MINERVA INOX

2052

Apparecchio led stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Corpo costruito in lamiera d'acciaio inox AISI 304, vetro temperato resistente agli urti e agli shock termici, pressacavo in ottone nichelato, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1.

Led IP66 ceiling mounted or suspended fixture. AISI 304 stainless steel body, tempered protection glass, impacts and thermal shocks resistant, nickel-plated brass cable gland, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1.





CARATTERISTICHE / MAIN FEATURES

- Classe I / Class I
- Sospensione / Suspended
- Plafone / Surface
- Fila continua / Continuous row
- Blindosbarra / Busbar
- CRI >80 / CRI >90
- Mac Adams 3
- UGR <25
- IK 08
- IP 65
- 10 kV Surge Protection
- Acciaio inox AISI 304 / Stainless steel AISI 304
- EN / IEC 60598-1
- RG0/RG1
- L90-B10 >60.000 h / L80-B50 >100.000 h
- 7 YEARS WARRANTY

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)			+		W. tot.		+	Options	
2052		DT		3	= 3000°K	(CRI >80)		009	033	049		EL	= on/off
		D5		4	= 4000°K	(CRI >80)		011	034	052		LD	= dali 2 / dali 2 push
		D3		5	= 5000°K	(CRI >80)		013	035	054		D1	= dali 2 + em. 1h
		DA		6	= 6500°K	(CRI >80)		019	036	056		E1	= em. 1h
		DP		9	= 4000°K	(CRI >90)		020	037	059		E3	= em. 3h
								021	039	064		FC	= fila continua / continuous row
								023	042	070		VI	= vetro infrangibile / shatterproof glass
								024	043	080			
								025	044	092			
								028	045	102			
								029	047	112			
								030	048	120			

Δ LUMEN

	°K	CRI	% Lm
3	3000	> 80	-5.15%
4	4000	> 80	standard
5	5000	> 80	+1.46%
6	6500	> 80	0%
9	4000	> 90	-15.08%

DOTAZIONE / STANDARD EQUIPMENT



- Cavo in neoprene H07RN-F 3x1 mm² già cablato, lunghezza 800 mm. / - 800 mm long H07RN-F 3x1 mm² neoprene cable.
- Sistema di fissaggio a plafone o sospensione a clip incluso. / - Surface or suspension clip mounting system.

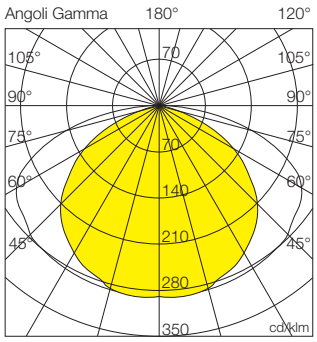


- Pressacavo in ottone nichelato M20. / - M20 nickel-plated brass cable gland.


EPAL

MINERVA INOX

mod.DT





Ottica

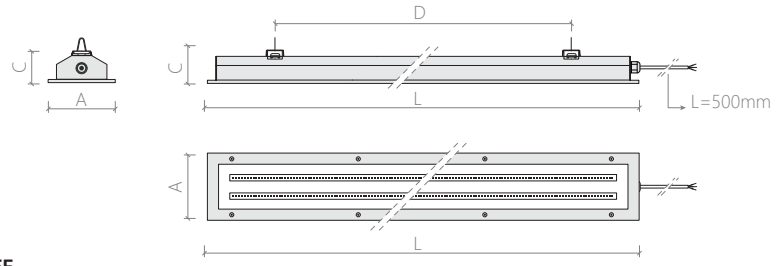
Diffusore in vetro trasparente temperato. Riflettore diffondente 120° in acciaio preverniciato bianco.

Optic

Transparent tempered glass diffuser. 120° wide beam reflector in white pre-painted steel.

