

10. Technical Specifications

Electrical

Power supply:.....electronic auto-ranging
Input voltage range:..... supply 100-240V, 50/60Hz
Fuse:.....T 8 A@230V
Power consumption*:.....650 W @230V (power factor=0,97, I=2.65A)
*Allow for a deviation of +/-10%

Optic

Light source: 37 high power RGBW LED multichips
3 zones with individual colour control of each
Typical Lumen Maintenance: 70% @ 60,000 hours
LED life expectancy: 60.000 hours
RGBW colour mixing +CTC

Virtual colour wheel

237 colours including whites (2700K, 3200K, 4200K, 51000K and 8000K)
Halogen lamp effect at whites 2700K and 3200K
Rainbow effect with in both directions with variable speed
Zone effects in both directions with variable speed

Strobe

All LED zones together:
 Strobe effect with variable speed (0.3 - 20Hz)
 Random strobe pulse-effect with variable speed
 Opening/closing pulse effect with variable speed
Independent strobe effect with variable speed (0.3 - 20Hz) at LED zone 3
Random strobe and random LED zone effect

Dimmer

Smooth dimmer from 0 - 100 %

Zoom

Motorized

Pan/Tilt

Pan movement range: 450°
Tilt movement range: 270° (standard), 260 (reduced)
16 bit movement resolution
Automatic Pan/Tilt position correction
Remotely controllable speed of pan/tilt movement for easy programming

Control

Graphic touch screen for fixture setting and addressing
Gravitation sensor for auto screen positioning
Battery backup of the touch screen
Readout fixture usage, receiving DMX values, temperatures, etc
Built-in analyzer for easy fault finding, error messages
Built-in demo sequences
Silent fans cooling,
Stand-alone operation
3 user editable programs, each up to 100 steps
Supported protocols: USITT DMX 512, RDM, ArtNet, MANet, MANet2
Support of RDM (Remote Device Management)
5 DMX modes (37, 21, 15, 10, 37 control channels)

Wireless DMX/RDM module

Compliance with USITT DMX-512 (1986 & 1990) and 512-A
Full DMX fidelity and frame integrity
Auto sensing of DMX frame rate and frame size
<5ms DMX latency
Operational frequency range of 2402-2480 MHz
Producer: LumenRadio

Connection

DMX data in/out: Locking 3-pin and 5-pin XLR
Ethernet: RJ45
Power In: Chassis connector Neutrik PowerCon, A-type, NAC3MPA
Power cord included

Rigging

Mounting points: 2 pairs of 1/4-turn locks
Mounting horizontally or vertically via 2 Omega brackets

Temperatures

Maximum ambient temperature : 45° C
Maximum housing temperature : 80° C

Minimum distances

Min. distance from flammable surfaces: 0.5 m
Min. distance to lighted object: 1.5 m

