



TYNDALL C-SYSTEM



Nuova soluzione lineare per fila continua a LED; ideata per installazione diretta a soffitto o in sospensione. Caratterizzata dall'elevatissima efficienza, comfort visivo e controllo dell'abbagliamento, con emissione luminosa mono-direzionale verso il basso (down) e bi-direzionale (up & down).
Abbinata ad un design elegante e minimale. Ideale per uffici, showroom, ambienti lavorativi ma anche, spazi commerciali espositivi, supermercati, sale convegni e grande aree.

Corpo: estruso di alluminio anodizzato e verniciato.
Ottiche: in PMMA, disponibili con lenti 90° (UGR <19) sviluppate con sistema CLC (Constant Light Colour).
Riflettore: Light&Dark in PC con finitura fine opaca.
Moduli LED: alimentati a 350mA e 500mA.
Temperatura di colore: 3000/4000K. CRI>90 (Down) e CRI>80 (Up).
Mantenimento del flusso luminoso: 80.000h L90B10 @ta25, 65.000h L80 B20 @tamax.
Alimentazione: 220 ÷ 240V 50/60Hz, ripple free, SP system (protezione contro sovraccarico e cortocircuito), Active PFC.
Kit di fissaggio a soffitto: fornito di serie, composto 2 clips in acciaio.

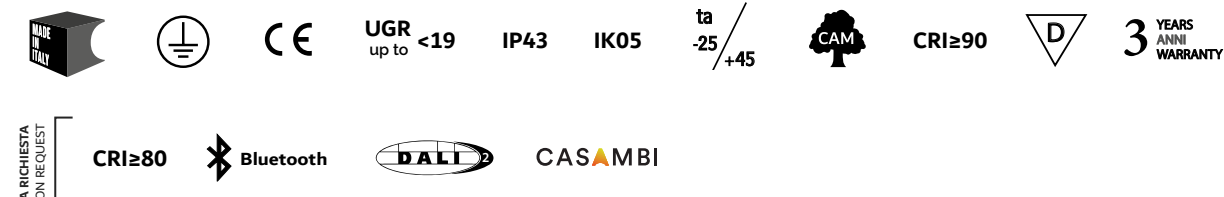
Continuous row linear LED system; designed for direct ceiling or suspension installation. Characterized by very high efficiency, visual comfort and glare control, with single-direction downward (down) and bi-directional (up & down) light output. Combined with an elegant and minimal design. Ideal for offices, showrooms, work environments and also, commercial exhibition spaces.

Body: anodized and painted extruded aluminum profile.
Optics: PMMA, available in 90° (UGR<19) developed with CLC system (Constant Light Colour).
LED modules: powered at 350mA and 500mA.
Reflectors: Light & Dark in PC with a fine matte finish.
Colour temperature: 3000/4000K. CRI>90 (Down) and CRI>80 (Up).
Expected lifetime: 80.000h L90B10 @ta25, 65.000h L80 B20 @tamax.
Power supply: 220-240V 50/60Hz, ripple free, SP system, Active PFC.
Ceiling fixing system: supplied as standard, composed by 2 steel springs.

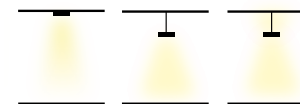
Efficienza Luminosa
Luminous Efficacy

up to 164lm/W

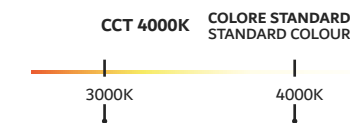
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OPZIONI DI INSTALLAZIONE / INSTALLATION OPTIONS



TEMPERATURA COLORE / COLOUR TEMPERATURE



DISPONIBILI A RICHIESTA / AVAILABLE ON REQUEST

- ottica 65°;
- versione CRI80;
- SPD 12kV;
- driver dimmerabile DALI;
- emergenza 1-3h SA interna;
- cablaggio per fase alternata;
- sensori di movimento stand alone/cablato ON-OFF o DALI;
- telecomando per sensore crepuscolare/movimento;
- sistema di controllo tecnologia Bluetooth.