DIMENSIONI / DIMENSIONS

	A (mm)	L (mm)	C (mm)	D (mm)	Kg
D1	185	660	75	414	4,3
D2	185	1270	75	874	7,2
D3	185	1570	75	1154	8,7





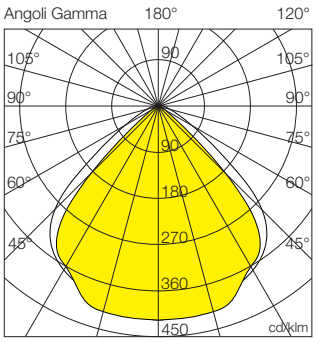
ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
EXAMPLE OF ARTICLE CODING 4000K - CRI>80 - ON/OFF

PRESTAZIONI / PERFORMANCE

Code	W tot.	°K - CRI	Lm OUTPUT	Lm/W	L (mm)	Color
2052DT4009EL	9	4000K - CRI>80	1396	155	660	❍
2052DT4011EL	11	4000K - CRI>80	1670	152	660	❍
2052DT4013EL	13	4000K - CRI>80	2078	160	660	❍
2052DT4019EL	19	4000K - CRI>80	2968	156	660	❍
2052DT4020EL	20	4000K - CRI>80	3189	159	1270	❍
2052DT4021EL	21	4000K - CRI>80	3386	161	660	❍
2052DT4023EL	23	4000K - CRI>80	3499	152	1270	❍
2052DT4024EL	24	4000K - CRI>80	3628	151	1570	❍
2052DT4025EL	25	4000K - CRI>80	4318	173	1570	❍
2052DT4028EL	28	4000K - CRI>80	4412	158	1270	❍
2052DT4029EL	29	4000K - CRI>80	4288	148	660	❍
2052DT4030EL	30	4000K - CRI>80	4520	151	1570	❍
2052DT4033EL	33	4000K - CRI>80	5448	165	1570	❍
2052DT4034EL	34	4000K - CRI>80	5470	161	1570	❍
2052DT4035EL	35	4000K - CRI>80	5837	167	1570	❍
2052DT4036EL	36	4000K - CRI>80	5812	161	1270	❍
2052DT4037EL	37	4000K - CRI>80	5312	144	1570	❍
2052DT4039EL	39	4000K - CRI>80	6378	164	1270	❍
2052DT4042EL	42	4000K - CRI>80	6838	163	1570	❍
2052DT4043EL	43	4000K - CRI>80	6890	160	660	❍
2052DT4044EL	44	4000K - CRI>80	6940	158	1270	❍
2052DT4045EL	45	4000K - CRI>80	7264	161	1570	❍
2052DT4047EL	47	4000K - CRI>80	7972	170	1570	❍
2052DT4048EL	48	4000K - CRI>80	7831	163	1570	❍
2052DT4049EL	49	4000K - CRI>80	8166	167	1270	❍
2052DT4052EL	52	4000K - CRI>80	8394	161	1570	❍
2052DT4054EL	54	4000K - CRI>80	8676	161	1570	❍
2052DT4056EL	56	4000K - CRI>80	8955	160	1570	❍
2052DT4059EL	59	4000K - CRI>80	9374	159	1570	❍
2052DT4064EL	64	4000K - CRI>80	10069	157	1570	❍
2052DT4070EL	70	4000K - CRI>80	10758	154	1570	❍
2052DT4080EL	80	4000K - CRI>80	12803	160	1570	❍
2052DT4092EL	92	4000K - CRI>80	13424	146	1270	❍
2052DT4102EL	102	4000K - CRI>80	15471	152	1570	❍
2052DT4112EL	112	4000K - CRI>80	16780	150	1570	❍
2052DT4120EL	120	4000K - CRI>80	18073	151	1570	❍

MINERVA INOX

mod.D5



UGR<25



Ottica

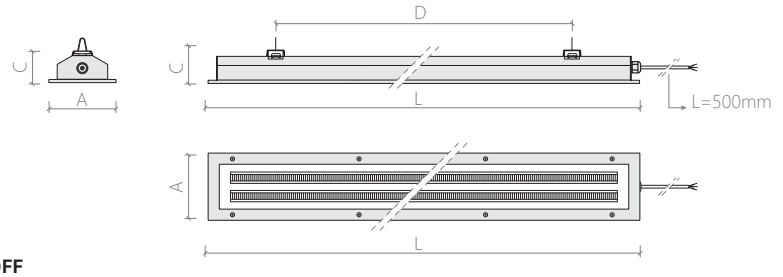
Diffusore in vetro trasparente temperato. Lenti diffondenti 90° in PMMA, antiabbagliamento e antiriflesso.

