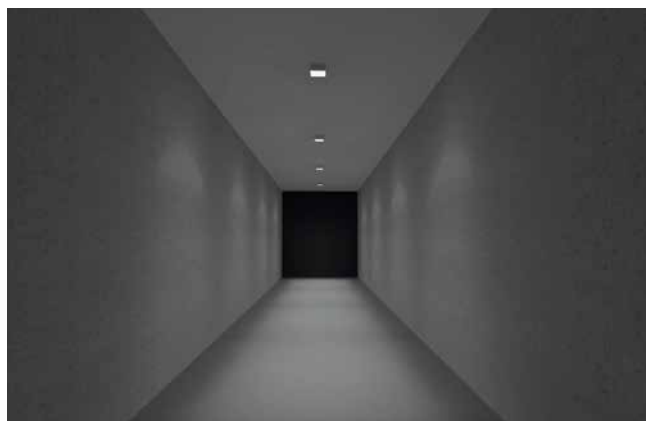
EN Optics: Asymmetric.
IT Ottica: Asimmetrico.



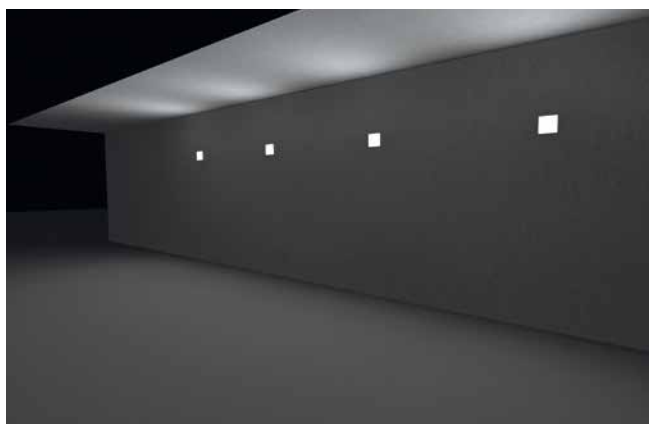
EN *For wide beam.
IT * Per fascio largo.



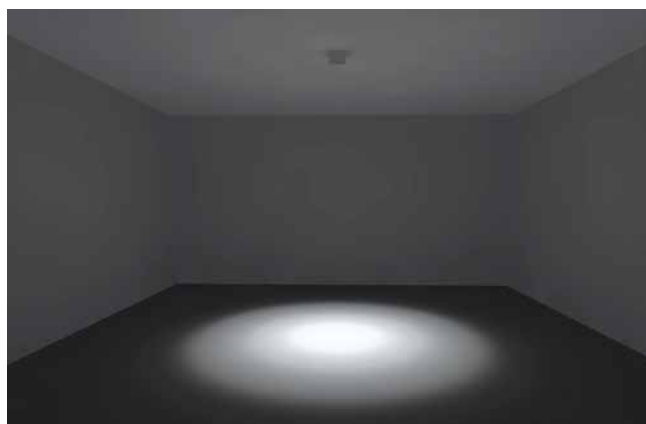
EN Optics: Double asymmetric
IT Ottica: Doppio asimmetrico



EN Optics: Rectangular or very wide.
IT Ottica: Rettangolare o molto largo.



EN Optics: Asymmetric.
IT Ottica: Asimmetrico.



EN Optics: Medium, wde.
IT Ottica: Medio, Largo.

Opal diffuser

^{EN} Choose the opal diffuser for a very wide and diffusive lighting effect and customize the product choosing between four different bodies. The product is available with light colour temperatures of 2700 K, 3000 K, 3500 K (4000 K on request)

^{IT} Scegli il diffusore opale per un effetto di luce diffusa a fascio molto largo. Personalizza il prodotto scegliendo tra quattro diversi body. Il prodotto è disponibile con temperature di colore della luce di 2700 K, 3000 K, 3500 K (4000 K su richiesta).



