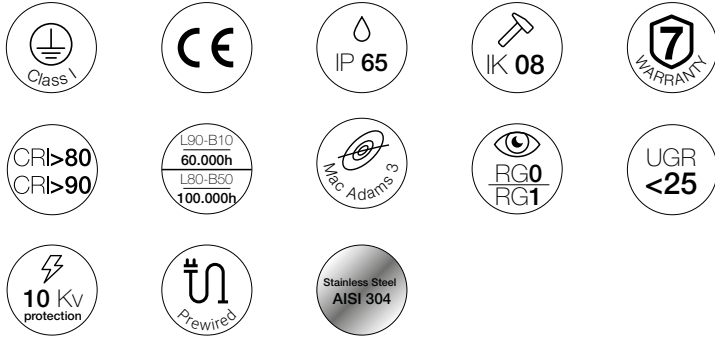


MINERVA INOX

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



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.
- Sistema di fissaggio a plafone o sospensione a clip incluso.
- Pressacavo in ottone nichelato M20.
- 800 mm long H07RN-F 3x1 mm² neoprene cable.
- Surface or suspension clip mounting system.
- M20 nickel-plated brass cable gland.

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 node for DALI industrial fixtures.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione a plafone.

Surface mounting installation.

Apparecchio adatto per installazione a sospensione.

Suspended installation.

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

Continuous row installation (FC option).

Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

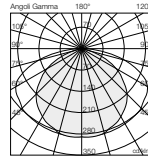
Mod. DT

Ottica

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

Corpo

Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura acciaio inox.

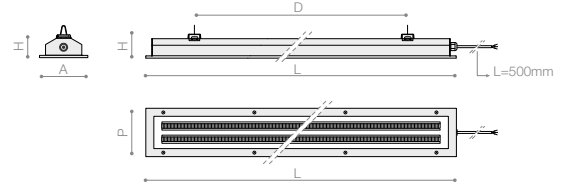


Optic

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

Body

Steel body, painted with epoxypolyester powders silver color, with phosphate and degreasing pretreatment, stainless steel locking clips.



ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI>80 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052DT4009EL	9	4000	≥80	1396	660 x 185 x 75	2052DT4042EL	42	4000	≥80	6838	1570 x 185 x 75
2052DT4011EL	11	4000	≥80	1670	660 x 185 x 75	2052DT4043EL	43	4000	≥80	6890	660 x 185 x 75
2052DT4013EL	13	4000	≥80	2078	660 x 185 x 75	2052DT4044EL	44	4000	≥80	6940	1270 x 185 x 75
2052DT4019EL	19	4000	≥80	2968	660 x 185 x 75	2052DT4045EL	45	4000	≥80	7264	1570 x 185 x 75
2052DT4020EL	20	4000	≥80	3189	1270 x 185 x 75	2052DT4047EL	47	4000	≥80	7972	1570 x 185 x 75
2052DT4021EL	21	4000	≥80	3386	660 x 185 x 75	2052DT4048EL	48	4000	≥80	7831	1570 x 185 x 75
2052DT4023EL	23	4000	≥80	3499	1270 x 185 x 75	2052DT4049EL	49	4000	≥80	8166	1270 x 185 x 75
2052DT4024EL	24	4000	≥80	3628	185 x 1570 x 75	2052DT4052EL	52	4000	≥80	8394	1570 x 185 x 75
2052DT4025EL	25	4000	≥80	4318	1570 x 185 x 75	2052DT4054EL	54	4000	≥80	8676	1570 x 185 x 75
2052DT4028EL	28	4000	≥80	4412	1270 x 185 x 75	2052DT4056EL	56	4000	≥80	8955	1570 x 185 x 75
2052DT4029EL	29	4000	≥80	4288	660 x 185 x 75	2052DT4059EL	59	4000	≥80	9374	1570 x 185 x 75
2052DT4030EL	30	4000	≥80	4520	1570 x 185 x 75	2052DT4064EL	64	4000	≥80	10069	1570 x 185 x 75
2052DT4033EL	33	4000	≥80	5448	1570 x 185 x 75	2052DT4070EL	70	4000	≥80	10758	1570 x 185 x 75
2052DT4034EL	34	4000	≥80	5470	1570 x 185 x 75	2052DT4080EL	80	4000	≥80	12803	1570 x 185 x 75
2052DT4035EL	35	4000	≥80	5837	1570 x 185 x 75	2052DT4092EL	92	4000	≥80	13424	1270 x 185 x 75
2052DT4036EL	36	4000	≥80	5812	1270 x 185 x 75	2052DT4102EL	102	4000	≥80	15471	1570 x 185 x 75
2052DT4037EL	37	4000	≥80	5312	1570 x 185 x 75	2052DT4112EL	112	4000	≥80	16780	1570 x 185 x 75
2052DT4039EL	39	4000	≥80	6378	1270 x 185 x 75	2052DT4120EL	120	4000	≥80	18073	1570 x 185 x 75

