



**Legenda | Legend**

Durata di vita della sorgente luminosa / *Lifetime of the light source*

Classe efficienza energetica / *Energy efficiency class*

Modulo LED in corrente costante / *Constant current LED module*

Modulo LED in tensione costante / *Constant voltage LED module*

Modulo LED RGB / *RGB LED module*

Angolo fascio luminoso / *Beam angle*

Modulo LED da incorporare / *Built-in lighting module*

Dimmerabile / *Dimmable*

Dimmerabile PWM / *Dimmable PWM*

Grado di protezione IP65 / *IP65 international protection*

Ordine minimo / *Minimum order*

**Moduli LED / LED modules**

Corrente costante / *Constant current*

Corrente costante - RGB / *Constant current - RGB*

Tensione costante / *Constant voltage*



**Alimentatore e Driver | Power supply unit and Driver**

Se non diversamente indicato, i moduli LED non sono protetti da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che l'alimentatore/driver utilizzato abbia tali protezioni.

*Unless otherwise indicated, LED modules are not protected against overvoltage, overcurrent, overload or short-circuits. For correct operation, check power supply unit/driver has such protections.*

**Tmax - Temperatura d'esercizio | Working temperature**

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul  $t_c$  /  $t_p$  sulla scheda (se presente) o nel punto più vicino al LED.

*To be tested on final application, measured on aluminium body or at LED board  $t_c$  /  $t_p$  (if present) or at the nearest point to the LED.*

**Dissipazione | Dissipation**

I moduli LED sono autodissipati. Al fine di una corretta dissipazione possono essere fissati su un ulteriore supporto alluminio.

*LED modules are self-dissipated. In order to obtain correct dissipation, can be fixed on an additional aluminum support.*

**Tolleranze | Tolerances**

Valori elettrici / *Electrical values* (@25°): ±10%

Dimensionali / *Dimensional*: ±0.15mm

Spessore PCB / *PCB thickness*: ±10%

Ø fori / *hole Ø*: ±0.1mm

**Varianti e accessori | Variants and accessories**

Da definire in fase d'ordine / *To be chosen when ordering*

**Note | Notes**

I moduli LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i moduli e/o apportare modifiche agli stessi ed evitare di collegarli ad un alimentatore sotto tensione.

*LED modules contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED modules and/or not to modify them. Avoid connecting the LED boards while the driver is being powered.*

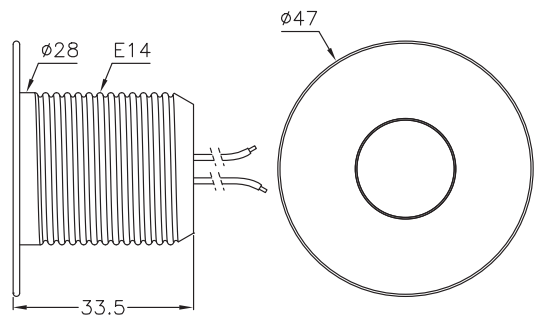
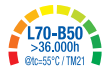


157 › 166

167 › 168

169 › 173

# SP0165



CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81	<b>A G</b>	168	99	<b>A G F</b>	185	109	<b>A G F</b>
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81	<b>A G</b>	168	99	<b>A G F</b>	185	109	<b>A G F</b>
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81	<b>A G</b>	168	99	<b>A G F</b>	185	109	<b>A G F</b>
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81	<b>A G</b>	168	99	<b>A G F</b>	185	109	<b>A G F</b>
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81	<b>A G</b>	168	99	<b>A G F</b>	185	109	<b>A G F</b>

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	1 PROLIGHT®
LED Q.ty	1
Lens	15°, 20°, 25°, 30°, 40°
Dimensions	Ø 47 mm x h 33.5 mm

### Accessori / Accessories

Cavi, lente, O-ring, ghiera / Cables, lens, O-ring, ring

### Codice ordine standard / Standard order code

Con ghiera Ø 47 mm, lente 30° e cavo  
With Ø 47 mm ring, 30° lens and cable

**SP0165** | **XXXXX** | **. XBSDG** | **X** | **YYYYY** |

**1** Codice fisso / Fixed code SP0165\_XBSDG

<b>2</b> CCT	<b>CRI&gt;80</b>
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

### **3** Flusso del LED / LED flux

Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED	D
Defined by EA srl when ordering, based on the availability of the LED manufacturer	A
	E

### **4** Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering

### Attenzione / Warning

Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

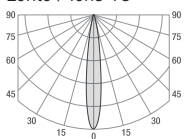
**N.B.:** per mantenere i parametri indicati, in conformità alla normativa "EPREL", la lente deve rimanere removibile.

Applying a lens to the light source will have a decrease in the lumen value (lm).

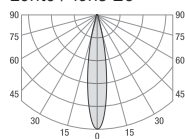
**N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, the lens must remain removable.

### Curva tipica di distribuzione della luce Luminous intensity distribution

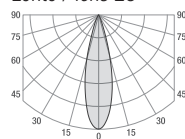
Lente / lens 15°



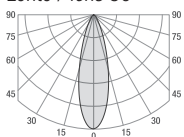
Lente / lens 20°



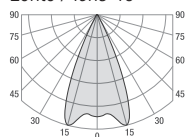
Lente / lens 25°



Lente / lens 30°



Lente / lens 40°

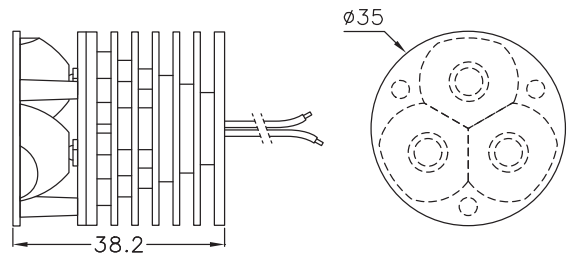


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Riferimenti normativi / Normative requirements  
EN 62031 / EN 62471 / IEC TR 62778

# TR35X



CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	2.9	417	144	A <sub>1</sub> G D	330	114	A <sub>1</sub> G E
3000K		438	151	A <sub>1</sub> G C	351	121	A <sub>1</sub> G E
4000K		458	158	A <sub>1</sub> G C	376	130	A <sub>1</sub> G D
5700K		469	162	A <sub>1</sub> G C			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	20°
Dimensions	Ø 35 mm x h 38.2 mm