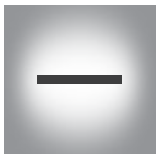
Optic

Transparent tempered glass diffuser. Anti-glare and anti-reflection 90° wide beam PMMA lenses.

DIMENSIONI / DIMENSIONS

	A (mm)	L (mm)	C (mm)	D (mm)	Kg
D1	185	660	75	414	4,3
D2	185	1270	75	874	7,2
D3	185	1570	75	1154	8,7





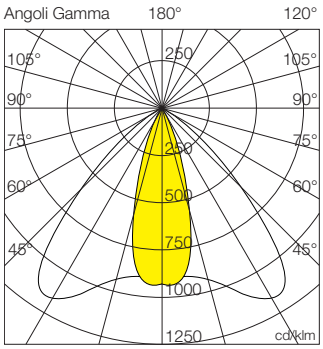
ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
EXAMPLE OF ARTICLE CODING 4000K - CRI>80 - ON/OFF

PRESTAZIONI / PERFORMANCE

Code	W tot.	°K - CRI	Lm OUTPUT	Lm/W	L (mm)	Color
2052D54009EL	9	4000K - CRI>80	1345	149	660	❍
2052D54011EL	11	4000K - CRI>80	1609	146	660	❍
2052D54013EL	13	4000K - CRI>80	2002	154	660	❍
2052D54019EL	19	4000K - CRI>80	2859	150	660	❍
2052D54020EL	20	4000K - CRI>80	3072	154	1270	❍
2052D54021EL	21	4000K - CRI>80	3262	155	660	❍
2052D54023EL	23	4000K - CRI>80	3371	147	1270	❍
2052D54024EL	24	4000K - CRI>80	3495	146	1570	❍
2052D54025EL	25	4000K - CRI>80	4160	166	1570	❍
2052D54028EL	28	4000K - CRI>80	4251	152	1270	❍
2052D54029EL	29	4000K - CRI>80	4131	142	660	❍
2052D54030EL	30	4000K - CRI>80	4354	145	1570	❍
2052D54033EL	33	4000K - CRI>80	5249	159	1570	❍
2052D54034EL	34	4000K - CRI>80	5270	155	1570	❍
2052D54035EL	35	4000K - CRI>80	5623	161	1570	❍
2052D54036EL	36	4000K - CRI>80	5600	156	1270	❍
2052D54037EL	37	4000K - CRI>80	5118	138	1570	❍
2052D54039EL	39	4000K - CRI>80	6145	158	1270	❍
2052D54042EL	42	4000K - CRI>80	6588	157	1570	❍
2052D54043EL	43	4000K - CRI>80	6638	154	660	❍
2052D54044EL	44	4000K - CRI>80	6687	152	1270	❍
2052D54045EL	45	4000K - CRI>80	6999	156	1570	❍
2052D54047EL	47	4000K - CRI>80	7680	163	1570	❍
2052D54048EL	48	4000K - CRI>80	7545	157	1570	❍
2052D54049EL	49	4000K - CRI>80	7867	161	1270	❍
2052D54052EL	52	4000K - CRI>80	8087	156	1570	❍
2052D54054EL	54	4000K - CRI>80	8358	155	1570	❍
2052D54056EL	56	4000K - CRI>80	8628	154	1570	❍
2052D54059EL	59	4000K - CRI>80	9031	153	1570	❍
2052D54064EL	64	4000K - CRI>80	9700	152	1570	❍
2052D54070EL	70	4000K - CRI>80	10365	148	1570	❍
2052D54080EL	80	4000K - CRI>80	12335	154	1570	❍
2052D54092EL	92	4000K - CRI>80	12933	141	1270	❍
2052D54102EL	102	4000K - CRI>80	14905	146	1570	❍
2052D54112EL	112	4000K - CRI>80	16167	144	1570	❍
2052D54120EL	120	4000K - CRI>80	17412	145	1570	❍