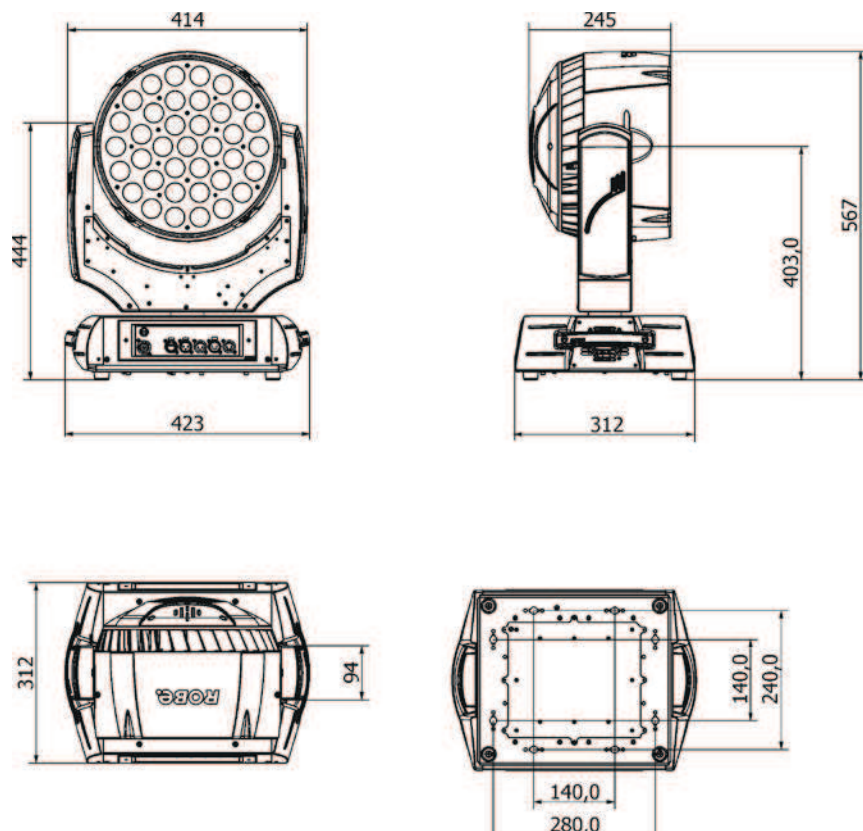
Total heat dissipation

2217 BTU/h (calculated)

Weight (net):

19.4 kg

Dimensions (mm)