### Accessori / Accessories

Cavi, lente / Cables, lens

### Codice ordine standard / Standard order code

Con cavi, lente 20°, senza altri accessori

With cables, 20° lens, without other accessories

TR35X | XXXXX | XBWFAB | YYYYY |  
 ① | ② | ① | ③

① Codice fisso / Fixed code	TR35X _ XBWFAB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
③ Variante cavo / Cable variants	Da definire in fase d'ordine / To be chosen when ordering	



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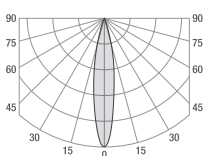


### Riferimenti normativi / Normative requirements

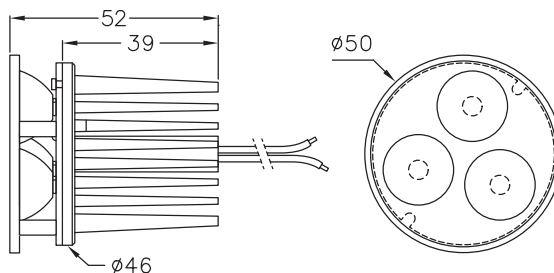
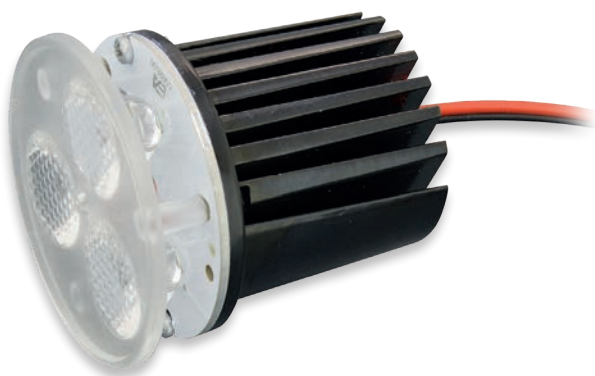
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### Curva tipica di distribuzione della luce Luminous intensity distribution

Lente / lens 20°



# TR50X\_XIBZ

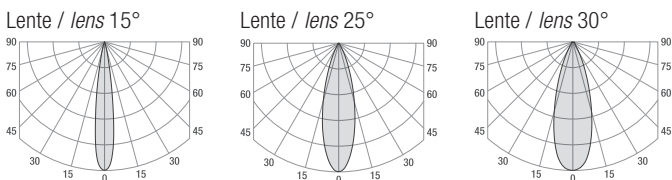


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3
700	8.8	6.1

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	lm/W	Energy efficiency	Im Typ	lm/W	Energy efficiency
2700K	2.9	422	146		330	114	
	4.3	591	137		462	107	
	6.1	804	132	A <sub>1</sub> G D	629	103	A <sub>1</sub> G E
3000K	2.9	443	153		351	121	
	4.3	620	144		491	114	
	6.1	843	138	A <sub>1</sub> G D	668	110	A <sub>1</sub> G E
4000K	2.9	463	160		376	130	
	4.3	649	151		526	122	
	6.1	883	145	A <sub>1</sub> G D	716	117	A <sub>1</sub> G E
5700K	2.9	474	163				
	4.3	663	154				
	6.1	902	148	A <sub>1</sub> G C			

Curva tipica di distribuzione della luce  
Luminous intensity distribution



**Accessori / Accessories**

Cavi, lente / Cables, lens

**Codice ordine standard / Standard order code**

Con cavi, lente, senza altri accessori  
With cables, lens, without other accessories

TR50X | XXXXX | XIBZ | X AB | YYYYY

- 1 **Codice fisso / Fixed code** TR50X\_XIBZ\_AB
- 2 **CCT**

	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
- 3 **Lente / Lens**

15°	H
25°	K
30°	L
- 4 **Variante cavo / Cable variants**  
Da definire in fase d'ordine / To be chosen when ordering



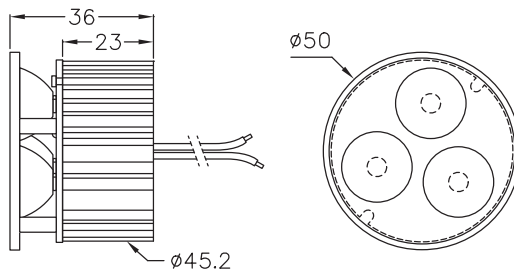
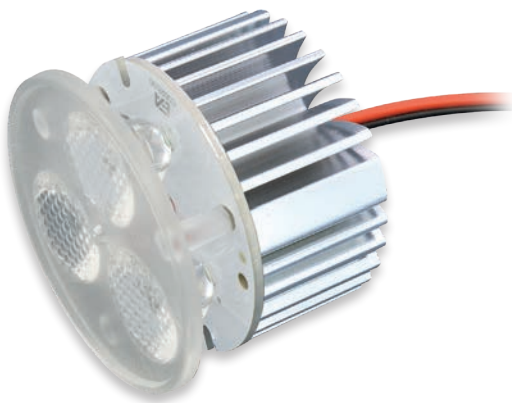
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# TR50X\_XIBW



CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	2.9	422	146		330	114	
	4.3	591	137	A <sub>1</sub> G <sub>1</sub> D	462	107	A <sub>1</sub> G <sub>1</sub> E
3000K	2.9	443	153		351	121	
	4.3	620	144	A <sub>1</sub> G <sub>1</sub> D	491	114	A <sub>1</sub> G <sub>1</sub> E
4000K	2.9	463	160		376	130	
	4.3	649	151	A <sub>1</sub> G <sub>1</sub> C	526	122	A <sub>1</sub> G <sub>1</sub> E
5700K	2.9	474	163				
	4.3	663	154	A <sub>1</sub> G <sub>1</sub> C			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 36 mm

**Accessori / Accessories**

Cavi, lente / Cables, lens

**Codice ordine standard / Standard order code**

Con cavi, lente, senza altri accessori  
With cables, lens, without other accessories

TR50X | XXXXX | XIBW | X | AB | YYYYY  
 ① | ② | ① | ③ | ① | ④

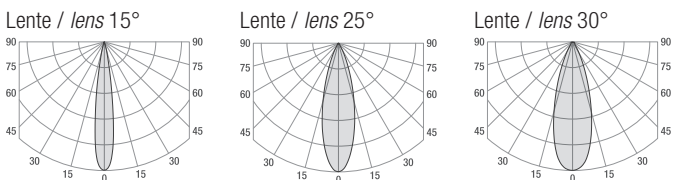
① Codice fisso / Fixed code TR50X\_XIBW\_AB

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

③ Lente / Lens	
15°	H
25°	K
30°	L

④ Variante cavo / Cable variants  
Da definire in fase d'ordine / To be chosen when ordering