MINERVA INOX

mod.D3





Ottica

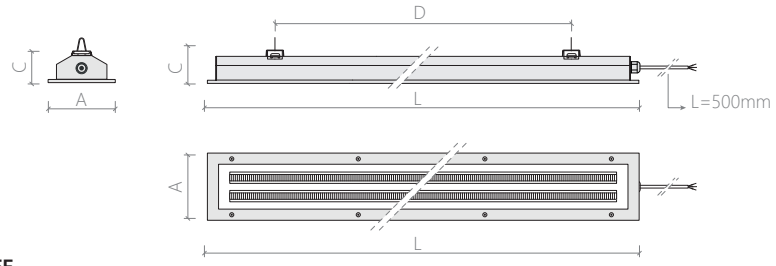
Diffusore in vetro trasparente temperato. Lenti ellittiche 30°/90° in PMMA, antiabbagliamento e antiriflesso.

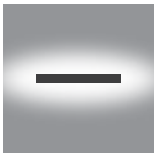
Optic

Transparent tempered glass diffuser. Anti-glare and anti-reflection elliptiacal 30°/90° PMMA lenses.

DIMENSIONI / DIMENSIONS

	A (mm)	L (mm)	C (mm)	D (mm)	Kg
D1	185	660	75	414	4,3
D2	185	1270	75	874	7,2
D3	185	1570	75	1154	8,7





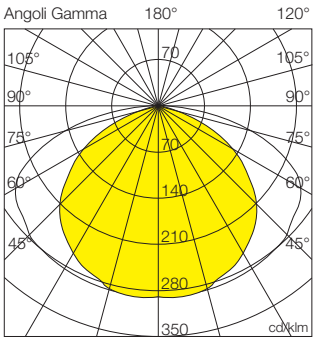
ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
EXAMPLE OF ARTICLE CODING 4000K - CRI>80 - ON/OFF