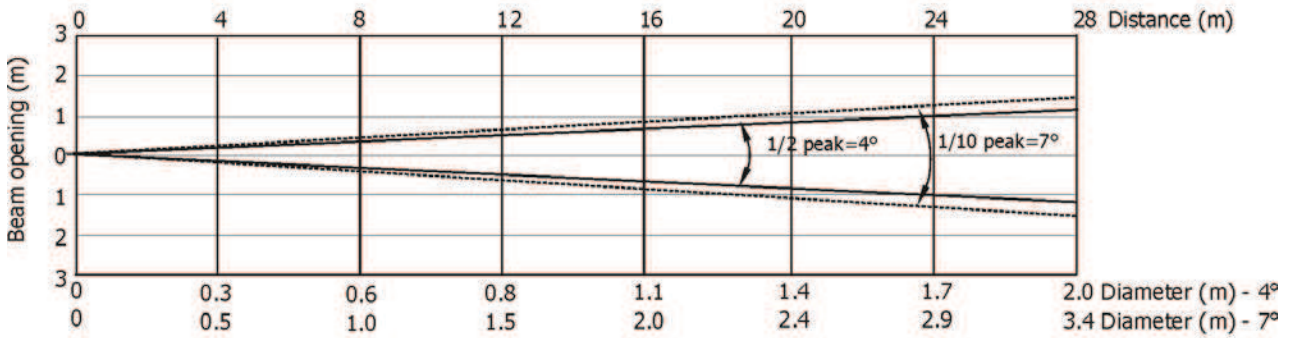


Accessories

Omega holder (No.99010420).....2 pcs

Photometric charts

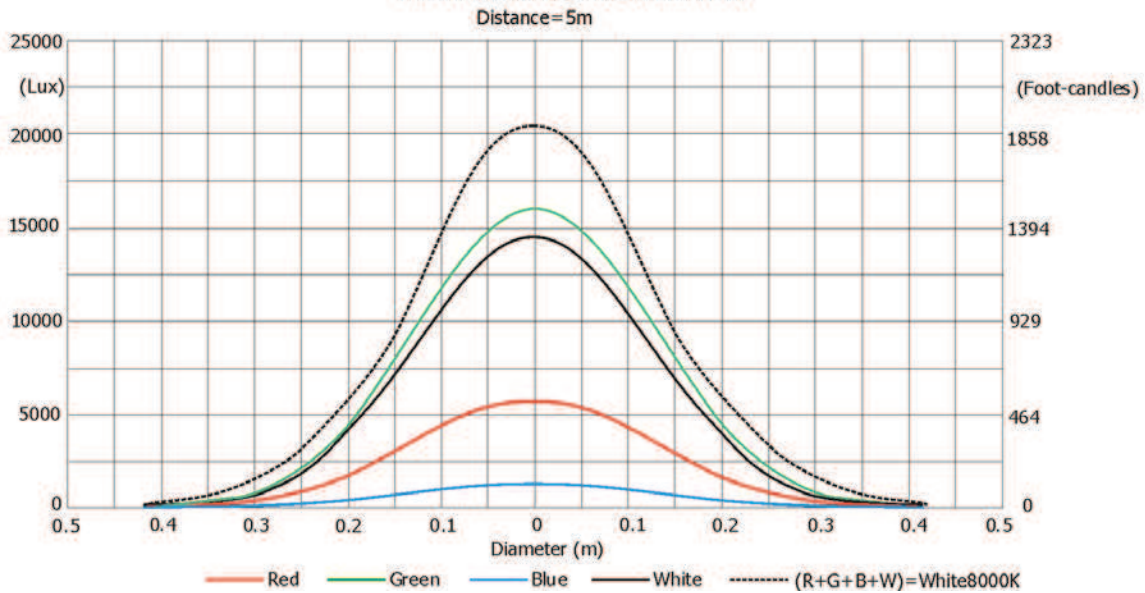
Min. zoom



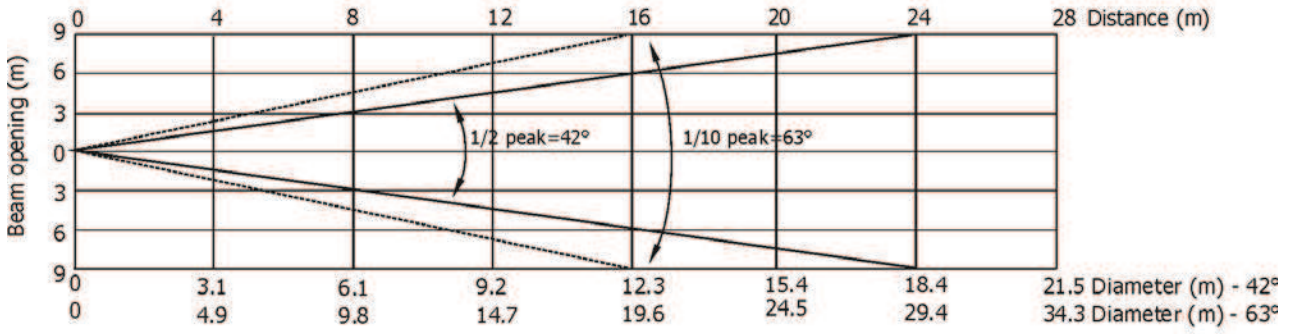
Distance (m)	4	5	8	12	16	20	24	28	
Red	9000/836	5760/535	2250/209	1000/93	563/52	360/33	250/23	184/17	Intensity (center) Lux/Footcandles
Green	25672/2385	16430/1526	6418/596	2852/265	1600/149	1027/95	713/66	524/49	
Blue	2453/228	1570/146	613/57	272/25	153/14	98/9	68/6	50/5	
White	23016/2138	14730/1369	5754/535	2557/238	1439/134	921/86	640/60	470/44	
R+G+B+W	31844/2958	20380/1893	7961/740	3538/328	1990/185	1274/118	885/82	650/60	

*RGBW mixed into calibrated White 8000K

Illuminance distribution



Max. zoom



Distance (m)	4	5	8	12	16	20	24	28	
Red	378/35	242/23	95/9	42/4	24/2	15/1.4	11/1	7/0.7	Intensity (center) Lux/Footcandles
Green	1148/107	735/68	287/27	128/12	72/7	46/4	32/3	23/2.2	
Blue	113/11	72/7	28/2.6	13/1.2	7/0.7	4.5/0.4	3/0.3	2.1/0.2	
White	1016/95	650/60	254/24	113/11	64/6	41/4	28/2.6	21/1.9	
R+G+B+W*	1414/131	905/84	353/33	157/15	88/8	56/5	39/4	29/3	

*RGBW mixed into calibrated White 8000K

Illuminance distribution