**Curva tipica di distribuzione della luce**  
Luminous intensity distribution

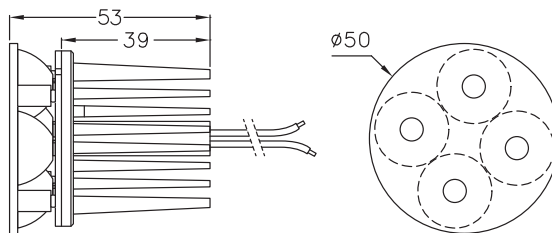


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# QR50X\_XBZG



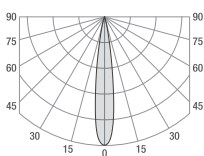
CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.7

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	lm/W	Energy efficiency	Im Typ	lm/W	Energy efficiency
2700K	3.9	593	152		464	119	
	5.7	804	141	A <sub>1</sub> <sub>6</sub> D	649	114	A <sub>1</sub> <sub>6</sub> E
3000K	3.9	622	159		493	126	
	5.7	844	148	A <sub>1</sub> <sub>6</sub> C	690	121	A <sub>1</sub> <sub>6</sub> E
4000K	3.9	651	167		528	135	
	5.7	883	155	A <sub>1</sub> <sub>6</sub> C	739	130	A <sub>1</sub> <sub>6</sub> D
5700K	3.9	665	171				
	5.7	903	158	A <sub>1</sub> <sub>6</sub> C			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Lens	15°
Dimensions	Ø 50 mm x h 53 mm

## Curva tipica di distribuzione della luce Luminous intensity distribution

Lente / lens 15°



### Accessori / Accessories

Cavi, lente / Cables, lens

### Codice ordine standard / Standard order code

Con cavi, lente 15°, senza altri accessori

With cables, 15° lens, without other accessories

QR50X | XXXXX | XBZGAB | YYYYY |

① Codice fisso / Fixed code QR50X\_XBZGAB

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

### ③ Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering



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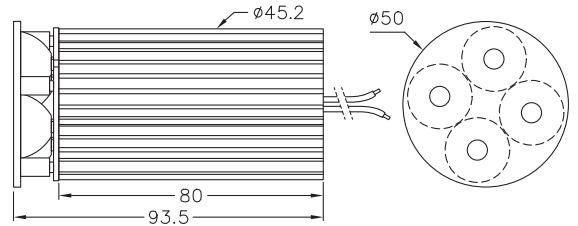


### Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

# QR50X\_XBWG

L70-B50  
>54.000h  
@Tc=85°C / TM21



CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.7
700	11.5	8.1

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Lens	15°
Dimensions	Ø 50 mm x h 93.5 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	3.9	593	152		464	119	
	5.7	804	141		649	114	
	8.1	1083	134	A <sub>0</sub> D	879	108	A <sub>0</sub> E
3000K	3.9	622	159		493	126	
	5.7	844	148		690	121	
	8.1	1136	140	A <sub>0</sub> D	934	115	A <sub>0</sub> E
4000K	3.9	651	167		528	135	
	5.7	883	155		739	130	
	8.1	1189	147	A <sub>0</sub> D	1001	124	A <sub>0</sub> E
5700K	3.9	665	171				
	5.7	903	158				
	8.1	1216	150	A <sub>0</sub> C			

### Accessori / Accessories

Cavi, lente / Cables, lens

### Codice ordine standard / Standard order code

Con cavi, lente 15°, senza altri accessori

With cables, 15° lens, without other accessories

QR50X | XXXXX | XBWGAB | YYYYY

① Codice fisso / Fixed code QR50X\_XBWGAB

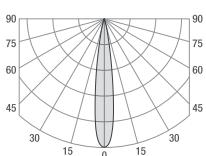
② CCT	CRI>80		CRI>90
	2700K	27803	27903
3000K	30803	30903	
4000K	40803	40903	
5700K	57803	/	

### ③ Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering

### Curva tipica di distribuzione della luce Luminous intensity distribution

Lente / lens 15°



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### Riferimenti normativi / Normative requirements

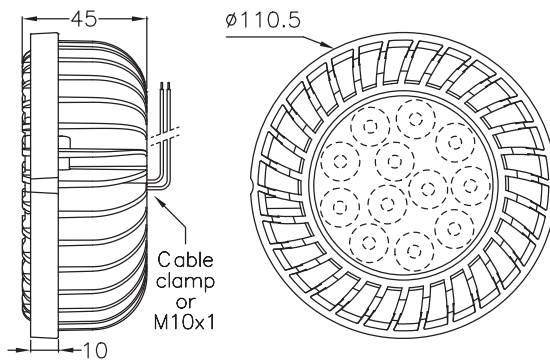
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# AR1\_XI



L70-B50  
>54.000h  
@Tc=35°C / TM21



CC Input (mA)	V Typ (V)	Power Typ (W)
350	33.7	11.8
500	34.3	17.2
700	34.7	24.3

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Dimensions	Ø 110.5 mm x h 45 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	11.8	1753	149		1307	111	
	17.2	2434	142		1849	108	
	24.3	3217	132	A <sub>+</sub> D	2542	105	A <sub>+</sub> E
3000K	11.8	1839	156		1486	126	
	17.2	2553	148		2044	119	
	24.3	3375	139	A <sub>+</sub> D	2729	112	A <sub>+</sub> E
4000K	11.8	1907	162		1488	126	
	17.2	2621	152		2106	122	
	24.3	3497	144	A <sub>+</sub> D	2896	119	A <sub>+</sub> E
5700K	11.8	1969	167				
	17.2	2733	159				
	24.3	3539	146	A <sub>+</sub> D			

### Accessori / Accessories

Cavi, lente 15° o 25°, dissipatore nero o alluminio  
Cables, 15° or 25° lens, black or aluminium heatsink

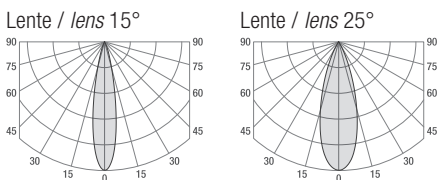
### Codice ordine standard / Standard order code

Con cavi, lente, blocca cavo e dissipatore  
With cables, lens, cable clamp and heatsink

AR1 | XXXXX | XI | XX | X | AB | YYYYY

1	Codice fisso / Fixed code	AR1_XI_AB	
2	CCT	CRI>80	CRI>90
	2700K	27803	27903
	3000K	30803	30903
	4000K	40803	40903
	5700K	57803	/
3	Dissipatore / Heatsink		
	Nero / Black	BY	
	Alluminio / Aluminium	BV	
3	Lente / Lens		
	15°	S	
	25°	T	
4	Variante cavo / Cable variants		
	Da definire in fase d'ordine / To be chosen when ordering		