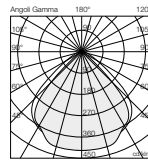
Mod. D5

Ottica

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

Corpo

Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura acciaio inox.



UGR<25

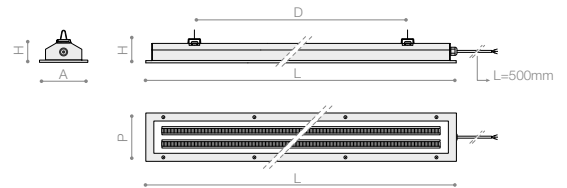


Optic

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

Body

Steel body, painted with epoxypolyester powders silver color, with phosphate and degreasing pretreatment, stainless steel locking clips.



ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI>80 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052D54009EL	9	4000	≥80	1345	660 x 185 x 75	2052D54042EL	42	4000	≥80	6588	1570 x 185 x 75
2052D54011EL	11	4000	≥80	1609	660 x 185 x 75	2052D54043EL	43	4000	≥80	6638	660 x 185 x 75
2052D54013EL	13	4000	≥80	2002	660 x 185 x 75	2052D54044EL	44	4000	≥80	6687	1270 x 185 x 75
2052D54019EL	19	4000	≥80	2859	660 x 185 x 75	2052D54045EL	45	4000	≥80	6999	1570 x 185 x 75
2052D54020EL	20	4000	≥80	3072	1270 x 185 x 75	2052D54047EL	47	4000	≥80	7680	1570 x 185 x 75
2052D54021EL	21	4000	≥80	3262	660 x 185 x 75	2052D54048EL	48	4000	≥80	7545	1570 x 185 x 75
2052D54023EL	23	4000	≥80	3371	1270 x 185 x 75	2052D54049EL	49	4000	≥80	7867	1270 x 185 x 75
2052D54024EL	24	4000	≥80	3495	185 x 1570 x 75	2052D54052EL	52	4000	≥80	8087	1570 x 185 x 75
2052D54025EL	25	4000	≥80	4160	1570 x 185 x 75	2052D54054EL	54	4000	≥80	8358	1570 x 185 x 75
2052D54028EL	28	4000	≥80	4251	1270 x 185 x 75	2052D54056EL	56	4000	≥80	8628	1570 x 185 x 75
2052D54029EL	29	4000	≥80	4131	660 x 185 x 75	2052D54059EL	59	4000	≥80	9031	1570 x 185 x 75
2052D54030EL	30	4000	≥80	4354	1570 x 185 x 75	2052D54064EL	64	4000	≥80	9700	1570 x 185 x 75
2052D54033EL	33	4000	≥80	5249	1570 x 185 x 75	2052D54070EL	70	4000	≥80	10365	1570 x 185 x 75
2052D54034EL	34	4000	≥80	5270	1570 x 185 x 75	2052D54080EL	80	4000	≥80	12335	1570 x 185 x 75
2052D54035EL	35	4000	≥80	5623	1570 x 185 x 75	2052D54092EL	92	4000	≥80	12933	1270 x 185 x 75
2052D54036EL	36	4000	≥80	5600	1270 x 185 x 75	2052D54102EL	102	4000	≥80	14905	1570 x 185 x 75
2052D54037EL	37	4000	≥80	5118	1570 x 185 x 75	2052D54112EL	112	4000	≥80	16167	1570 x 185 x 75
2052D54039EL	39	4000	≥80	6145	1270 x 185 x 75	2052D54120EL	120	4000	≥80	17412	1570 x 185 x 75

