

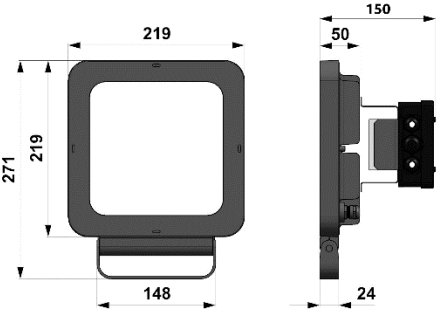



**EP S.P.A.**

Via Del Commercio, 1 25039 Travagliato (BS) Italy  
ph. +39 0302583990 fax +39 0302584012 email: info@lanzini.it  
Cap. Soc. € 1.000.000,00 i.v.  
VAT: IT 03384740175

# TECHNICAL DATASHEET

1. GENERAL INFORMATION	
1.1. Product's name	<b>Q RGBW DMX</b>
1.2. Typology of the product	Floodlight
1.3. Applications	Facade decoration, commercial areas, car parks, trade fairs, advertising systems, etc.
1.4. Picture	

2. MAIN FEATURES	
2.1. Dimensions	
2.2. Weight	2,5 Kg
2.3. Exposed surface	Front surface 0.08 m <sup>2</sup> Lateral surface 0.02 m <sup>2</sup>
2.4. Working temperature	- 40°C + 45°C
2.5. Storage temperature	- 40°C + 50°C
2.6. Optical group	<ul style="list-style-type: none"><li>• PCBA 100 LED size 3030</li><li>• RGBW: Red led frequency 620nm, Green led frequency 520nm, Blue led frequency 460nm</li><li>• White 4000K (available on request: 3000K e 5000K)</li><li>• CRI &gt;80</li></ul>

3. NORMATIVE REQUIREMENTS	
3.1. Approvals	
3.2. Protection grade	IP 67
3.3. Quality mark ENEC.	CLASS I (Class II upon request)
3.4. Isolation class	D UE 2017/1369, 2019/2015, 2019/2020, 2021/340 e 2021/341







4. ELECTRICAL FEATURES	
4.1. Power supply	220-240 Vac, 4 RGBW channels total power 90 W +/-10%
4.2. Control unit	DMX RDM

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5. MATERIALS	
5.1. Body	Die cast aluminium alloy UNI EN 46100 Protection against the corrosion with epoxy primer + polyester painting resistant to salty mist
5.2. Bracket	Galvanized iron and goniometer with anti-rotation lock (optional painted RAL7015)
5.3. Cable gland	In metal
5.4. Colour	Grey, RAL 7015
5.5. Lenses	Optic PC
5.6. Screen	Tempered extra clear 5 mm glass, resistant to thermal shocks and impacts.
5.7. External screws	Stainless steel AISI 304

6. ACCESSORIES			
6.1. Quick connector IP66	2 poles 3 poles		Codes: 2 poli: LKITA00000000017 3 poli: LKITA00000000003
6.2. Cable with connector 2m IP66	2 poles 3 poles		Codes: 2 poli: LKITA00000000040 3 poli: LKITA00000000041
6.3. Ceiling Kit	Galvanized iron Inox		Codes: Galvanized iron: LKITA00000000060 Inox: LKITA00000000061
6.4. Pole connection A	∅ 40 ÷ ∅ 76 mm		Codes: LKITA00000040001
6.5. Pole connection B	∅ 60		Codes: LKITA00000040109
6.6. Protection grid kit IK10	IK10		Codes: LKITA00000000211