### Curva tipica di distribuzione della luce Luminous intensity distribution



Uscita cavi posteriore centrale  
Central back cable exit

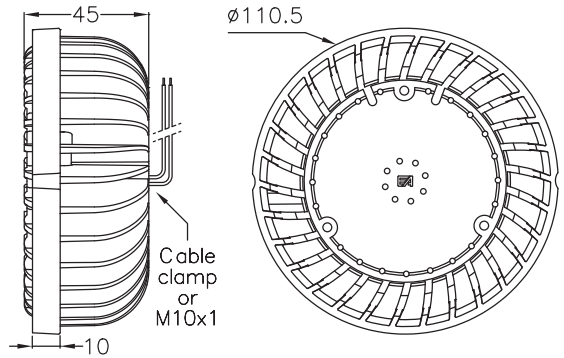
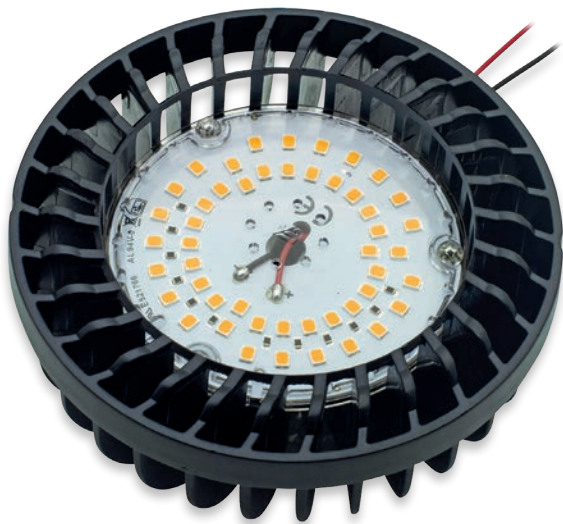


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Riferimenti normativi / Normative requirements  
EN 62031 / EN 62471 / IEC TR 62778

# AR1\_XI



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente, satinata o opale <i>Transparent, frosted or opal</i>
Dimensions	Ø 110.5 mm x h 45 mm



Uscita cavi posteriore centrale  
*Central back cable exit*

**Accessori / Accessories**

Cover, cavi, dissipatore nero o alluminio  
*Cover, cables, black or aluminium heatsink*

**Codice ordine standard / Standard order code**

Con o senza cover, con cavi, blocca cavo e dissipatore  
*With or without cover, with cables, cable clamp and heatsink*



<b>1</b> Codice fisso / <i>Fixed code</i>	AR1_XI_BB		
<b>2</b> CCT	CRI>80	CRI>90	
2700K	27803	27903	
3000K	30803	30903	
4000K	40803	40903	
6500K	65803	/	
<b>3</b> Dissipatore / <i>Heatsink</i>			
Nero / <i>Black</i>	BY		
Alluminio / <i>Aluminium</i>	BV		
<b>4</b> Cover			
No cover	X		
Trasparente / <i>transparent</i>	Y		
Satinata / <i>frosted</i>	Z		
Opale / <i>opal</i>	W		
<b>5</b> Variante cavo / <i>Cable variants</i>	Da definire in fase d'ordine / <i>To be chosen when ordering</i>		



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Riferimenti normativi / *Normative requirements*  
EN 62031 / EN 62471 / IEC TR 62778

CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.2	7.8
500	22.8	11.4
700	23.5	16.5
900	24.1	21.7

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	7.8	1274	163		1105	142	
	11.4	1752	154		1539	135	
	16.5	2379	144		2105	128	
	21.7	2938	135	A <sub>2</sub> E	2617	121	A <sub>2</sub> E
3000K	7.8	1312	168		1143	147	
	11.4	1804	158		1592	140	
	16.5	2449	148		2177	132	
	21.7	3024	139	A <sub>2</sub> E	2707	125	A <sub>2</sub> E
4000K	7.8	1390	178		1143	147	
	11.4	1911	168		1592	140	
	16.5	2595	157		2177	132	
	21.7	3200	147	A <sub>2</sub> D	2707	125	A <sub>2</sub> E
6500K	7.8	1390	178		1143	147	
	11.4	1911	168		1592	140	
	16.5	2595	157		2177	132	
	21.7	3200	147	A <sub>2</sub> D	2707	125	A <sub>2</sub> E

**Attenzione / Warning**

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (Im).

La cover opale inoltre può provocare anche una variazione importante del CCT.

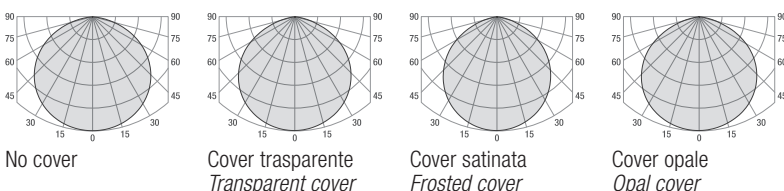
**N.B.:** al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, la cover deve rimanere removibile.

*Applying a protection cover to the light source will have a decrease in the lumen value (Im).*

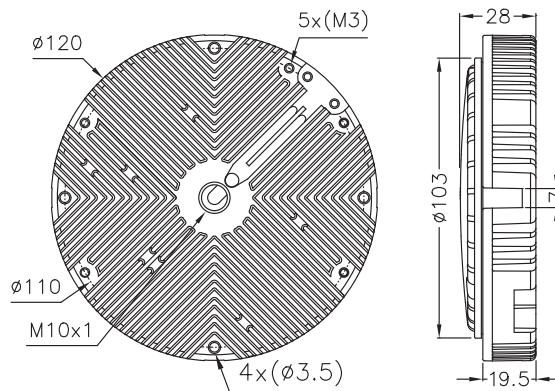
*The opal cover can also cause a significant change in the CCT.*

**N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, the cover must remain removable.

**Curva tipica di distribuzione della luce / Luminous intensity distribution**



# MT355\_XI



CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.5	7.9
500	22.9	11.4
700	23.4	16.4
900	23.9	21.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	7.9	1236	156	A 6 E	1033	131	A 6 E
	11.4	1701	149		1428	125	
	16.4	2306	141		1943	118	
	21.5	2881	134		2417	112	
3000K	7.9	1254	159	A 6 E	1033	131	A 6 E
	11.4	1726	151		1428	125	
	16.4	2341	143		1943	118	
	21.5	2923	136		2417	112	
4000K	7.9	1349	171	A 6 D	1170	148	A 6 E
	11.4	1867	164		1618	142	
	16.4	2544	155		2202	134	
	21.5	3162	147		2740	127	
5000K	7.9	1377	174	A 6 D			
	11.4	1895	166				
	16.4	2570	157				
	21.5	3210	149				

### Attenzione / Warning

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

La cover opale inoltre può provocare anche una variazione importante del CCT.