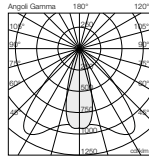
Mod. D3

Ottica

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

Corpo

Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura acciaio inox.

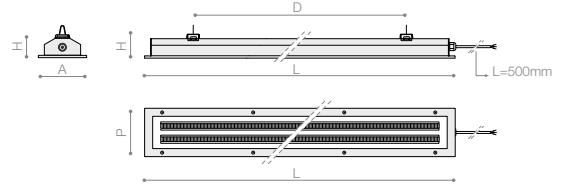


Optic

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

Body

Steel body, painted with epoxy polyester powders silver color, with phosphate and degreasing pretreatment, stainless steel locking clips.



ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF

E.G. ARTICLE REFERENCE 4000K - CRI>80 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052D34009EL	9	4000	≥80	1367	660 x 185 x 75
2052D34011EL	11	4000	≥80	1636	660 x 185 x 75
2052D34013EL	13	4000	≥80	2035	660 x 185 x 75
2052D34019EL	19	4000	≥80	2906	660 x 185 x 75
2052D34020EL	20	4000	≥80	3123	1270 x 185 x 75
2052D34021EL	21	4000	≥80	3316	660 x 185 x 75
2052D34023EL	23	4000	≥80	3426	1270 x 185 x 75
2052D34024EL	24	4000	≥80	3552	185 x 1570 x 75
2052D34025EL	25	4000	≥80	4229	1570 x 185 x 75
2052D34028EL	28	4000	≥80	4321	1270 x 185 x 75
2052D34029EL	29	4000	≥80	4199	660 x 185 x 75
2052D34030EL	30	4000	≥80	4426	1570 x 185 x 75
2052D34033EL	33	4000	≥80	5335	1570 x 185 x 75
2052D34034EL	34	4000	≥80	5357	1570 x 185 x 75
2052D34035EL	35	4000	≥80	5716	1570 x 185 x 75
2052D34036EL	36	4000	≥80	5692	1270 x 185 x 75
2052D34037EL	37	4000	≥80	5202	1570 x 185 x 75
2052D34039EL	39	4000	≥80	6246	1270 x 185 x 75

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052D34042EL	42	4000	≥80	6696	1570 x 185 x 75
2052D34043EL	43	4000	≥80	6747	660 x 185 x 75
2052D34044EL	44	4000	≥80	6797	1270 x 185 x 75
2052D34045EL	45	4000	≥80	7114	1570 x 185 x 75
2052D34047EL	47	4000	≥80	7807	1570 x 185 x 75
2052D34048EL	48	4000	≥80	7669	1570 x 185 x 75
2052D34049EL	49	4000	≥80	7996	1270 x 185 x 75
2052D34052EL	52	4000	≥80	8220	1570 x 185 x 75
2052D34054EL	54	4000	≥80	8496	1570 x 185 x 75
2052D34056EL	56	4000	≥80	8770	1570 x 185 x 75
2052D34059EL	59	4000	≥80	9180	1570 x 185 x 75
2052D34064EL	64	4000	≥80	9860	1570 x 185 x 75
2052D34070EL	70	4000	≥80	10535	1570 x 185 x 75
2052D34080EL	80	4000	≥80	12538	1570 x 185 x 75
2052D34092EL	92	4000	≥80	13146	1270 x 185 x 75
2052D34102EL	102	4000	≥80	15150	1570 x 185 x 75
2052D34112EL	112	4000	≥80	16433	1570 x 185 x 75
2052D34120EL	120	4000	≥80	17698	1570 x 185 x 75

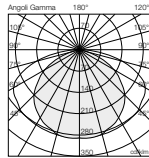
Mod. DA

Ottica

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

Corpo

Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura acciaio inox.