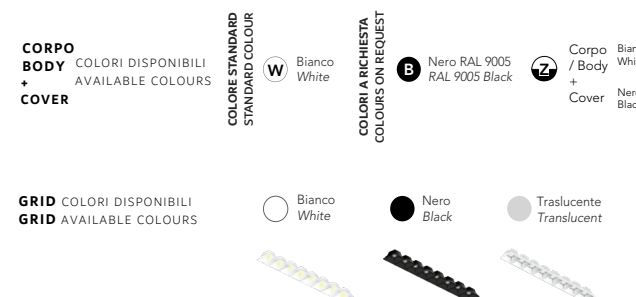
- optic 65°;
- CRI80 version;
- SPD 12kV;
- DALI dimmable driver;
- internal 1-3h maintained emergency;
- alternating phase wiring;
- motion sensors stand alone/wired ON-OFF or DALI;
- remote controller for twilight/motion sensor;
- control system based on Bluetooth technology.

ACCESSORI A RICHIESTA / ACCESSORIES AVAILABLE ON REQUEST

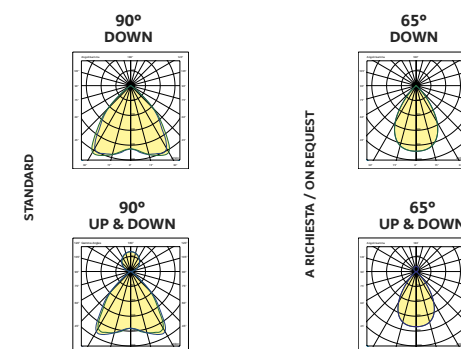
- kit per installazione a sospensione 2,5mt;
- kit tappi laterali;
- rosone + cavo alimentazione;
- raccordo cieco 90°;
- modulo cieco 112cm.

- suspension mounting kit L= 2,5m;
- side caps kit;
- ceiling base + power supply cable;
- 90° blind corner joint;
- blind module 112cm.

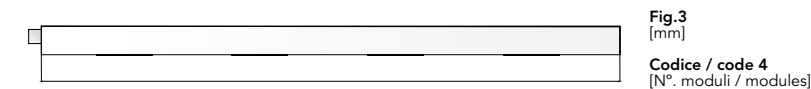
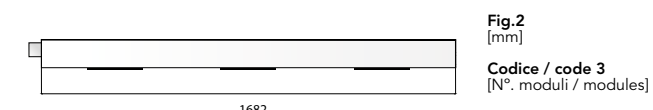
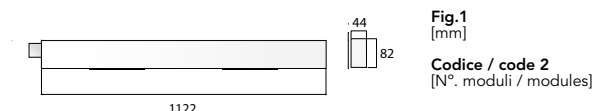
COLORI DISPONIBILI / AVAILABLE COLOURS



VERSIONI DISPONIBILI / AVAILABLE VERSIONS



DIMENSIONI / DIMENSIONS



Tyndall C-System

START MODULES

È l'elemento primario del sistema che consente la connessione elettrica all'impianto.
Lo **Start Module** è l'elemento fondamentale a partire dal quale si costruisce la fila continua.
È obbligatoriamente il primo elemento di configurazione, nonché l'unico del sistema che deve essere aperto e cablato in fase di installazione.

Tutti i moduli c/system sono provvisti di giunto meccanico interno e di connessione passante con plug a innesto rapido.

It is the primary element of the system that enables the electrical connection to the mains.
The **Start Module** is the fundamental element from which the continuous run is built.
It is strictly required to be the first configuration element, and it is the only one in the system that must be opened and wired during installation.

All c/system modules are equipped with an internal mechanical joint and a loop-through connection with a quick-connect plug.