7. WARRANTY	
7.1. Optical group lifetime	≥100.000 hr L85B15



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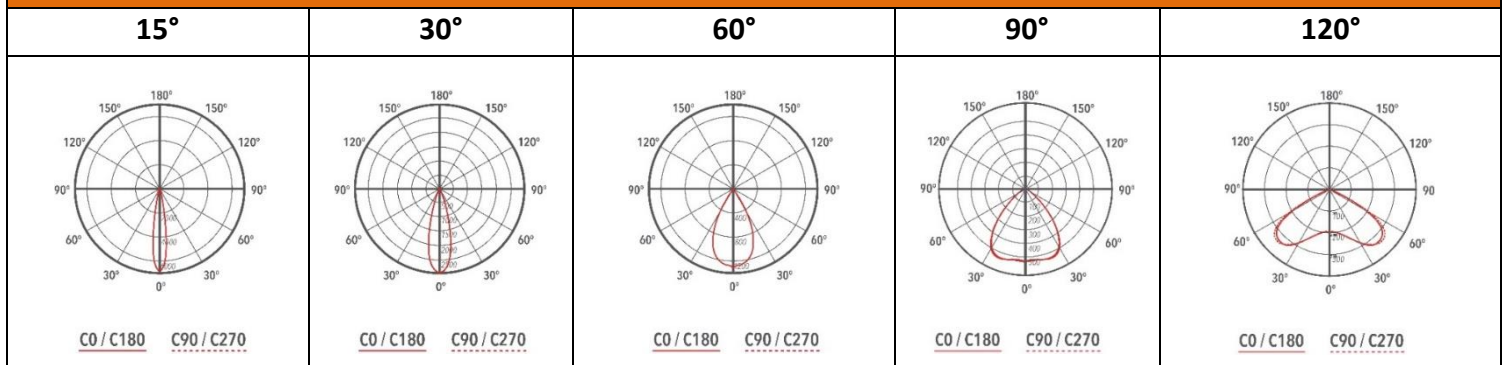
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Code RGBW DMX PRODUCTS CODES	Power (Watt)	Fitting output ( Lumen ) +/- 10%	CRI / NM	Optic	Optic type
L000QX715CV40090_DMX	All colours 90 W		-	15°	Symmetric
4000K	30W	3363	CRI 80	15°	Symmetric
Green	30W	1848	NM 520	15°	Symmetric
Blue	30W	461	NM 460	15°	Symmetric
Red	30W	1056	NM 620	15°	Symmetric
L000QX730CV40090_DMX	All colours 90 W		-	30°	Symmetric
4000K	30W	3352	CRI 80	30°	Symmetric
Green	30W	1846	NM 520	30°	Symmetric
Blue	30W	468	NM 460	30°	Symmetric
Red	30W	1053	NM 620	30°	Symmetric
L000QX760CV40090_DMX	All colours 90 W		-	60°	Symmetric
4000K	30W	3236	CRI 80	60°	Symmetric
Green	30W	1783	NM 520	60°	Symmetric
Blue	30W	451	NM 460	60°	Symmetric
Red	30W	1043	NM 620	60°	Symmetric
L000QX790CV40090_DMX	All colours 90 W		-	90°	Symmetric
4000K	30W	3223	CRI 80	90°	Symmetric
Green	30W	1783	NM 520	90°	Symmetric
Blue	30W	446	NM 460	90°	Symmetric
Red	30W	1052	NM 620	90°	Symmetric
L000QX7BACV40090_DMX	All colours 90 W		-	120°	Symmetric
4000K	30W	3073	CRI 80	120°	Symmetric
Green	30W	1698	NM 520	120°	Symmetric
Blue	30W	428	NM 460	120°	Symmetric
Red	30W	989	NM 620	120°	Symmetric

## 9. PHOTOMETRIC CURVES

### SYMMETRIC



#### Tender specifications

A smooth and essential design for a floodlight that becomes the main character of the space through a distinct style. Body in die-cast aluminum in UNI EN 46100 alloy. First layer of epoxy primer + double painting with polyester powder resistant to salt fog, stabilized against UV rays, UV Class II. Equipped with galvanized iron bracket with goniometer and anti-rotation block. AISI 304 stainless steel screws. 5 mm sodium-calcium type extra-clear tempered glass, resistant to thermal shock and impacts, guaranteed transparency of 91%. Silicone gaskets. 220-240 Vac power supply, 4 RGBW channels total power 90 W +/-10%. Equipped with integrated DMX control. Product supplied with 0.3 metre of 3 x 1mm<sup>2</sup> neoprene cable + 0.5m 2x0.35mm<sup>2</sup> + Shield for DMX. Optical unit with 100 LEDs. Colour Coefficient CRI80. Red led frequency 620nm, Green led frequency 520nm, Blue led frequency 460nm. Colour temperature white 4000K (available on request: 3000K, 5000K). Protected against mechanical impacts equal to 5 Joules IK08, ROHS approval, IP66, CE conformity, luminaire in CL I. Photobiological risk group: RG0 (luminaires that do not present photobiological risks according to EN62471. Ask the manufacturer for the distance from the observation point, if necessary). Operating temperature: - 40°C + 45°C. Optical drive life: ≥100,000 hours L85B10 Ta=25°C. Warranty: 5 years.