



Romeo 700 T/D or VW

Product code:
F167C0X0A (T)
P067G0X0A (VW)

Last update:
05/02/2024



Romeo 700

Introducing

- Fast LED retrofitting for Robert Juliat 700 series moulders, available in fixed white, variable white or with 6 RGBCLA colours, with light output comparable to halogen lamps

Key Features

- Easy LED retrofit designed for Robert Juliat 700 series
- CRI 90 or >95 (up to 97)
- CCT 3.200K or 5.600K (T/D version)
- Tunable white from 2.700K to 6.500K (VW version)
- Output as bright or brighter than Halogen lamps
- Smooth linear dimming
- Flicker-free ideal for TV/Broadcast installations
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated
- European Conformity certification

General	
● LED Source	Modular multiple LEDs
● CCT Range	● ● ● ● ● 3.200 K or 5.600 K (T/D version) ● ● ● ● ● Tunable white from 2.700K → 6.500K (VW version)
● Color Rendition Average	CRI 90 or >95 (up to 97)
● Dimming	Smooth linear dimming, 5 dimming curves selectable (standard, halo, exponential, logarithmic and linear)
● Strobe	Electronic strobe, synchronized, random, pulse effect
● Camera flicker control/Hz range	Yes, 600 to 20.000 Hz
● L80 Rating (hours to 80% output)	50.000 Hours
Electrical	
● Voltage Input	90-240 V, 50/60 Hz, auto-sensing
● Power Consumption	200 W Maximum (T/D versions) 230 W Maximum (VariWhite version)
● Power Connection	In and Out PowerCON TRUE1
● Data Connection	In and Out DMX 5 pin locking XLR connectors
Thermal	
● Fan (controllable)	Yes, 4 different settings: Silent, Studio, Auto, DMX regulated
Control	
● Protocols	DMX-512, RDM (Remote Device Management), Wireless (optional by LumenRadio)
● RDM configuration	Yes
● DMX Channels	5 / 1 (T/D version) 5 / 2 / 1 (VW version)
● Display	Graphic OLED
● Software Upload	Through DMX input (With RDM interface code AC10011A001)



Romeo 700 Rear Panel

DMX Charts VariWhite version

5 Channels	2 Channels
01 → Master Dimmer	01 → Master Dimmer
02 → Dimmer Fine	02 → White Tone
03 → White Tone	
04 → Strobe Effect	1 Channel
05 → Special Functions	01 → Master Dimer

DMX Charts T and D version

5 Channels	1 Channels
01 → Master Dimmer	01 → Master Dimmer
02 → Spare Channel	
03 → Dimmer Fine	
04 → Strobe Effect	
05 → Special Function	





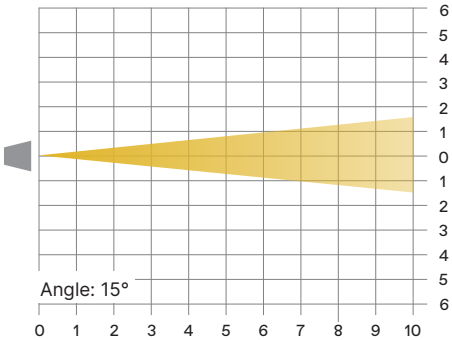
RJ 714 with 2000 W Halogen lamp

RJ 714 with 170 W Romeo 700 T Relite kit

Romeo 700 Tungsten - CRI 90

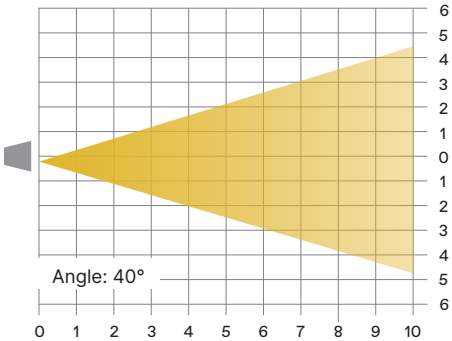
Optic: SPOT

Distance(m)	1	2	3	4	5	6	7	8	9	10
lux	412.974	103.244	45.886	25.811	16.519	11.472	8.453	6.453	5.098	4.130
Distance Ø (m)	0,26	0,53	0,79	1,05	1,32	1,58	1,84	2,11	2,37	2,63



Optic: FLOOD

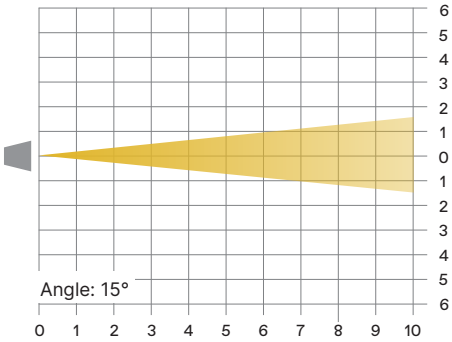
Distance(m)	1	2	3	4	5	6	7	8	9	10
lux	52.974	13.244	5.886	3.311	2.119	1.472	1.081	828	654	530
Distance Ø (m)	0,73	1,46	2,18	2,91	3,64	4,37	5,10	5,82	6,55	7,28



Romeo 700 VariWhite - CRI 95

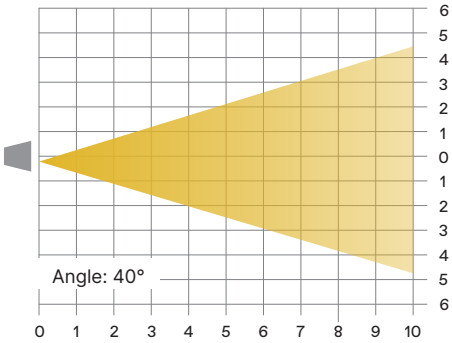
Optic: SPOT

Distance(m)	1	2	3	4	5	6	7	8	9	10	
lux	3.200K	274.374	68.594	30.486	17.148	10.975	7.622	5.599	4.287	3.387	2.744
	5.600K	296.073	74.018	32.897	18.505	11.843	8.224	6.042	4.626	3.655	2.961
Distance Ø (m)	0,26	0,53	0,79	1,05	1,32	1,58	1,84	2,11	2,37	2,63	



Optic: FLOOD

Distance(m)	1	2	3	4	5	6	7	8	9	10	
lux	3.200K	31.950	7.988	3.550	1.997	1.278	888	652	499	394	320
	5.600K	36.072	9.018	4.008	2.255	1.443	1.002	736	564	445	361
Distance Ø (m)	0,73	1,46	2,18	2,91	3,64	4,37	5,10	5,82	6,55	7,28	





Theaters - Carignano Theater, Turin Italy

Product	Romeo 700 Tungsten
CCT	3.200 K
CRI	90

● Coemar Lighting S.r.l.

Via Carpenedolo, 90
46043, Castiglione delle Stiviere (MN) – Italy

P. +39 0376 1514412
M1. info@coemar.com
M2. service@coemar.com
W. coemar.com

P.iva – C.f. 02415330204