Body



EN White
IT Bianco



EN Raw aluminium
IT Alluminio grezzo

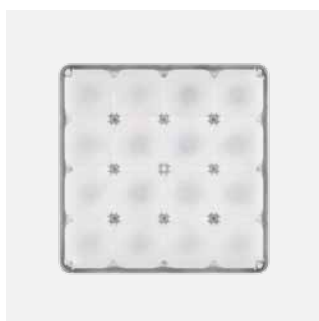


EN Grey
IT Grigio



EN Graphite
IT Grafite

Plate

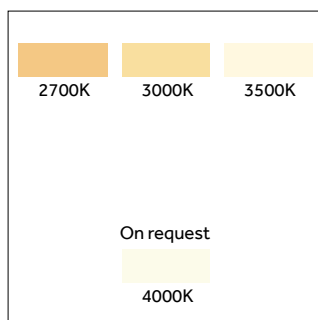


EN White
IT Bianco

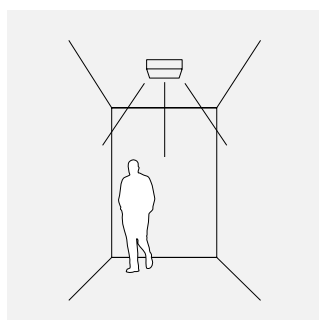
Optics



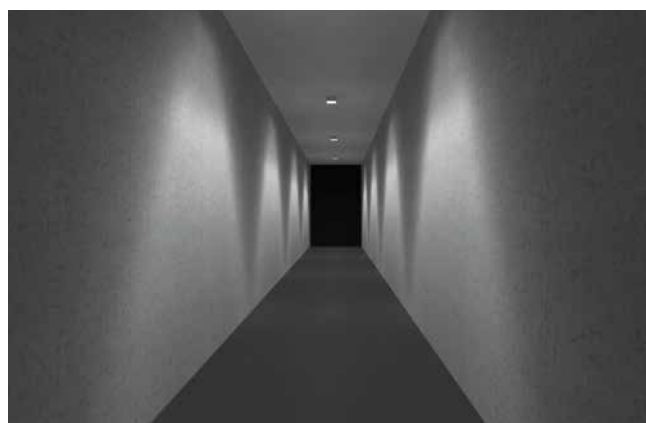
EN Very wide
IT Molto largo



EN LED Colour temperatures
IT Temperature colore LED



EN Optics: Very wide.
IT Ottica: Molto largo.



EN Optics: very wide.
IT Ottica: molto largo.

Create your layout

EN Cells adapts to every project thanks to a range of dedicated accessories. Connectors allow multiple modules to be combined, suspension rods in two lengths create pendant installations, and anti-glare visors offer precise light control.

IT Cells si adatta a ogni progetto grazie a una gamma di accessori dedicati. I connettori permettono di creare configurazioni a più moduli, le tige di sospensione in due lunghezze trasformano il prodotto in una soluzione a sospensione e le visiere antiabbagliamento garantiscono controllo della luce.



EN Connector
IT Connettore



EN Suspension with tige, L 1.5 / 3 m (IP20)
IT Sospensione con tige L 1,5 / 3 m (IP20)



EN Visor
IT Visiera



EN 90° adjustable bracket
IT Staffa per orientamento 90°





Colored plates

On request

Cells

EN On request, CELLS is also available with colored plates. The warmth of yellow, the energy of red, the tranquility of blue, or the freshness of green: combine these colors to create your personalized CELLS.

IT Su richiesta, CELLS è disponibile anche con plate colorate. Il calore del giallo, l'energia del rosso, la tranquillità del blu o la freschezza del verde: abbina questi colori per creare i tuoi CELLS personalizzati.

Colored plates (on request)



EN Yellow
IT Giallo



EN Red
IT Rosso

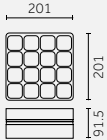


EN Blue
IT Blu



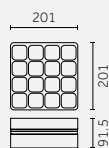
EN Green
IT Verde

Technical info & codes

Surface	 p.36-37					
Beams/ Fasci	      Medium/ Medio Wide/ Largo Very Wide/ Molto Largo Rectangular/ Rettangolare Asymmetric/ Asimmetrico Double Asymmetric/ Doppio Asimmetrico					
 Transparent diffuser Opal diffuser	24°55°68°56°+34°43°+61°86°+64° - - 81° - - -					
Light source/ Sorgente luminosa	 LED ARRAY 13 W; 18 W 1205 lm - 1506 lm L70 B50 = 50,000h 2700 K, 3000 K, 3500 K CRI > 90 On request: (4000 K, CRI > 90)  Tunable White 7,5 W 640 lm - 678 lm 2700 K - 6500 K CRI > 90					