DOWN

CODICE Code	DESCRIZIONE Description	POTENZA Power(W)	FLUSSO NOMINALE Typical flux(lm)	FLUSSO NETTO Net output(lm)	CORRENTE Current(mA)	FIGURA Figure	PESO NETTO Net weight(Kg)
6609030940W.2014	112cm 2x 940 Start Module	13,5W	2190	1815	350	1	2,52
				1620		Code 2 [N°. moduli / modules]	
				1815			
6609030940W.3021	168cm 3x 940 Start Module	20,5W	3285	2725	350	2	3,44
				2430		Code 3 [N°. moduli / modules]	
				2725			
6609030940W.4027	224cm 4x 940 Start Module	27W	4380	3635	350	3	4,62
				3240		Code 4 [N°. moduli / modules]	
				3635			
6609030940W.2020	112cm 2x 940 Start Module	20W	3100	2570	500	1	2,52
				2290		Code 2 [N°. moduli / modules]	
				2570			
6609030940W.3030	168cm 3x 940 Start Module	30W	4650	3855	500	2	3,44
				3440		Code 3 [N°. moduli / modules]	
				3855			
6609030940W.4040	224cm 4x 940 Start Module	40W	6200	5145	500	3	4,62
				4585		Code 4 [N°. moduli / modules]	
				5145			

FLUSSO NETTO PER COLORE GRID / NET FLUX BY COLOUR GRID

		Down / Up	Down / Up	Down / Up	Down / Up
6619030940W.2018	112cm 2x 940 Start Module	13,5W / 4W	2190 / 680	1815 / 475	2,60
				1620 / 475	
				1815 / 475	
6619030940W.3029	168cm 3x 940 Start Module	20,5W / 8W	3285 / 1360	2725 / 950	3,50
				2430 / 950	
				2725 / 950	
6619030940W.4035	224cm 4x 940 Start Module	27W / 8W	4380 / 1360	3635 / 950	4,85
				3240 / 950	
				3635 / 950	
6619030940W.2026	112cm 2x 940 Start Module	20W / 6W	3100 / 935	2570 / 650	2,60
				2290 / 650	
				2570 / 660	
6619030940W.3042	168cm 3x 940 Start Module	30W / 12W	4650 / 1870	3855 / 1305	3,50
				3770 / 1305	
				3440 / 1305	
6619030940W.4052	224cm 4x 940 Start Module	40W / 12W	6200 / 1870	5145 / 1305	4,85
				4585 / 1305	
				5145 / 1305	

CORPO / BODY

UP & DOWN

CODICE Code	DESCRIZIONE Description	POTENZA Power(W)	FLUSSO NOMINALE Typical flux(lm)	FLUSSO NETTO Net output(lm)	CORRENTE Current(mA)	FIGURA Figure	PESO NETTO Net weight(Kg)
6529030940W.2014	112cm 2x 940	13,5W	2190	1815	350	1	2,52
				1620		Code 2 [N°. moduli / modules]	
				1815			
6529030940W.3021	168cm 3x 940	20,5W	3285	2725	350	2	3,44
				2430		Code 3 [N°. moduli / modules]	
				2725			
6529030940W.4027	224cm 4x 940	27W	4380	3635	350	3	4,62
				3240		Code 4 [N°. moduli / modules]	
				3635			
6529030940W.2020	112cm 2x 940	20W	3100	2570	500	1	2,52
				2290		Code 2 [N°. moduli / modules]	
				2570			
6529030940W.3030	168cm 3x 940	30W	4650	3855	500	2	3,44
				3440		Code 3 [N°. moduli / modules]	
				3855			
6529030940W.4040	224cm 4x 940	40W	6200	5145	500	3	4,62
				4585		Code 4 [N°. moduli / modules]	
				5145			

DOWN

		Down / Up	Down / Up	Down / Up	Down / Up
6539030940W.2018	112cm 2x 940	13,5W / 4W	2190 / 680	1815 / 475	2,60
				1620 / 475	
				1815 / 475	
6539030940W.3029	168cm 3x 940	20,5W / 8W	3285 / 1360	2725 / 950	3,50
				2430 / 950	
				2725 / 950	
6539030940W.4035	224cm 4x 940	27W / 8W	4380 / 1360	3635 / 950	4,85
				3240 / 950	
				3635 / 950	
6539030940W.2026	112cm 2x 940	20W / 6W	3100 / 935	2570 / 650	2,60
				2290 / 650	
				2570 / 650	
6539030940W.3042	168cm 3x 940	30W / 12W	4650 / 1870	3855 / 1305	3,50
				3440 / 1305	
				3855 / 1305	
6539030940W.4052	224cm 4x 940	40W / 12W	6200 / 1870	5145 / 1305	4,85
				4585 / 1305	
				5145 / 1305	