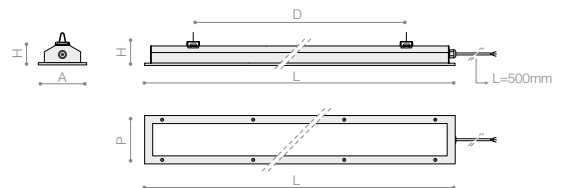


Optic

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

Body

Steel body, painted with epoxy polyester powders silver color, with phosphate and degreasing pretreatment, stainless steel locking clips.



ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF

E.G. ARTICLE REFERENCE 4000K - CRI>80 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052DA4009EL	9	4000	≥80	1191	660 x 185 x 75
2052DA4011EL	11	4000	≥80	1426	660 x 185 x 75
2052DA4013EL	13	4000	≥80	1774	660 x 185 x 75
2052DA4019EL	19	4000	≥80	2533	660 x 185 x 75
2052DA4020EL	20	4000	≥80	2722	1270 x 185 x 75
2052DA4021EL	21	4000	≥80	2890	660 x 185 x 75
2052DA4023EL	23	4000	≥80	2987	1270 x 185 x 75
2052DA4024EL	24	4000	≥80	3097	185 x 1570 x 75
2052DA4025EL	25	4000	≥80	3686	1570 x 185 x 75
2052DA4028EL	28	4000	≥80	3767	1270 x 185 x 75
2052DA4029EL	29	4000	≥80	3660	660 x 185 x 75
2052DA4030EL	30	4000	≥80	3858	1570 x 185 x 75
2052DA4033EL	33	4000	≥80	4651	1570 x 185 x 75
2052DA4034EL	34	4000	≥80	4670	1570 x 185 x 75
2052DA4035EL	35	4000	≥80	4983	1570 x 185 x 75
2052DA4036EL	36	4000	≥80	4962	1270 x 185 x 75
2052DA4037EL	37	4000	≥80	4535	1570 x 185 x 75
2052DA4039EL	39	4000	≥80	5445	1270 x 185 x 75

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052DA4042EL	42	4000	≥80	5837	1570 x 185 x 75
2052DA4043EL	43	4000	≥80	5881	660 x 185 x 75
2052DA4044EL	44	4000	≥80	5925	1270 x 185 x 75
2052DA4045EL	45	4000	≥80	6201	1570 x 185 x 75
2052DA4047EL	47	4000	≥80	6805	1570 x 185 x 75
2052DA4048EL	48	4000	≥80	6685	1570 x 185 x 75
2052DA4049EL	49	4000	≥80	6971	1270 x 185 x 75
2052DA4052EL	52	4000	≥80	7166	1570 x 185 x 75
2052DA4054EL	54	4000	≥80	7406	1570 x 185 x 75
2052DA4056EL	56	4000	≥80	7645	1570 x 185 x 75
2052DA4059EL	59	4000	≥80	8002	1570 x 185 x 75
2052DA4064EL	64	4000	≥80	8595	1570 x 185 x 75
2052DA4070EL	70	4000	≥80	9184	1570 x 185 x 75
2052DA4080EL	80	4000	≥80	10930	1570 x 185 x 75
2052DA4092EL	92	4000	≥80	11460	1270 x 185 x 75
2052DA4102EL	102	4000	≥80	13207	1570 x 185 x 75
2052DA4112EL	112	4000	≥80	14325	1570 x 185 x 75
2052DA4120EL	120	4000	≥80	15428	1570 x 185 x 75

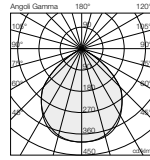
Mod. DP

Ottica

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

Corpo

Costruito in lamiera d'acciaio, verniciato con polveri in epossipoliestere di colore silver, con pretrattamento di fosfatazione e sgrassaggio, clips di chiusura acciaio inox.



