

HD LIGHT HANDRAILS

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Boplan reference: HD0900...



PRODUCT SPECIFICATIONS

APPLICATION			
Protection	Handrail system for the physical demarcation of pedestrian zones. HD Light handrails are not intended for impact with fork lift trucks or other motorized vehicles.		
MATERIAL			
Posts and rails	Extrilene® - UV resistant - Fire class E® - Non conductive - Impervious to most chemicals**		
Caps	Sustainable elastomer		
STANDARD COLOURS			
End post / Mid post	Standard: Black RAL 9005 Alternative: Yellow RAL 1003		
Handrails	Standard: Yellow RAL 1003 Alternative: Black/Photolum; Black/Red; Black/Yellow; Yellow/black; Yellow/Photolum		
BASEPLATES			
	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	Stainless steel 304
Coating	Lacquered	Electroplated + Laquered	No lacquer / No coating
Colour	High gloss black	Mat black	Natural colour

*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.

**Ask your local sales office for resistance to specific chemicals.

FIXATIONS				
			ZC (Zinc coated)	SS (Stainless steel)
STANDARD	Wedge anchor		1/2 in x 4 1/2 in	Not available
	Wedge anchor		M12 x 120 mm	M12 x 120 mm
ALTERNATIVES	Concrete screw		Ø12mm x 100mm	Not available
	Anchor rod (Chemical)		M12 x 120 mm + Chemical resin	M12 x 120 mm + Chemical resin
	Asphalt anchor		Bolt M10 x 40 mm + Screw Ø16 mm	Not available
	Spit anchor		Bolt M12 x 100 mm + Plug Ø20 mm	Not available



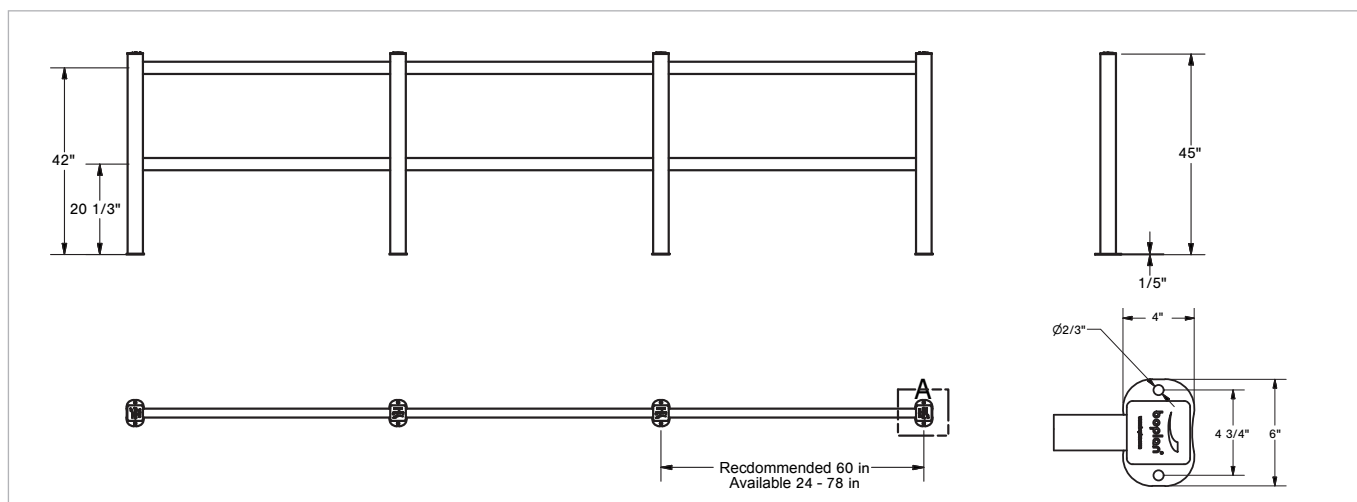
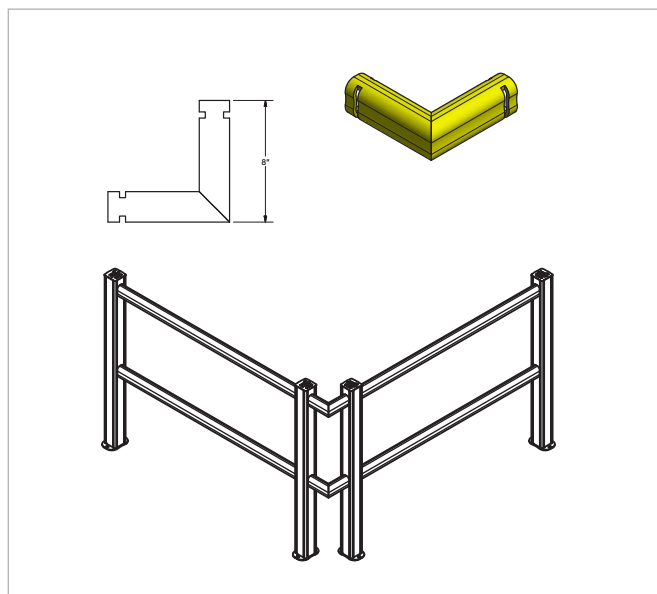
FEATURES AND FUNCTIONALITY - HD LIGHT