FLUSSO NETTO PER COLORE GRID / NET FLUX BY COLOUR GRID

972701.702	Kit GRID 7x1 x2 per for Tyndall fig.1 - 1120mm	bianco / white	0,06
972702.702	Kit GRID 7x1 x2 per for Tyndall fig.1 - 1120mm	nero / black	0,06
972703.702	Kit GRID 7x1 x2 per for Tyndall fig.1 - 1120mm	traslucente / translucent	0,06
972701.703	Kit GRID 7x1 x3 per for Tyndall fig.2 - 1680mm	bianco / white	0,09
972702.703	Kit GRID 7x1 x3 per for Tyndall fig.2 - 1680mm	nero / black	0,09
972703.703	Kit GRID 7x1 x3 per for Tyndall fig.2 - 1680mm	traslucente / translucent	0,09
972701.706	Kit GRID 7x1 x4 per for Tyndall fig.3 - 2240mm	bianco / white	0,13
972702.706	Kit GRID 7x1 x4 per for Tyndall fig.3 - 2240mm	nero / black	0,13
972703.706	Kit GRID 7x1 x4 per for Tyndall fig.3 - 2240mm	traslucente / translucent	0,13

GRID

CORPO / BODY

UP & DOWN

PERSONALIZZABILE | CUSTOMIZZABILE

Tyndall C-System

Scelta tipologia di fissaggio / Mounting type selection



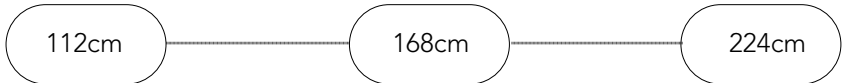
Scelta ottica / Optic selection



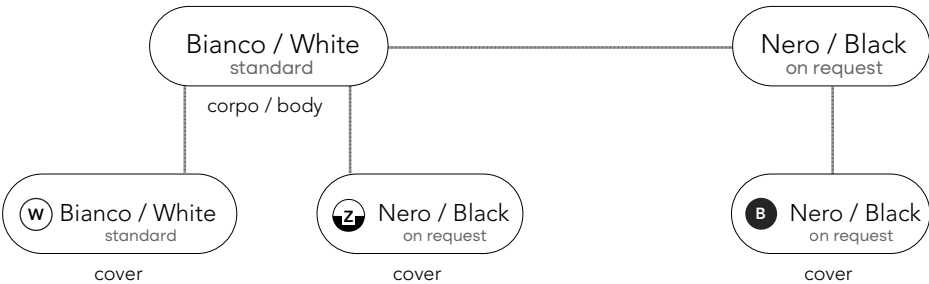
Scelta versione / Version selection



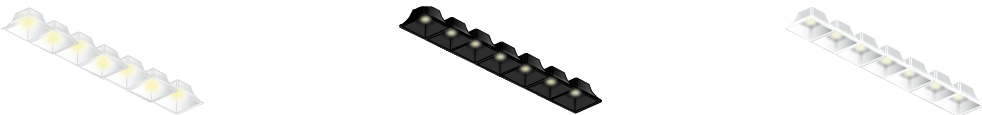
Scelta lunghezza corpo e potenza (W) / Selection of body length and power (W)



Scelta colore corpo / Body colour selection

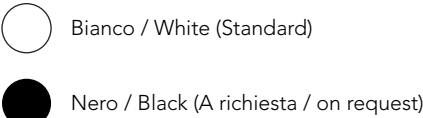


Scelta colore grid / Grid colour selection



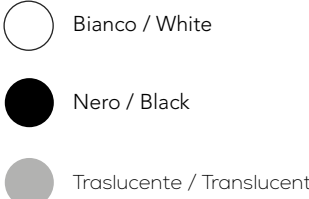
CORPO / BODY

Colori disponibili / Available colours



GRID

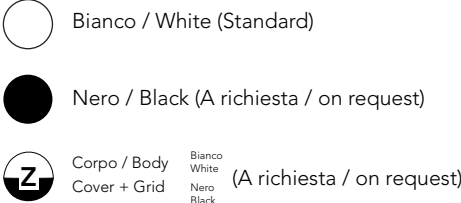
Colori disponibili / Available colours



I valori di flusso netto cambiano in base al colore della griglia
The net luminous flux values change based on the grid color.