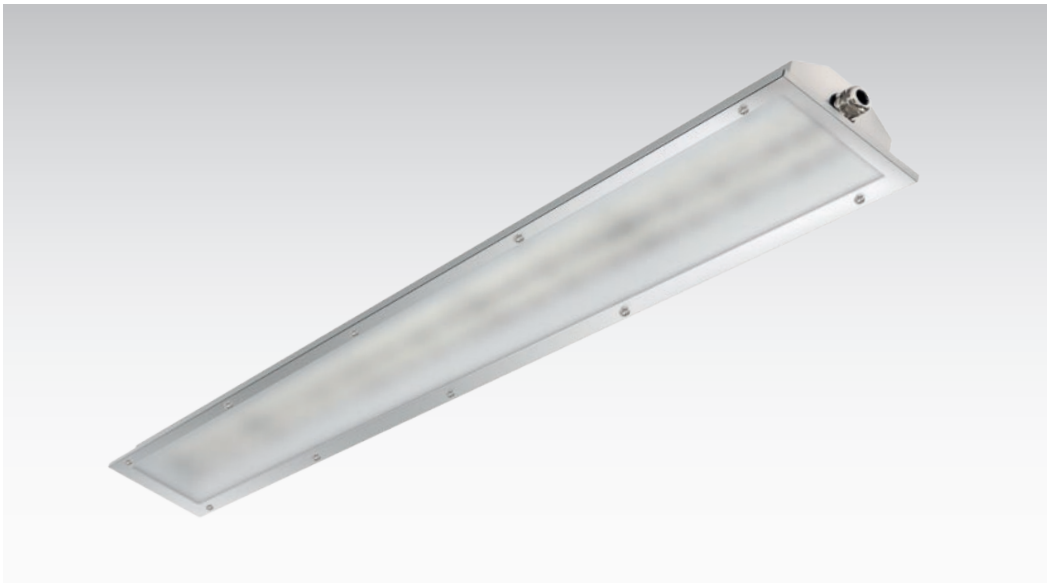
PRESTAZIONI / PERFORMANCE

Code	W tot.	°K - CRI	Lm OUTPUT	Lm/W	L (mm)	Color
2052D34009EL	9	4000K - CRI>80	1367	152	660	❍
2052D34011EL	11	4000K - CRI>80	1636	149	660	❍
2052D34013EL	13	4000K - CRI>80	2035	157	660	❍
2052D34019EL	19	4000K - CRI>80	2906	153	660	❍
2052D34020EL	20	4000K - CRI>80	3123	156	1270	❍
2052D34021EL	21	4000K - CRI>80	3316	158	660	❍
2052D34023EL	23	4000K - CRI>80	3426	149	1270	❍
2052D34024EL	24	4000K - CRI>80	3552	148	1570	❍
2052D34025EL	25	4000K - CRI>80	4229	169	1570	❍
2052D34028EL	28	4000K - CRI>80	4321	154	1270	❍
2052D34029EL	29	4000K - CRI>80	4199	145	660	❍
2052D34030EL	30	4000K - CRI>80	4426	148	1570	❍
2052D34033EL	33	4000K - CRI>80	5335	162	1570	❍
2052D34034EL	34	4000K - CRI>80	5357	158	1570	❍
2052D34035EL	35	4000K - CRI>80	5716	163	1570	❍
2052D34036EL	36	4000K - CRI>80	5692	158	1270	❍
2052D34037EL	37	4000K - CRI>80	5202	141	1570	❍
2052D34039EL	39	4000K - CRI>80	6246	160	1270	❍
2052D34042EL	42	4000K - CRI>80	6696	159	1570	❍
2052D34043EL	43	4000K - CRI>80	6747	157	660	❍
2052D34044EL	44	4000K - CRI>80	6797	154	1270	❍
2052D34045EL	45	4000K - CRI>80	7114	158	1570	❍
2052D34047EL	47	4000K - CRI>80	7807	166	1570	❍
2052D34048EL	48	4000K - CRI>80	7669	160	1570	❍
2052D34049EL	49	4000K - CRI>80	7996	163	1270	❍
2052D34052EL	52	4000K - CRI>80	8220	158	1570	❍
2052D34054EL	54	4000K - CRI>80	8496	157	1570	❍
2052D34056EL	56	4000K - CRI>80	8770	157	1570	❍
2052D34059EL	59	4000K - CRI>80	9180	156	1570	❍
2052D34064EL	64	4000K - CRI>80	9860	154	1570	❍
2052D34070EL	70	4000K - CRI>80	10535	151	1570	❍
2052D34080EL	80	4000K - CRI>80	12538	157	1570	❍
2052D34092EL	92	4000K - CRI>80	13146	143	1270	❍
2052D34102EL	102	4000K - CRI>80	15150	149	1570	❍
2052D34112EL	112	4000K - CRI>80	16433	147	1570	❍
2052D34120EL	120	4000K - CRI>80	17698	147	1570	❍

MINERVA INOX

mod.DA





Ottica

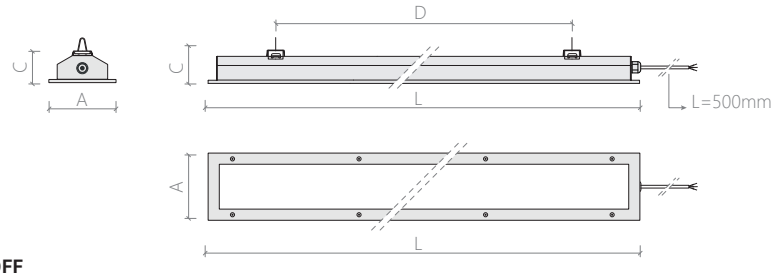
Diffusore antiabbagliamento e antiriflesso in vetro acidato temperato. Riflettore diffondente 120° in acciaio preverniciato bianco.

Optic

Anti-glare and anti-reflection etched tempered glass diffuser. 120° wide beam reflector in white pre-painted steel.