SIZE	
Height end posts	45 1/3 in
Height mid post	45 1/3 in
Profile section handrail	2 x 3 in (1/5 in wall thickness)
Profile section posts	3 1/2 x 3 1/2 in (1/3 in wall thickness)
Standard rail length	Standard length: 60 in (center - center dimension)
Baseplate	6 x 4 in (1/5 in thick)

REQUIREMENTS	
Concrete quality	minimum 4000 PSI (C25/30)
Concrete floor plate thickness	minimum 6 in
Concrete slab dimension around posts (in)	15 3/4 (h) x 15 3/4 (w) x 11 4/5 (d)
Operational temperature	14°F up to 104°F
Water and humidity	Steel (standard): dry indoor use only. Zinc coated: outdoor use in most environments. Stainless Steel: outdoor use or frequent exposure to water and humidity.

COMPLIANCE

The HD LIGHT handrail complies with safety standard EN14122-3 chapter 7 and 8 related to the strength of the rails and posts. Tested and approved by **TUV Nord**.



REFERENCE LIST - HD LIGHT

POSTS			
	BLACK	MULTI Colour 	
End post - 2R End post - 2R - ZC End post - 2R - SS	HD0900-0001-EPBL HD0900-0001-EPBLZ HD0900-0001-EPBLS	HD0900-0001-EPMC HD0900-0001-EPMCZ HD0900-0001-EPMCS	
Mid post - 2R Mid post - 2R - ZC Mid post - 2R - SS	HD0900-0001-MPBL HD0900-0001-MPBLZ HD0900-0001-MPBLS	HD0900-0001-MPMC HD0900-0001-MPMCZ HD0900-0001-MPMCS	
Blank post - 2R Blank post - 2R - ZC Blank post - 2R - SS	HD0900-0001-BPBL HD0900-0001-BPBLZ HD0900-0001-BPBLS	HD0900-0001-BPMC HD0900-0001-BPMCZ HD0900-0001-BPMCS	

POSTS - 90° TURNED BASEPLATE		
	BLACK	
End post - 2R End post - 2R - ZC End post - 2R - SS	HD0900-0001-EP90BL HD0900-0001-EP90BLZ HD0900-0001-EP90BLS	
Mid post - 2R Mid post - 2R - ZC Mid post - 2R - SS	HD0900-0001-MP90BL HD0900-0001-MP90BLZ HD0900-0001-MP90BLS	

RAIL SETS (2R)						
Center - Center length	BLACK / PHOTOLUM	BLACK / RED	BLACK / YELLOW	YELLOW / BLACK	YELLOW	YELLOW / PHOTOLUM
24 in	HD0900-0610-0001BP	HD0900-0610-0001BR	HD0900-0610-0001BY	HD0900-0610-0001YB	HD0900-0610-0001YE	HD0900-0610-0001YP
36 in	HD0900-0915-0001BP	HD0900-0915-0001BR	HD0900-0915-0001BY	HD0900-0915-0001YB	HD0900-0915-0001YE	HD0900-0915-0001YP
48 in	HD0900-1220-0001BP	HD0900-1220-0001BR	HD0900-1220-0001BY	HD0900-1220-0001YB	HD0900-1220-0001YE	HD0900-1220-0001YP
60 in	HD0900-1525-0001BP	HD0900-1525-0001BR	HD0900-1525-0001BY	HD0900-1525-0001YB	HD0900-1525-0001YE	HD0900-1525-0001YP
72 in	HD0900-1828-0001BP	HD0900-1828-0001BR	HD0900-1828-0001BY	HD0900-1828-0001YB	HD0900-1828-0001YE	HD0900-1828-0001YP
78 in	HD0900-1980-0001BP	HD0900-1980-0001BR	HD0900-1980-0001BY	HD0900-1980-0001YB	HD0900-1980-0001YE	HD0900-1980-0001YP
10 - 78 in	HD0901-2000-0001BP	HD0901-2000-0001BR	HD0901-2000-0001BY	HD0901-2000-0001YB	HD0901-2000-0001YE	HD0901-2000-0001YP
CORNER RAIL SETS (2R)						
Corner rail set 90°	HD0900-0200-C90BP	HD0900-0200-C90BR	HD0900-0200-C90BY	HD0900-0200-C90YB	HD0900-0200-C90YE	HD0900-0200-C90YP
Corner rail set 135°	HD0900-0200-C45BP	HD0900-0200-C45BR	HD0900-0200-C45BY	HD0900-0200-C45YB	HD0900-0200-C45YE	HD0900-0200-C45YP