COVER

Colori disponibili / Available colours



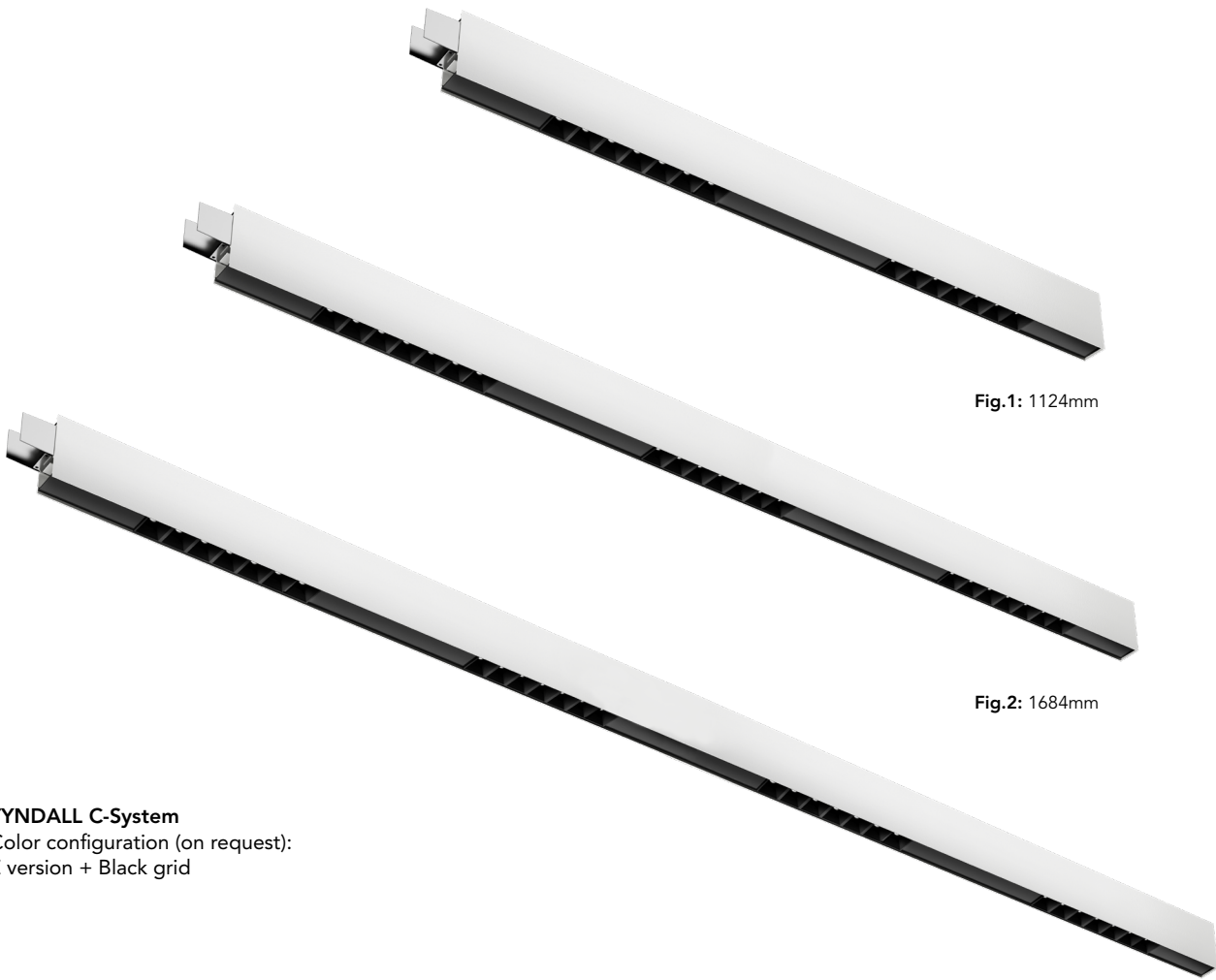


Fig.1: 1124mm

Fig.2: 1684mm

Fig.3: 2244mm

TYNDALL C-System
Color configuration (on request):
Z version + Black grid

ACCESSORI / ACCESSORIES

CODICE Code	DESCRIZIONE Description	PESO NETTO Net weight(Kg)
965000.025	Kit sospensione 2,5mt per Tyndall/Nimbus Suspension kit 2,5mt for Tyndall/Nimbus	0,29
965001.000	Kit tappi laterale Tyndall/Nimbus Tyndall/Nimbus side caps kit (2pcs)	0,29
652001.203	Modulo cieco 112cm + C/p 3x1,5mm² Blind module 112cm + T/w 3x1,5mm²	2,10
652001.205	Modulo cieco 112cm + C/p 5x1,5mm² Blind module 112cm + T/w 5x1,5mm²	2,10
652001.207	Modulo cieco 112cm + C/p 7x1,5mm² Blind module 112cm + T/w 7x1,5mm²	2,10
965001.003	Rosone + cavo alimentazione L= 2,5m 3p Ceiling base + power supply cable L=2,5m 3p (versione / version ON-OFF)	0,30
965001.005	Rosone + cavo alimentazione L= 2,5m 5p Ceiling base + power supply cable L=2,5m 5p (versione / version DALI-Emergency)	0,30
965001.007	Rosone + cavo alimentazione L= 2,5m 7p Ceiling base + power supply cable L=2,5m 7p (versione / version DALI+Emergency)	0,30
652001.903	Raccordo cieco 90° 3poli 3poles, 90° blind corner joint	
652001.905	Raccordo cieco 90° 5poli 5poles, 90° blind corner joint	
652001.907	Raccordo cieco 90° 7poli 7poles, 90° blind corner joint	
652001.913	Raccordo cieco 90° 3poli 3poles, 90° blind corner joint Start Module - Closed shape Figura chiusa	
652001.915	Raccordo cieco 90° 5poli 5poles, 90° blind corner joint Start Module - Closed shape Figura chiusa	
652001.917	Raccordo cieco 90° 7poli 7poles, 90° blind corner joint Start Module - Closed shape Figura chiusa	
990000.102	Interruttore BLUETOOTH® Wireless Casambi Xpress Casambi Xpress Wireless BLUETOOTH® switch	0,72
990000.009	Sensore di movimento e luminosità da incasso , Stand Alone, CASAMBI Recessed Motion and daylight sensor, CASAMBI	0,25