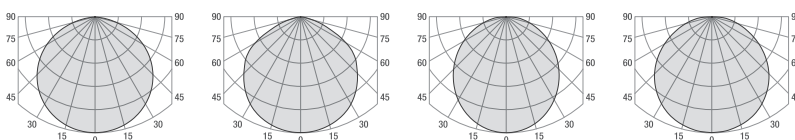
**N.B.:** al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, la cover deve rimanere removibile.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).

The opal cover can also cause a significant change in the CCT.

**N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, the cover must remain removable.

### Curva tipica di distribuzione della luce / Luminous intensity distribution



No cover      Cover trasparente / Transparent cover      Cover satinata / Frosted cover      Cover opale / Opal cover

RA/CRI	CRI>80, CRI>90
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente, satinata o opale Transparent, frosted or opal
Dimensions	Ø 120 mm x h 28 mm

### Accessori / Accessories

Cavi, cover, blocca cavo / Cables, cover, cable clamp

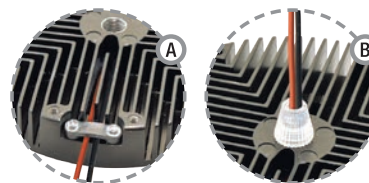
### Codice ordine standard / Standard order code

Con o senza cover, con cavi, blocca cavo e dissipatore

With or without cover, with cables, cable clamp and heatsink

**MT355** | **XXXXX** | **XI** | **XX** | **X** | **BA** | **YYYYY**

<b>1</b> Codice fisso / Fixed code	MT355_XI_BA		
<b>2</b> CCT	CRI>80	CRI>90	
2700K	27803	27903	
3000K	30803	30903	
4000K	40803	40903	
5000K	50803	/	
<b>3</b> Blocca cavo / Cable clamp			
A - Laterale / Side	AY		
B - Centrale / Central	BY		
<b>4</b> Cover			
No cover	X		
Trasparente / transparent	Y		
Satinata / frosted	Z		
Opale / opal	W		
<b>5</b> Variante cavo / Cable variants			
Da definire in fase d'ordine / To be chosen when ordering			



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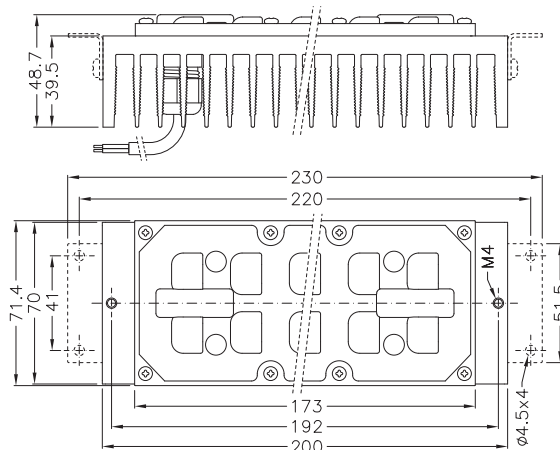


### Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

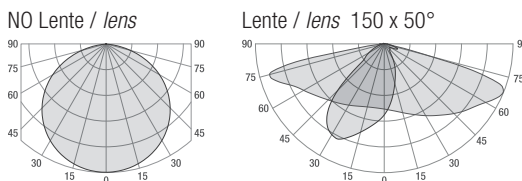


# MT467



RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	12
Dimensions	200 x 71.4 mm x h 48.7 mm

**Curva tipica di distribuzione della luce**  
*Luminous intensity distribution*



**Approvazioni / Approvals**

MT467: CL467:

**Accessori / Accessories**

Cavo, lente, squadrette di fissaggio / Cable, lens, fixing brackets

**Codice ordine standard / Standard order code**

Con lente e cavo, con o senza squadrette di fissaggio  
 With lens and cable, with or without fixing brackets

**MT467** | **XXXXX** | **XBY** | **XXXX** | **FC** | **YYYYY**  
 ① | ② | ① | ③ | ① | ④

① Codice fisso / Fixed code	MT467_XB_FC
② CCT + SDCM	CRI>80
2200K	22803
2700K	27803
3000K	30803
4000K	40803
③ Squadrette fissaggio / Fixing brackets	
SI / YES	QL8A
NO	XL8A
④ Variante cavo / Cable variants	
Da definire in fase d'ordine / To be chosen when ordering	

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Riferimenti normativi / Normative requirements  
 EN 62031 / EN 62471 / IEC TR 62778

CC Input (mA)	V Typ (V)	Power Typ (W)
700	34.5	24.2
1000	35.7	35.7
1300	36.8	47.9
1500	37.5	56.3
1600	37.8	60.5

CCT (CRI>80)	Power Typ (W)	lm Typ	lm/W	Energy efficiency
2200K	24.2	3311	137	
	35.7	4603	129	
	47.9	5806	121	
	56.3	6578	117	
	60.5	6893	114	
2700K	24.2	3663	151	
	35.7	5093	143	
	47.9	6423	134	
	56.3	7277	129	
3000K	24.2	3951	163	
	35.7	5494	154	
	47.9	6928	145	
	56.3	7850	139	
4000K	24.2	4268	176	
	35.7	5935	166	
	47.9	7485	156	
	56.3	8480	151	
	60.5	8887	147	

Su richiesta è possibile produrre il modulo LED con temperature colore fino a 6500K  
 On request it is possible to produce the LED module with color temperatures up to 6500K

**Attenzione / Warning**

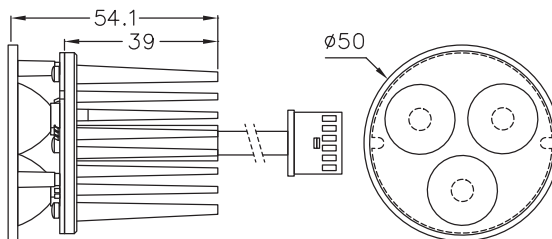
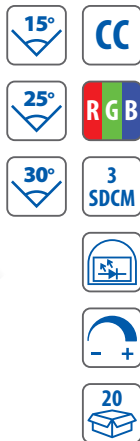
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

**N.B.:** per mantenere i parametri indicati, in conformità alla normativa "EPREL", la lente deve rimanere removibile.

Applying a lens to the light source will have a decrease in the lumen value (lm).