Transparent diffuser/Diffusore trasparente

Risk 0 2,10 IK10 IP66 850° CE UK



Code example:

0 . BG03 E . HW Q 0

Accessories: p.38

Notes:

Version 13W: for environments up to 50 °C/ Versione 13 W: per ambienti fino a 50 °C.

* 3 hours emergency - When operating in emergency mode, luminous flux is 30% of the lumens emitted under normal operating conditions/ *Versione emergenza 3 ore - Il prodotto in funzionamento di emergenza emette il 30% del flusso emesso in condizioni standard.

Photometric data:

www.reggiani.net

13 W LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	BG03	E 24° Medium	HW 2700	>90	1145 lm	79 lm/W	Q	0
D DALI		M 55° Wide	HQ 3000	>90	1160 lm	80 lm/W	R	1
On request		0 68° Verywide	WQ 3500	>90	1205 lm	83 lm/W	S	2
H Bluetooth		U 56°+34° Rectangular	On request:		4000K (CRI >90)		V	8
		S 43°+61° Asymmetric						*
		T 86°+64° Double asymmetric						

7,5 W Tunable white LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
D DALI	BG03	M 56° Wide	QT 2700-6500	>90	640-678 lm	75-80 lm/W	Q	0
							R	1
							S	2
							V	8
								*

13 W Emergency* LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	MG03	E 24° Medium	HW 2700	>90	1145 lm	79 lm/W	Q	0
D DALI		M 55° Wide	HQ 3000	>90	1160 lm	80 lm/W	R	1
On request		0 68° Verywide	WQ 3500	>90	1205 lm	83 lm/W	S	2
		U 56°+34° Rectangular	On request:		4000K (CRI >90)		V	8
		S 43°+61° Asymmetric						*
		T 86°+64° Double asymmetric						

18 W LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	BG04	E 24° Medium	HW 2700	>90	1386 lm	68 lm/W	Q	0
D DALI		M 55° Wide	HQ 3000	>90	1446 lm	71 lm/W	R	1
On request		0 68° Verywide	WQ 3500	>90	1506 lm	73 lm/W	S	2
H Bluetooth		U 56°+34° Rectangular	On request:		4000K (CRI >90)		V	8
		S 43°+61° Asymmetric						*
		T 86°+64° Double asymmetric						

18 W Emergency* LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	MG04	E 24° Medium	HW 2700	>90	1386 lm	68 lm/W	Q	0
D DALI		M 55° Wide	HQ 3000	>90	1446 lm	71 lm/W	R	1
On request		0 68° Verywide	WQ 3500	>90	1506 lm	73 lm/W	S	2
		U 56°+34° Rectangular	On request:		4000K (CRI >90)		V	8
		S 43°+61° Asymmetric						*
		T 86°+64° Double asymmetric						

Finishes / Finiture

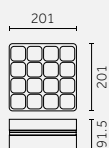
Body		
Q	White/Bianco	
R	Graphite/Grafite	
S	Grey/Grigio	
V	Raw aluminium/Alluminio grezzo	

Plates		
0	White/Bianco	
1	Chrome/Cromato	
2	Grey/Grigio	
8	Graphite/Grafite	

* Colored plates (on request)

4	Yellow/Giallo
5	Red/Rosso
6	Blue/Blu
7	Green/Verde

Opal diffuser/Diffusore Opale



Code example:

0 . CG03 0 . HW 48

Accessories: p.38

Notes:

Version 13W: for environments up to 50 °C/ Versione 13 W: per ambienti fino a 50 °C.

* 3 hours emergency - When operating in emergency mode, luminous flux is 30% of the lumens emitted under normal operating conditions/ *Versione emergenza 3 ore - Il prodotto in funzionamento di emergenza emette il 30% del flusso emesso in condizioni standard.