990000.016	Sensore di movimento e luminosità per installazione sporgente , Stand Alone, CASAMBI Surface installation , motion and daylight sensor, Stand Alone, CASAMBI	0,25
990000.008	Sensore di movimento/presenza e luminosità, Stand Alone/Cablato Motion and light sensor, Stand Alone/Wired	
990000.013	Sensore di movimento Max h.3mt, Stand Alone/Cablato - ON/OFF Stand alone, ON/OFF wired motion sensor	
990000.104	Cover esterna per Sensore stand alone, installazione a soffitto Surface frame for stand alone Sensor, surface mounted installation	
990000.105	Box per Sensore stand alone, installazione ad incasso Box for stand alone Sensor, recessed installation	
990000.103	Telecomando Universale per Sensori Stand Alone - ON/OFF, DALI Universal Remote Controller for stand alone Sensors	
900000.003	SPD 12kV Integrato con spia segnalazione di malfunzionamento SPD 12kV Embedded with malfunction warning light	0,34



CODIFICA / CODING

Per maggiori informazioni sulla nuova codifica, fare riferimento alle pagine 394-399.
For more information on the new coding, please refer to pages 394-399.

Art. +	Optic + Ottica	Wiring options + Opzioni di cablaggio integrate	CRI & °K + CRI e °Temperatura LED	Body colour + Colore corpo	No.Modules + Numero moduli	W Potenza
652	90*	01=ON OFF *	830	W. *	2	014
653	65	02=Emergency 1h	840	B	3	018
660		03=Emergency 3h	850	Z	4	020
661		05=Driver DALI	930			021
		06=Driver DALI + Emergency 1h	940*			026
		07=Driver DALI + Emergency 3h	950			027
		14=Driver CASAMBI				029
		15=Driver CASAMBI + Emergency 1h				030
		16=Driver CASAMBI + Emergency 3h				035
		61=Double switch pass-through				040
		63=Double switch + Emergency 1h				042
		64=Double switch + Emergency 3h				052
		65=Double switch + DALI				
		66=Double switch + DALI + Emergency 1h				
		67=Double switch + DALI + Emergency 3h				

+

GRID selezionata / selected GRID

* Standard version

ATTENZIONE / ATTENTION

Kit Emergenza 3h + DALI disponibile solo per versione 168cm / 3h Emergency kit + DALI available only for 168cm version.