**N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, the lens must remain removable.

# TR50F.XBZ



CC Input (mA)	V Typ (V)	Power Typ (W)
200mA	8.1	1.6
	11.1	2.2
	10.8	2.2
	-	6

CCT	Power Typ (W)	Im Typ	lm/W
Rosso Red	1.6	90	56
Verde Green	2.2	161	73
Blu Blue	2.2	38	17
Bianco (R+G+B) White (R+G+B)	6	289	48

RA/CRI	R: 620~630 nm G: 520~530 nm B: 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® RGB
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 54.1 mm

### Accessori / Accessories

Cavi, lente, connettore per driver DRF (vedi capitolo 9)  
Cables, lens, connector for DRF driver (see chapter 9)

### Codice ordine standard / Standard order code

Con cavi, lente, senza altri accessori  
With cables, lens, without other accessories

TR50F | XBZ | X | GB | YYYYY |

① Codice fisso / Fixed code TR50F.XBZ \_ GB

### ② Lente / Lens

15°	H
25°	K
30°	L

### ③ Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering



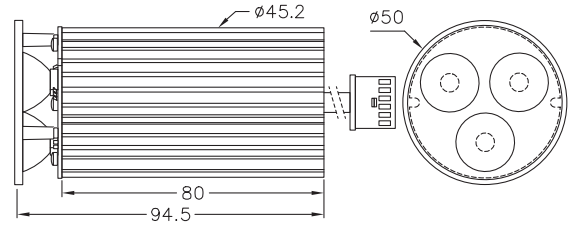
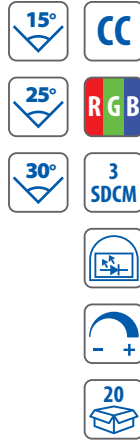
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# TR50F.XBW



CC Input (mA)	V Typ (V)	Power Typ (W)
200mA	8.1	1.6
350mA		2.8
200mA	11.1	2.2
350mA		3.9
200mA	10.8	2.2
350mA		3.8
200mA	-	6
350mA		10.5

CCT	Power Typ (W)	lm Typ	lm/W
Rosso Red	1.6	90	56
	2.8	150	54
Verde Green	2.2	161	73
	3.9	255	65
Blu Blue	2.2	38	17
	3.8	60	16
Bianco (R+G+B) White (R+G+B)	6	289	48
	10.5	465	44

RA/CRI	R: 620~630 nm G: 520~530 nm B: 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® RGB
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 94.5 mm

### Accessori / Accessories

Cavi, lente, connettore per driver DRF (vedi capitolo 9)  
Cables, lens, connector for DRF driver (see chapter 9)

### Codice ordine standard / Standard order code

Con cavi, lente, senza altri accessori  
With cables, lens, without other accessories

TR50F | . | XBW | X | GB | . | YYYYY |

① Codice fisso / Fixed code TR50F.XBW \_ GB

### ② Lente / Lens

15°	H
25°	K
30°	L

### ③ Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering

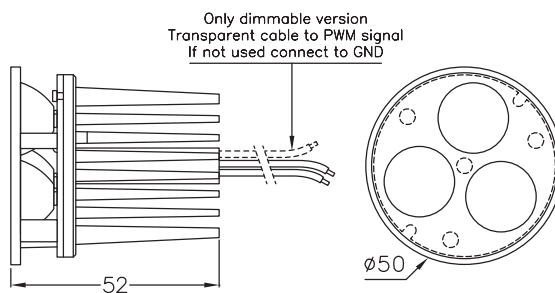


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# TR50X\_XV

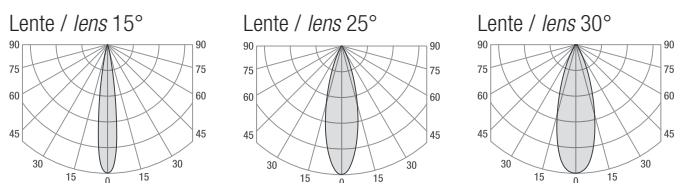


Vdc Input (V)	Power Typ (W)
12~24	3
	5
	7

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	3	422	141	A+G D	330	110	A+G E
	5	591	118	A+G E	462	92	A+G F
	7	804	115	A+G E	629	90	A+G F
3000K	3	443	148	A+G C	351	117	A+G E
	5	620	124	A+G D	491	98	A+G F
	7	843	120	A+G E	668	95	A+G F
4000K	3	463	154	A+G C	376	125	A+G D
	5	649	130	A+G D	526	105	A+G E
	7	883	126	A+G D	716	102	A+G E
5700K	3	474	158	A+G C			
	5	663	133	A+G D			
	7	902	129	A+G D			

Su richiesta è possibile produrre la scheda LED con potenze personalizzate fino a 7W max  
 On request it is possible to produce the LED board with customized powers up to 7W max

### Curva tipica di distribuzione della luce Luminous intensity distribution



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

### Accessori / Accessories

Cavi, lente / Cables, lens

### Codice ordine standard / Standard order code

Con cavi, lente, senza altri accessori

With cables, lens, without other accessories

**TR50X** | **XXXXX** | **. XV** | **XXX** | **XXX** | **AB** | **. YYYYY**

- Codice fisso / Fixed code** TR50X\_XV\_AB
- CCT**

CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
- Potenza / Power**

3W	030
5W	050
7W	070
- Lente / Lens**

15°	BZH
25°	BZK
30°	BZL
- Variante cavo / Cable variants**  
 Da definire in fase d'ordine / To be chosen when ordering

