

VERSATILITÀ E TECNOLOGIA
ROSS
VERSATILITY AND TECHNOLOGY

una creazione di





Per soddisfare ogni esigenza di illuminazione legata ai grandi spazi, **SIDE** ha progettato **ROSS** una linea di prodotti completa in grado di offrire un sistema di illuminazione **efficiente** e **flessibile**.

Nato per illuminare **ampi spazi comuni** come centri commerciali, supermercati, sale d'esposizione, magazzini, capannoni industriali. **ROSS** rappresenta un'**alternativa ai sistemi a linea continua e ai proiettori**, con i quali, tra l'altro, può facilmente essere combinato per creare sia un'illuminazione uniforme che d'accento.

To meet all lighting needs related to large spaces **SIDE** has designed **ROSS**, a complete product range able to offer an efficient and **flexible lighting system**.

Born to illuminate **large common areas** such as shopping centers, supermarkets, exhibition halls, warehouses, industrial sheds. **ROSS** represents an **alternative to continuous line systems and projectors** with which it can easily be combined to create both uniform and accent lighting.





ROSS



LA LUCE IDEALE PER OGNI AMBIENTE

THE IDEAL LIGHT FOR EVERY ENVIRONMENT

Una gamma completa di prodotti nelle versioni ad **incasso, binario, parete e sospensione**, altamente personalizzabile grazie alle ottiche appositamente progettate con fascio **standard, diffuso, asimmetrico** o **bi-asimmetrico**.

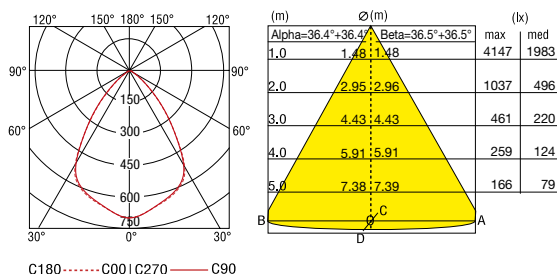
Completano la gamma **ROSS** le versioni **dali** e in **emergenza**. Un apparecchio capace di assicurare un'altissima efficienza luminosa grazie a led e lenti di ultima generazione. Il controllo mediante queste lenti permette di avere una **luce omogenea** e una buona **funzione antiabbagliamento** (UGR < 19).

A complete range of products in **recessed, track, wall and suspension** versions, highly customizable thanks to specially designed optics with **standard, diffuse, asymmetrical** or **bi-asymmetrical beam**.

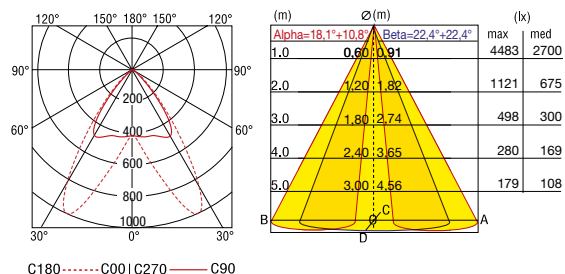
The **ROSS** range is completed by the **dali** and **emergency** versions. A product that ensures a very high luminous efficiency thanks to the latest generation of LEDs and lenses. The control through these lenses allows a **homogeneous light** and a good **anti-glare function** (UGR < 19).



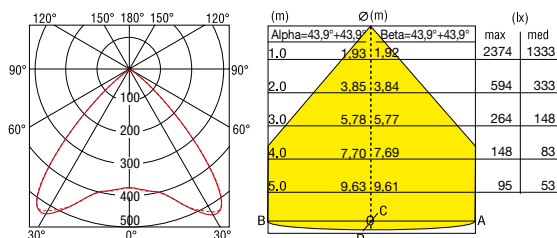
FASCIO STANDARD - STANDARD BEAM



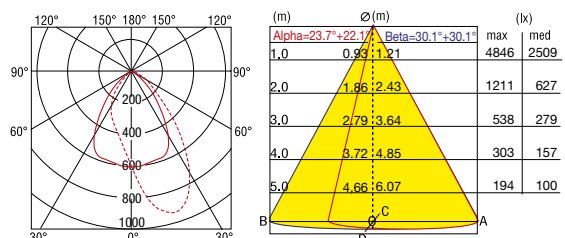
FASCIO DOPPIO ASIMMETRICO - DOUBLE ASYMMETRIC BEAM