Photometric data:
www.reggiani.net

13 W LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered	Efficacy	Body	Plates
0 On/Off	CG03	0 81° Very wide	HW 2700	>90	792 lm	55 lm/W	48	White plate only
D DALI			HQ 3000	>90	803 lm	55 lm/W	08	
On request			WQ 3500	>90	829 lm	57 lm/W	28	
H Bluetooth			On request:				98	
			4000K (CRI >90)					

13 W Emergency* LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	NG03	0 81° Very wide	HW 2700	>90	792 lm	55 lm/W	48	White plate only
D DALI			HQ 3000	>90	803 lm	55 lm/W	08	
			WQ 3500	>90	829 lm	57 lm/W	28	
			On request:				98	
			4000K (CRI >90)					

18 W LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered	Efficacy	Body	Plates
0 On/Off	CG04	0 81° Very wide	HW 2700	>90	958 lm	47 lm/W	48	White plate only
D DALI			HQ 3000	>90	1001 lm	49 lm/W	08	
On request			WQ 3500	>90	1037 lm	51 lm/W	28	
H Bluetooth			On request:				98	
			4000K (CRI >90)					

18 W Emergency* LED ARRAY

Lumen maintenance: L70 B50=50,000h / SDCM >3

Driver	Version	Optics	LED K	CRI	lm delivered up to:	Efficacy up to:	Body	Plates
0 On/Off	NG04	0 81° Very wide	HW 2700	>90	958 lm	47 lm/W	48	White plate only
D DALI			HQ 3000	>90	1001 lm	49 lm/W	08	
			WQ 3500	>90	1037 lm	51 lm/W	28	
			On request:				98	
			4000K (CRI >90)					

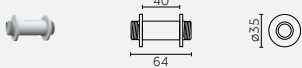
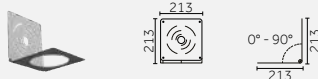
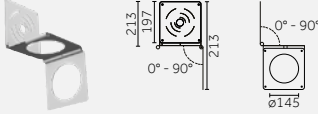
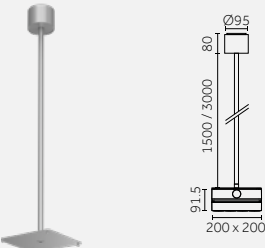
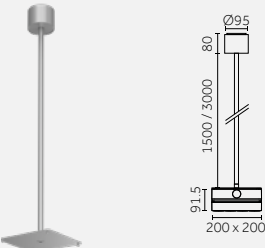
Finishes / Finiture

Body

- ☐ 48 White/Bianco
☐ 08 Graphite/Grafite
☐ 28 Grey/Grigio
☐ 98 Raw aluminium/Alluminio grezzo

Accessories

Mounting accessories/
Accessori montaggio

	Description Connector/ Connettore	Code 0.26030.00	Finishes 48 08 28 98
	Description 90° adjustable bracket/ Staffa per orientamento 90°	Code 0.26111.00	Finishes 48 08 28 98
	Description 90° two axis adjustable bracket/ Staffa per doppio orientamento 90°	Code 0.26112.00	Finishes 48 08 28 98
	Description L. 1500 mm suspension with tige/ Sospensione L. 1500mm con tige IP20	Code 0.26113.00	Finishes 48 08 28 98
	Description L. 3000 mm suspension with tige/ Sospensione L. 3000mm con tige IP20	Code 0.26114.00	Finishes 48 08 28 98

Cells accessories/
Accessori Cells

	Description Visor/ Visiera	Code 0.26110.00	Finishes 48 08 28 98

Reggiani

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^{IT} Reggiani Lighting Srl si riserva la facoltà di effettuare in qualsiasi momento senza preavviso, variazioni tecniche, formali e dimensionali. Sono vietate le riproduzioni anche parziali del presente documento. Le dimensioni degli apparecchi sono espresse in millimetri. Tutte le innovazioni tecniche e formali sono coperte da brevetto. Watt e lumen fanno riferimento ai valori nominali della sorgente LED, per i dati fotometrici e il lumen output degli apparecchi visitare www.reggiani.net

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David Foessel (p. 15)



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