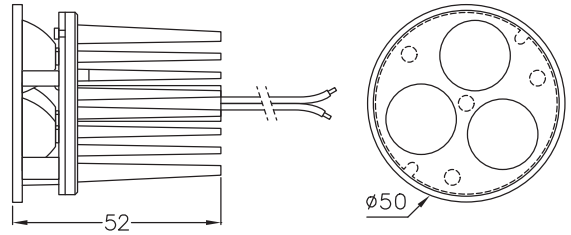


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# TR50X\_XN



Vdc Input (V)	Power Typ (W)
12~24	3
	5
	7

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	Im/W	Energy efficiency	Im Typ	Im/W	Energy efficiency
2700K	3	422	141	A <sub>1</sub> G <sub>2</sub> D	330	110	A <sub>1</sub> G <sub>2</sub> E
	5	591	118	A <sub>1</sub> G <sub>2</sub> E	462	92	A <sub>1</sub> G <sub>2</sub> F
	7	804	115	A <sub>1</sub> G <sub>2</sub> E	629	90	A <sub>1</sub> G <sub>2</sub> F
3000K	3	443	148	A <sub>1</sub> G <sub>2</sub> C	351	117	A <sub>1</sub> G <sub>2</sub> E
	5	620	124	A <sub>1</sub> G <sub>2</sub> D	491	98	A <sub>1</sub> G <sub>2</sub> F
	7	843	120	A <sub>1</sub> G <sub>2</sub> E	668	95	A <sub>1</sub> G <sub>2</sub> F
4000K	3	463	154	A <sub>1</sub> G <sub>2</sub> C	376	125	A <sub>1</sub> G <sub>2</sub> D
	5	649	130	A <sub>1</sub> G <sub>2</sub> D	526	105	A <sub>1</sub> G <sub>2</sub> E
	7	883	126	A <sub>1</sub> G <sub>2</sub> D	716	102	A <sub>1</sub> G <sub>2</sub> E
5700K	3	474	158	A <sub>1</sub> G <sub>2</sub> C			
	5	663	133	A <sub>1</sub> G <sub>2</sub> D			
	7	902	129	A <sub>1</sub> G <sub>2</sub> D			

**Accessori / Accessories**

Cavi, lente / Cables, lens

**Codice ordine standard / Standard order code**

Con cavi, lente, senza altri accessori

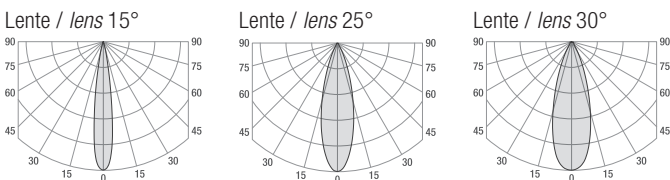
With cables, lens, without other accessories

TR50X | XXXXX | . XN | XXX | XXX | AB | . YYYYY  
 ① | ② | ① | ③ | ④ | ① | ⑤

① Codice fisso / Fixed code	TR50X_XN_AB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
③ Potenza / Power		
3W	030	
5W	050	
7W	070	
④ Lente / Lens		
15°	BZH	
25°	BZK	
30°	BZL	
⑤ Variante cavo / Cable variants	Da definire in fase d'ordine / To be chosen when ordering	

Su richiesta è possibile produrre la scheda LED con potenze personalizzate fino a 7W max  
 On request it is possible to produce the LED board with customized powers up to 7W max

**Curva tipica di distribuzione della luce**  
 Luminous intensity distribution

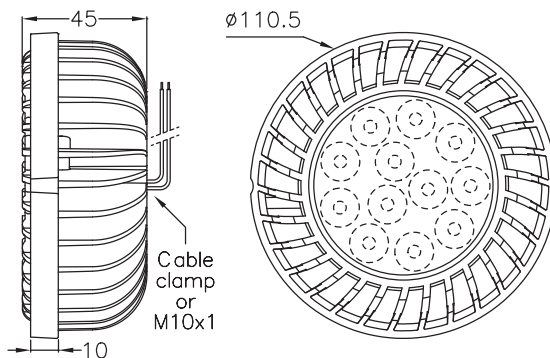


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# AR1\_XV



Vdc Input (V)	Power Typ (W)
24	19

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	19	1986	105	A <sub>1</sub> G E	1554	82	A <sub>1</sub> G F
3000K		2053	108	A <sub>1</sub> G E	1627	86	A <sub>1</sub> G F
4000K		2107	111	A <sub>1</sub> G E	1721	91	A <sub>1</sub> G F
5700K		2154	113	A <sub>1</sub> G E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Cover	Trasparente, satinata o opale <i>Transparent, frosted or opal</i>
Dimensions	Ø 110.5 mm x h 45 mm

### Accessori / Accessories

Cavi, lente 15° o 25°, dissipatore nero o alluminio  
*Cables, 15° or 25° lens, black or aluminium heatsink*

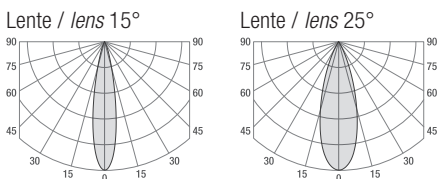
### Codice ordine standard / Standard order code

Con cavi, lente, blocca cavo e dissipatore  
*With cables, lens, cable clamp and heatsink*

AR1 | XXXXX | XV190 | XX | X | AB | . | YYYYY  
① | ② | | ① | ③ | ④ | ① | | ⑤

① Codice fisso / Fixed code	AR1_XV190_AB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
③ Dissipatore / Heatsink		
Nero / Black	BY	
Alluminio / Aluminium	BV	
④ Lente / Lens		
15°	S	
25°	T	
⑤ Variante cavo / Cable variants		
Da definire in fase d'ordine / To be chosen when ordering		

### Curva tipica di distribuzione della luce *Luminous intensity distribution*



Uscita cavi posteriore centrale  
*Central back cable exit*

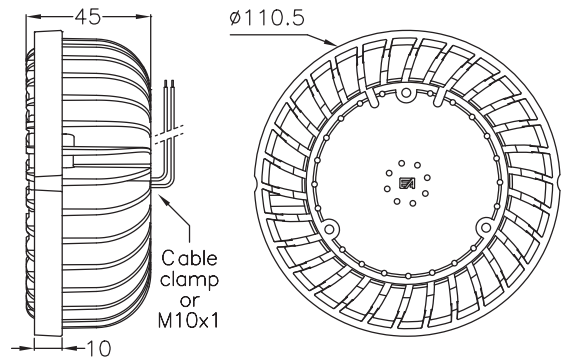
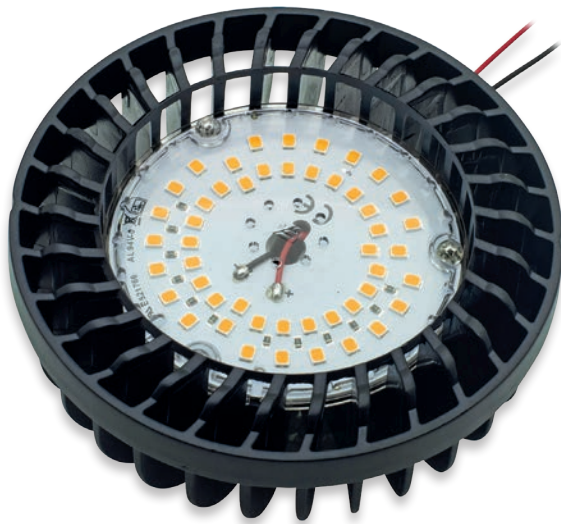