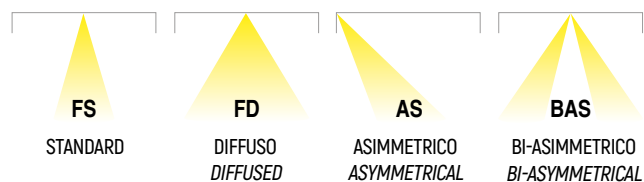
FASCIO DIFFUSO - DIFFUSED OPTIC



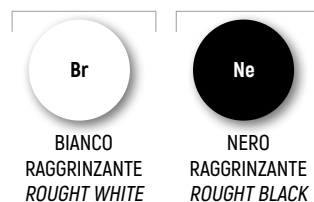
FASCIO ASIMMETRICO - ASYMMETRIC BEAM



OTTICHE OPTICAL



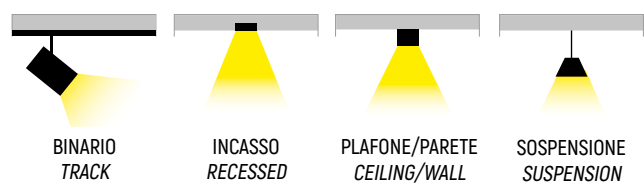
COLORI COLOUR



VERSIONE VERSION



APPLICAZIONI APPLICATION



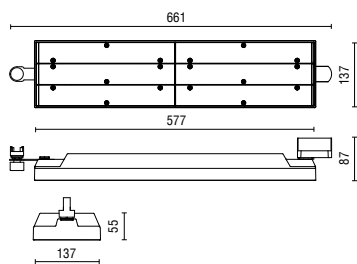








- Corpo in materiale termoplastico.
- Lente in PMMA.
- Dissipatore passivo.
- Temperatura esercizio -20° +35°.
- Pressacavo in nylon 66.
- Apparecchio conforme alle norme EN60598-1.
- Led durata utile: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.

- Body in thermoplastic material.
- PMMA lens.
- Passive heatsink.
- Operating temperature -20 ° + 35 °.
- Cable gland in nylon 66.
- Nylon cable gland 66.
- Fitting compliant to EN60598-1 standards.
- Led life: 50.000 (h) L80 B20.
- Chromatic constancy: 3 SDCM.

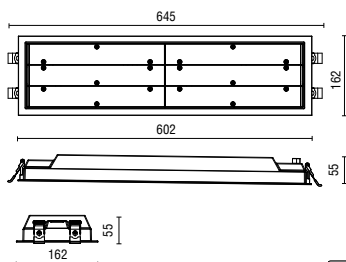









BINARIO - TRACK



					LED					SISTEMA-SYSTEM		
  FS  FL  AS  BAS					W	lm	V	K	CRI	W	lm	lm/W
ON-OFF												
Br	4445-LBC	4447-LBC	4449-LBC	4451-LBC	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6630	144
Ne	4446-LBC	4448-LBC	4450-LBC	4452-LBC								
Br	4445-LBN	4447-LBN	4449-LBN	4451-LBN	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151
Ne	4446-LBN	4448-LBN	4450-LBN	4452-LBN								
 DIM-DALI/PUSH												
Br	4445-LBC-DA	4447-LBC-DA	4449-LBC-DA	4451-LBC-DA	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144
Ne	4446-LBC-DA	4448-LBC-DA	4450-LBC-DA	4452-LBC-DA								
Br	4445-LBN-DA	4447-LBN-DA	4449-LBN-DA	4451-LBN-DA	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151
Ne	4446-LBN-DA	4448-LBN-DA	4450-LBN-DA	4452-LBN-DA								

