

Explorer III

Outdoor fine pitch COB



Built for demanding outdoor environments, the Explorer III COB Series features advanced Flip Chip COB technology and a robust IP65 rated design. It delivers vivid, lifelike visuals with high color accuracy, while the die-cast aluminum structure offers excellent fire resistance and protection against burning droplets or falling debris. With support for curved, 90 degree, and standard installations, Explorer III combines flexibility, durability, and long lasting performance in any outdoor application.

Specification

	EP015	EP019	EP026
Pixel pitch (mm)	1.56	1.95	2.6
LED type	Flip Chip COB		
Cabinet Resolution (WxH)	320x320	256x256	192x192
Cabinet size (WxHxD, mm)	500 x 500x 63		
Aspect ratio	1:1		
Net.weight/cabinet	9.5 kg		
Cabinet material	Die-casting aluminium		
Maintenance	Front / Rear		
IP Rating	Front IP65 / Rear IP65		
Driving method	1/20	1/16	1/16
Brightness (cd/m2)	3,500		
Contrast ratio	10,000:1		
Refresh rate	≤ 3,840 Hz		
Color processing	16 bits		
Viewing angle (H/V)	140° / 140°		
Color temperature (K)	3,000-9,500		
Dimming level	256		
Max./Avg. power consumption (per m2)	720 W / 240 W		
Power supply	AC100-240V, 50/60 Hz		
Operating temperature	-20°C to 50°C		
Operating humidity	10 to 90 %		
Led lifetime	100,000 hrs		
Certificates	CE; ETL; FCC Class A; Rohs		

Transtech global

This document is © 2025 Transtech EMEA GmbH. All rights reserved. All hardware and software names are trademarks and/or registered trademarks of their respective owners. Specifications are subject to change without notice. Errors and omissions excepted



TRANSTECH

www.trtled.com

info@trtled.com