UGR<25

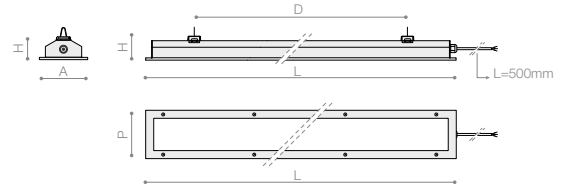


Optic

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

Body

Steel body, painted with epoxy polyester powders silver color, with phosphate and degreasing pretreatment, stainless steel locking clips.



ESEMPIO CODIFICA CODICE 4000K - CRI>80 - ON/OFF

E.G. ARTICLE REFERENCE 4000K - CRI>80 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
2052DP4009EL	9	4000	≥80	1277	660 x 185 x 75	2052DP4042EL	42	4000	≥80	6254	1570 x 185 x 75
2052DP4011EL	11	4000	≥80	1528	660 x 185 x 75	2052DP4043EL	43	4000	≥80	6302	660 x 185 x 75
2052DP4013EL	13	4000	≥80	1901	660 x 185 x 75	2052DP4044EL	44	4000	≥80	6348	1270 x 185 x 75
2052DP4019EL	19	4000	≥80	2714	660 x 185 x 75	2052DP4045EL	45	4000	≥80	6644	1570 x 185 x 75
2052DP4020EL	20	4000	≥80	2917	1270 x 185 x 75	2052DP4047EL	47	4000	≥80	7292	1570 x 185 x 75
2052DP4021EL	21	4000	≥80	3097	660 x 185 x 75	2052DP4048EL	48	4000	≥80	7163	1570 x 185 x 75
2052DP4023EL	23	4000	≥80	3200	1270 x 185 x 75	2052DP4049EL	49	4000	≥80	7469	1270 x 185 x 75
2052DP4024EL	24	4000	≥80	3318	185 x 1570 x 75	2052DP4052EL	52	4000	≥80	7678	1570 x 185 x 75
2052DP4025EL	25	4000	≥80	3950	1570 x 185 x 75	2052DP4054EL	54	4000	≥80	7935	1570 x 185 x 75
2052DP4028EL	28	4000	≥80	4036	1270 x 185 x 75	2052DP4056EL	56	4000	≥80	8191	1570 x 185 x 75
2052DP4029EL	29	4000	≥80	3922	660 x 185 x 75	2052DP4059EL	59	4000	≥80	8574	1570 x 185 x 75
2052DP4030EL	30	4000	≥80	4134	1570 x 185 x 75	2052DP4064EL	64	4000	≥80	9209	1570 x 185 x 75
2052DP4033EL	33	4000	≥80	4983	1570 x 185 x 75	2052DP4070EL	70	4000	≥80	9840	1570 x 185 x 75
2052DP4034EL	34	4000	≥80	5003	1570 x 185 x 75	2052DP4080EL	80	4000	≥80	11711	1570 x 185 x 75
2052DP4035EL	35	4000	≥80	5339	1570 x 185 x 75	2052DP4092EL	92	4000	≥80	12278	1270 x 185 x 75
2052DP4036EL	36	4000	≥80	5316	1270 x 185 x 75	2052DP4102EL	102	4000	≥80	14150	1570 x 185 x 75
2052DP4037EL	37	4000	≥80	4859	1570 x 185 x 75	2052DP4112EL	112	4000	≥80	15348	1570 x 185 x 75
2052DP4039EL	39	4000	≥80	5834	1270 x 185 x 75	2052DP4120EL	120	4000	≥80	16530	1570 x 185 x 75