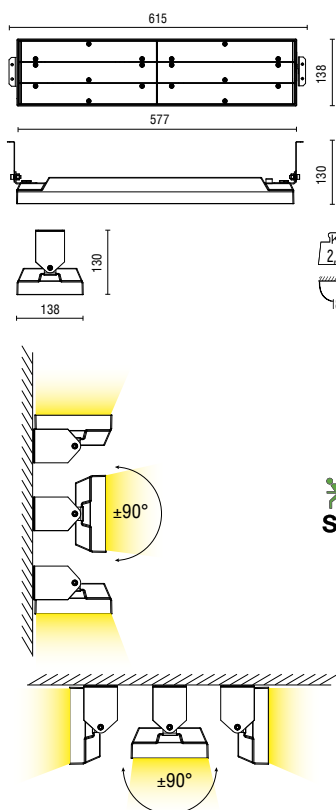
INCASSO - RECESSED


















					LED					SISTEMA-SYSTEM		
  FS  FL  AS  BAS					(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
ON-OFF												
Br	4455-LBC	4457-LBC	4459-LBC	4461-LBC	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144
Ne	4456-LBC	4458-LBC	4460-LBC	4462-LBC								
Br	4455-LBN	4457-LBN	4459-LBN	4461-LBN	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151
Ne	4456-LBN	4458-LBN	4460-LBN	4462-LBN								
 DIM-DALI/PUSH												
Br	4455-LBC-DA	4457-LBC-DA	4459-LBC-DA	4461-LBC-DA	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144
Ne	4456-LBC-DA	4458-LBC-DA	4460-LBC-DA	4462-LBC-DA								
Br	4455-LBN-DA	4457-LBN-DA	4459-LBN-DA	4461-LBN-DA	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151
Ne	4456-LBN-DA	4458-LBN-DA	4460-LBN-DA	4462-LBN-DA								
 EM EMERGENZA-EMERGENCY - 1h												
Br	4455-LBC-EM	4457-LBC-EM	4459-LBC-EM	4461-LBC-EM	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144
Ne	4456-LBC-EM	4458-LBC-EM	4460-LBC-EM	4462-LBC-EM								
Br	4455-LBN-EM	4457-LBN-EM	4459-LBN-EM	4461-LBN-EM	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151
Ne	4456-LBN-EM	4458-LBN-EM	4460-LBN-EM	4462-LBN-EM								

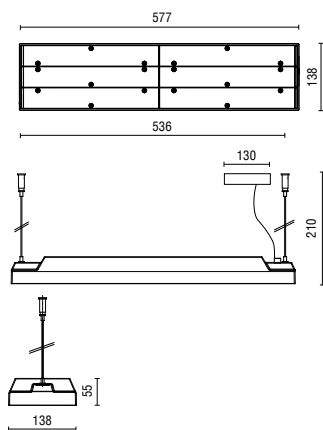









PLAFONE/PARETE - CEILING/WALL



						LED							SISTEMA-SYSTEM		
															
ON-OFF															
Br	4465-LBC	4467-LBC	4469-LBC	4471-LBC		43,2W	7020	220-240V [500mA]	3000	>80	47,5W	6830	144		
Ne	4466-LBC	4468-LBC	4470-LBC	4472-LBC											
Br	4465-LBN	4467-LBN	4469-LBN	4471-LBN		43,2W	7380	220-240V [500mA]	4000	>80	47,5W	7180	151		
Ne	4466-LBN	4468-LBN	4470-LBN	4472-LBN											
 DIM-DALI/PUSH															
Br	4465-LBC-DA	4467-LBC-DA	4469-LBC-DA	4471-LBC-DA		43,2W	7020	220-240V [500mA]	3000	>80	47,5W	6830	144		
Ne	4466-LBC-DA	4468-LBC-DA	4470-LBC-DA	4472-LBC-DA											
Br	4465-LBN-DA	4467-LBN-DA	4469-LBN-DA	4471-LBN-DA		43,2W	7380	220-240V [500mA]	4000	>80	47,5W	7180	151		
Ne	4466-LBN-DA	4468-LBN-DA	4470-LBN-DA	4472-LBN-DA											
 EMERGENZA-EMERGENCY - 1h															
Br	4465-LBC-EM	4467-LBC-EM	4469-LBC-EM	4471-LBC-EM		43,2W	7020	220-240V [500mA]	3000	>80	47,5W	6830	144		
Ne	4466-LBC-EM	4468-LBC-EM	4470-LBC-EM	4472-LBC-EM											
Br	4465-LBN-EM	4467-LBN-EM	4469-LBN-EM	4471-LBN-EM		43,2W	7380	220-240V [500mA]	4000	>80	47,5W	7180	151		
Ne	4466-LBN-EM	4468-LBN-EM	4470-LBN-EM	4472-LBN-EM											