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Riferimenti normativi / Normative requirements  
EN 62031 / EN 62471 / IEC TR 62778

# AR1\_XV



Vdc Input (V)	Power Typ (W)
24	21.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		Im Typ	lm/W	Energy efficiency	Im Typ	lm/W	Energy efficiency
2700K	21.5	2793	130	A <sub>2</sub> E	2475	115	A <sub>2</sub> F
3000K		2875	134	A <sub>2</sub> E	2639	123	A <sub>2</sub> F
4000K		2957	138	A <sub>2</sub> E	2639	123	A <sub>2</sub> E
6500K		2957	138	A <sub>2</sub> E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente, satinata o opale <i>Transparent, frosted or opal</i>
Dimensions	Ø 110.5 mm x h 45 mm

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 21.5W  
 On request it is possible to produce the LED board with different powers up to max 21.5W

### Attenzione / Warning

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

La cover opale inoltre può provocare anche una variazione importante del CCT.

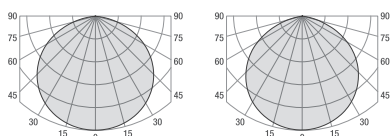
**N.B.:** al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, la cover deve rimanere removibile.

*Applying a protection cover to the light source will have a decrease in the lumen value (lm).*

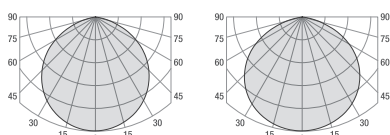
*The opal cover can also cause a significant change in the CCT.*

**N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, the cover must remain removable.

### Curva tipica di distribuzione della luce Luminous intensity distribution



No cover  
 Cover trasparente  
 Transparent cover



Cover satinata  
 Frosted cover  
 Cover opale  
 Opal cover



Uscita cavi posteriore centrale  
 Central back cable exit

### Accessori / Accessories

Cover, cavi, dissipatore nero o alluminio

*Cover, cables, black or aluminium heatsink*

### Codice ordine standard / Standard order code

Con o senza cover, con cavi, bloccacavo e dissipatore

*With or without cover, with cables, cable clamp and heatsink*

AR1 | XXXXX | XV215 | XX | X | BB | YYYYY  
 ① ② ③ ④ ⑤

① Codice fisso / Fixed code	AR1_XV215_BB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

### ③ Dissipatore / Heatsink

Nero / Black	BY
Alluminio / Aluminium	BV

### ④ Cover

No cover	X
Trasparente / transparent	Y
Satinata / frosted	Z
Opale / opal	W

### ⑤ Variante cavo / Cable variants

Da definire in fase d'ordine / To be chosen when ordering



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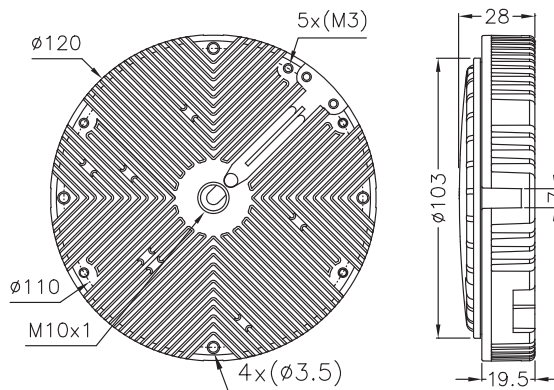
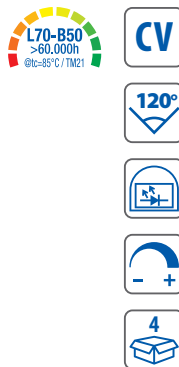


### Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778



# MT355\_XV



Vdc Input (V)	Power Typ (W)
24	17

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	17	2343	138	A <sub>1</sub> G E	2111	124	A <sub>1</sub> G E
3000K		2365	139	A <sub>1</sub> G E	2111	124	A <sub>1</sub> G E
4000K		2611	154	A <sub>1</sub> G D	2190	129	A <sub>1</sub> G E
5000K		2611	154	A <sub>1</sub> G D			

RA/CRI	CRI>80, CRI>90
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente, satinata o opale <i>Transparent, frosted or opal</i>
Dimensions	Ø 120 mm x h 28 mm

Su richiesta è possibile produrre la scheda LED con potenze diverse  
*On request it is possible to produce the LED board with different powers*

### Attenzione / Warning

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

La cover opale inoltre può provocare anche una variazione importante del CCT.

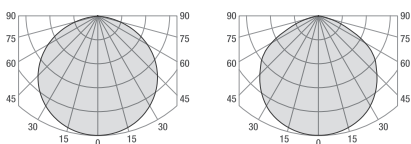
**N.B.:** al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile.**

*Applying a protection cover to the light source will have a decrease in the lumen value (lm).*

*The opal cover can also cause a significant change in the CCT.*

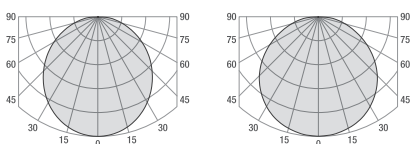
**N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable.**

### Curva tipica di distribuzione della luce Luminous intensity distribution



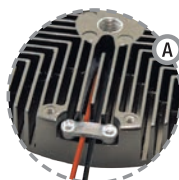
No cover

Cover trasparente  
 Transparent cover

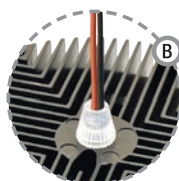


Cover satinata  
 Frosted cover

Cover opale  
 Opal cover



Uscita cavi posteriore laterale  
 Side back cable exit



Uscita cavi posteriore centrale  
 Central back cable exit

### Accessori / Accessories

Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

### Codice ordine standard / Standard order code

Con o senza cover, con cavi, bloccacavo e dissipatore

*With or without cover, with cables, cable clamp and heatsink*

**MT355** | **XXXXX** | **XV170** | **XX** | **X** | **YBA** | **YYYYY**

① Codice fisso / Fixed code MT355\_XV170\_YBA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

### ③ Blocca cavo / Cable clamp

A - Laterale / Side	AY
B - Centrale / Central	BY

### ④ Cover

No cover	X
Trasparente / transparent	Y
Satinata / frosted	Z
Opale / opal	W

### ⑤ Variante cavo / Cable variants

Da definire in fase d'ordine / *To be chosen when ordering*



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