990000.008 Richiede **DALI**, altezza massima 3mt, massimo 50pz / **Requires DALI driver**, max height 3mt, max 50pcs

990000.009 Applicabile con [Configurazione Casambi](#) / Applicable to [Casambi Configuration](#). Altezza massima 3mt / Max height 3mt

990000.016 Applicabile con [Configurazione Casambi](#) / Applicable to [Casambi Configuration](#). Altezza massima 3mt / Max height 3mt

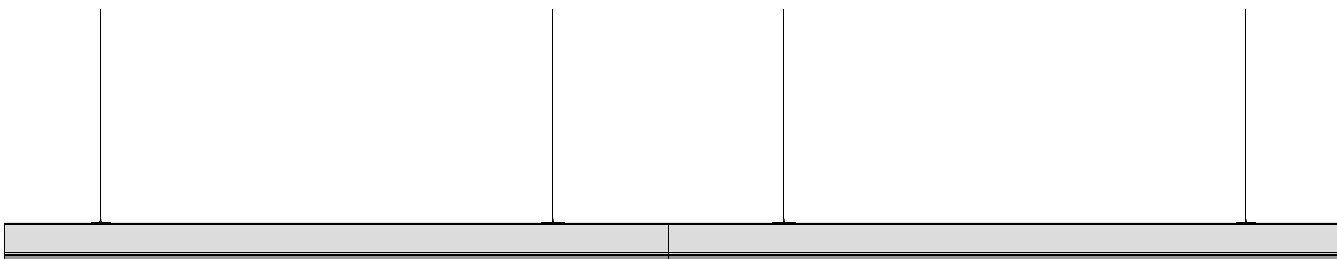
990000.013 Altezza massima 3mt, carico massimo 400W / Max height 3mt, max 400W load

990000.104 Applicabile a / Applicable to 990000.008 and 990000.013

990000.105 Applicabile a / Applicable to 990000.008 and 990000.013

Per il controllo dei sensori **990000.008** o **990000.013** è necessario utilizzare l'accessorio **990000.103**. It is necessary to use accessory **990000.103** to control the sensors **990000.008** or **990000.013**.

COMPONENTI / COMPONENTS



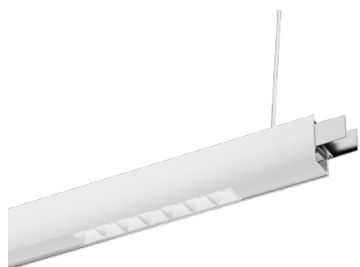
Kit sospensione composto da:
 -2 tiranti in acciaio L=2,5m
 -2 clips regola fune
 -2 cilindri conici di attacco
 -2 nipples
 Suspension kit composed of:
 -2 steel tie-rods L=2,5m
 -2 crimp clips
 -2 conical ceiling attachment
 -2 nipples

965000.025



Rosone + cavo alimentazione L= 2,5m
 Ceiling base + power supply cable L=2,5m

3p: 965001.003 (ON-OFF)
 5p: 965001.005 (DALI - Emergency)
 7p: 965001.007 (DALI + Emergency)



STAR MODULES
 precabato per un'installazione immediata /
 pre-wired for immediate installation.



Kit 2 tappi laterale Tyndall /Nimbus
 Tyndall/Nimbus 2pcs side caps kit

965001.000



Raccordo cieco 90°
 90° blind corner joint

3p: 652001.903
 5p: 652001.905
 7p: 652001.907



Raccordo cieco 90° Start module
 (Figura chiusa)
 90° blind corner joint Start module
 (Closed shape)

3p: 652001.913
 5p: 652001.915
 7p: 652001.917

Figura aperta disponibile a richiesta
 Open shape available on request

COMPOSIZIONE FILA CONTINUA / CONTINUOUS ROW COMPOSITION