SOSPENSIONE - SUSPENSION



















					LED							SISTEMA-SYSTEM		
					(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)		
ON-OFF														
Br	4475-LBC	4477-LBC	4479-LBC	4481-LBC	43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144		
Ne	4476-LBC	4478-LBC	4480-LBC	4482-LBC										
Br	4475-LBN	4477-LBN	4479-LBN	4481-LBN	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151		
Ne	4476-LBN	4478-LBN	4480-LBN	4482-LBN										
 DIM-DALI/PUSH					43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144		
Br	4475-LBC-DA	4477-LBC-DA	4479-LBC-DA	4481-LBC-DA										
Ne	4476-LBC-DA	4478-LBC-DA	4480-LBC-DA	4482-LBC-DA										
Br	4475-LBN-DA	4477-LBN-DA	4479-LBN-DA	4481-LBN-DA	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151		
Ne	4476-LBN-DA	4478-LBN-DA	4480-LBN-DA	4482-LBN-DA										
 EMERGENZA-EMERGENCY - 1h					43,2W	7020	220-240V (500mA)	3000	>80	47,5W	6830	144		
Br	4475-LBC-EM	4477-LBC-EM	4479-LBC-EM	4481-LBC-EM										
Ne	4476-LBC-EM	4478-LBC-EM	4480-LBC-EM	4482-LBC-EM										
Br	4475-LBN-EM	4477-LBN-EM	4479-LBN-EM	4481-LBN-EM	43,2W	7380	220-240V (500mA)	4000	>80	47,5W	7180	151		
Ne	4476-LBN-EM	4478-LBN-EM	4480-LBN-EM	4482-LBN-EM										

- Rosone verniciato e cavi in acciaio con regolazione micro metrica.
- Cavo alimentazione 3/5 x 0,75mm².
- Painted canopy and steel cables with micro metric adjustment.
- Power cable: 3/5 x 0.75mm².



LEGENDA - LEGEND

	Codice apparecchio - Fitting code		Potenza - Wattage
	Colore apparecchio - Fitting colour		Lumen (flusso luminoso) - Lumen (luminous flux)
Br =	Bianco raggrinzante - Rought white		Voltaggio nominale - Nominal voltage
Ne =	Nero raggrinzante - Rought black		Temperatura di colore - Color temperature
	Apparecchio con sorgente luminosa e alimentatore Supplied with lighting source and driver		Resa cromatica - Color rendering index
	Peso lordo - Gross weight		Rendimento totale apparecchio - System efficiency
	Ampiezza fascio - Beam wide		Prezzo in Euro - Price in Euro
	Rotazione-movimento asse orizzontale Horizontal axis rotation-adjustability		Valore UGR con interdistanza di default 0,25 (tabelle CIE dell'indice unificato di abbagliamento) UGR value with default inter distance 0.25 (dazzle unified index CIE tables)
			Gruppo di rischio fotobiologico - Rischio esente Photobiological risks group - Risk free
			Flicker free - Effetto di flickering minore o uguale al 3% Flickering less or equal 3%

ROSS



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