DIMENSIONI / DIMENSIONS

	A (mm)	L (mm)	C (mm)	D (mm)	Kg
D1	185	660	75	414	4,3
D2	185	1270	75	874	7,2
D3	185	1570	75	1154	8,7





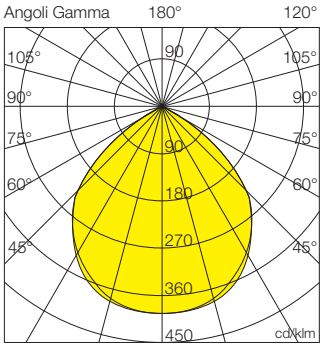
ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
EXAMPLE OF ARTICLE CODING 4000K - CRI>80 - ON/OFF

PRESTAZIONI / PERFORMANCE

Code	W tot.	°K - CRI	Lm OUTPUT	Lm/W	L (mm)	Color
2052DA4009EL	9	4000K - CRI>80	1191	132	660	❍
2052DA4011EL	11	4000K - CRI>80	1426	130	660	❍
2052DA4013EL	13	4000K - CRI>80	1774	136	660	❍
2052DA4019EL	19	4000K - CRI>80	2533	133	660	❍
2052DA4020EL	20	4000K - CRI>80	2722	136	1270	❍
2052DA4021EL	21	4000K - CRI>80	2890	138	660	❍
2052DA4023EL	23	4000K - CRI>80	2987	130	1270	❍
2052DA4024EL	24	4000K - CRI>80	3097	129	1570	❍
2052DA4025EL	25	4000K - CRI>80	3686	147	1570	❍
2052DA4028EL	28	4000K - CRI>80	3767	135	1270	❍
2052DA4029EL	29	4000K - CRI>80	3660	126	660	❍
2052DA4030EL	30	4000K - CRI>80	3858	129	1570	❍
2052DA4033EL	33	4000K - CRI>80	4651	141	1570	❍
2052DA4034EL	34	4000K - CRI>80	4670	137	1570	❍
2052DA4035EL	35	4000K - CRI>80	4983	142	1570	❍
2052DA4036EL	36	4000K - CRI>80	4962	138	1270	❍
2052DA4037EL	37	4000K - CRI>80	4535	123	1570	❍
2052DA4039EL	39	4000K - CRI>80	5445	140	1270	❍
2052DA4042EL	42	4000K - CRI>80	5837	139	1570	❍
2052DA4043EL	43	4000K - CRI>80	5881	137	660	❍
2052DA4044EL	44	4000K - CRI>80	5925	135	1270	❍
2052DA4045EL	45	4000K - CRI>80	6201	138	1570	❍
2052DA4047EL	47	4000K - CRI>80	6805	145	1570	❍
2052DA4048EL	48	4000K - CRI>80	6685	139	1570	❍
2052DA4049EL	49	4000K - CRI>80	6971	142	1270	❍
2052DA4052EL	52	4000K - CRI>80	7166	138	1570	❍
2052DA4054EL	54	4000K - CRI>80	7406	137	1570	❍
2052DA4056EL	56	4000K - CRI>80	7645	137	1570	❍
2052DA4059EL	59	4000K - CRI>80	8002	136	1570	❍
2052DA4064EL	64	4000K - CRI>80	8595	134	1570	❍
2052DA4070EL	70	4000K - CRI>80	9184	131	1570	❍
2052DA4080EL	80	4000K - CRI>80	10930	137	1570	❍
2052DA4092EL	92	4000K - CRI>80	11460	125	1270	❍
2052DA4102EL	102	4000K - CRI>80	13207	129	1570	❍
2052DA4112EL	112	4000K - CRI>80	14325	128	1570	❍
2052DA4120EL	120	4000K - CRI>80	15428	129	1570	❍

MINERVA INOX

mod.DP



UGR<25



Ottica

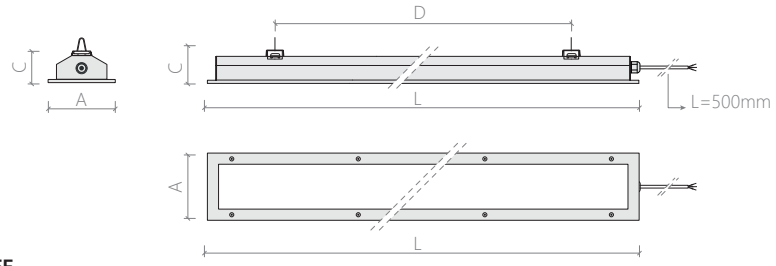
Diffusore in policarbonato microprismatico antiabbagliamento e antiriflesso. Riflettore diffondente 90° in acciaio preverniciato bianco.

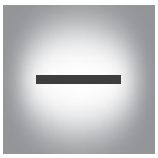
Optic

Anti-glare and anti-reflection microprismatic polycarbonate diffuser. 90° wide beam reflector in white pre-painted steel.

DIMENSIONI / DIMENSIONS

	A (mm)	L (mm)	C (mm)	D (mm)	Kg
D1	185	660	75	414	4,3
D2	185	1270	75	874	7,2
D3	185	1570	75	1154	8,7





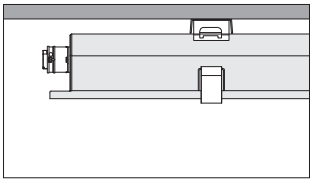
ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
EXAMPLE OF ARTICLE CODING 4000K - CRI>80 - ON/OFF

PRESTAZIONI / PERFORMANCE

Code	W tot.	°K - CRI	Lm OUTPUT	Lm/W	L (mm)	Color
2052DP4009EL	9	4000K - CRI>80	1277	142	660	❍
2052DP4011EL	11	4000K - CRI>80	1528	139	660	❍
2052DP4013EL	13	4000K - CRI>80	1901	146	660	❍
2052DP4019EL	19	4000K - CRI>80	2714	143	660	❍
2052DP4020EL	20	4000K - CRI>80	2917	146	1270	❍
2052DP4021EL	21	4000K - CRI>80	3097	147	660	❍
2052DP4023EL	23	4000K - CRI>80	3200	139	1270	❍
2052DP4024EL	24	4000K - CRI>80	3318	138	1570	❍
2052DP4025EL	25	4000K - CRI>80	3950	158	1570	❍
2052DP4028EL	28	4000K - CRI>80	4036	144	1270	❍
2052DP4029EL	29	4000K - CRI>80	3922	135	660	❍
2052DP4030EL	30	4000K - CRI>80	4134	138	1570	❍
2052DP4033EL	33	4000K - CRI>80	4983	151	1570	❍
2052DP4034EL	34	4000K - CRI>80	5003	147	1570	❍
2052DP4035EL	35	4000K - CRI>80	5339	153	1570	❍
2052DP4036EL	36	4000K - CRI>80	5316	148	1270	❍
2052DP4037EL	37	4000K - CRI>80	4859	131	1570	❍
2052DP4039EL	39	4000K - CRI>80	5834	150	1270	❍
2052DP4042EL	42	4000K - CRI>80	6254	149	1570	❍
2052DP4043EL	43	4000K - CRI>80	6302	147	660	❍
2052DP4044EL	44	4000K - CRI>80	6348	144	1270	❍
2052DP4045EL	45	4000K - CRI>80	6644	148	1570	❍
2052DP4047EL	47	4000K - CRI>80	7292	155	1570	❍
2052DP4048EL	48	4000K - CRI>80	7163	149	1570	❍
2052DP4049EL	49	4000K - CRI>80	7469	152	1270	❍
2052DP4052EL	52	4000K - CRI>80	7678	148	1570	❍
2052DP4054EL	54	4000K - CRI>80	7935	147	1570	❍
2052DP4056EL	56	4000K - CRI>80	8191	146	1570	❍
2052DP4059EL	59	4000K - CRI>80	8574	145	1570	❍
2052DP4064EL	64	4000K - CRI>80	9209	144	1570	❍
2052DP4070EL	70	4000K - CRI>80	9840	141	1570	❍
2052DP4080EL	80	4000K - CRI>80	11711	146	1570	❍
2052DP4092EL	92	4000K - CRI>80	12278	133	1270	❍
2052DP4102EL	102	4000K - CRI>80	14150	139	1570	❍
2052DP4112EL	112	4000K - CRI>80	15348	137	1570	❍
2052DP4120EL	120	4000K - CRI>80	16530	138	1570	❍

INSTALLAZIONE / INSTALLATION

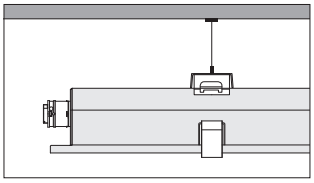
Installazione a plafone
Surface mounting installation



Apparecchio adatto per installazione a plafone.

Surface mounting installation.

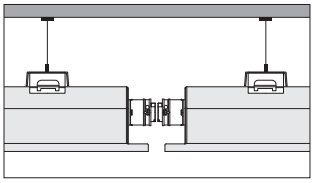
Installazione a sospensione
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

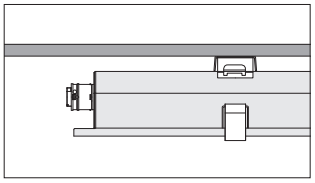
Installazione in fila continua
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC).

Continuous row installation (FC option).

Installazione a blindosbarra
Busbar installation



Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC230



ACC231

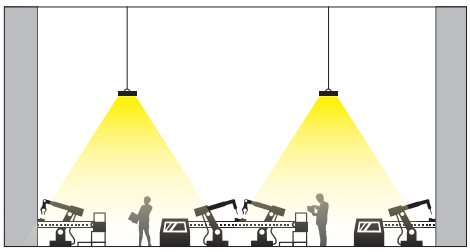
ACC019 Sensore di luminosità e presenza per apparecchi industriali DALI.
Light and motion sensor for industrial DALI fittings.

ACC036 Telecomando per sensori industriali (opzionale).
Remote control for industrial sensors (optional).

ACC230 Sensore di luminosità e presenza bluetooth per apparecchi industriali DALI-CASAMBI.
Light and motion bluetooth sensor for industrial DALI-CASAMBI fittings.

ACC231 Nodo Bluetooth CASAMBI per apparecchi industriali DALI.
Bluetooth CASAMBI node for DALI industrial fittings.

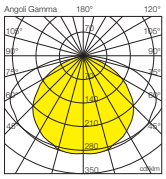
APPLICAZIONI / APPLICATION



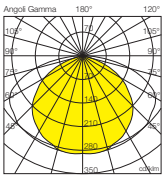
Utilizzo dell'ottica extra diffondente per l'illuminazione di un'area di lavoro con installazione tra i 5 e i 9 metri.

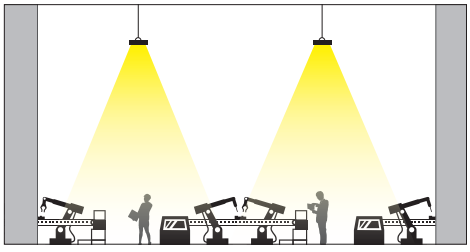
Wide beam fixture used in a large work area up to 5/9 meter height.

Mod. DT



Mod. DA

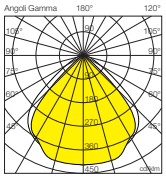




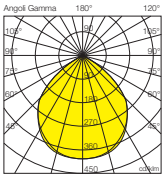
Utilizzo dell'ottica media per l'illuminazione di un'area di lavoro con installazione elevata.

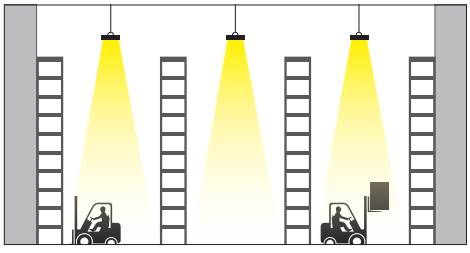
Medium beam fixture used in work areas with high height.

Mod. D5



Mod. DP





Utilizzo di un'ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within aisles.

Mod. D3

