

HD LIGHT BOPLAN HANDRAIL LIGHT SPECIFICATION SHEET

Revision: 9 October 2018 12:01 PM
Boplan reference: HD0900- ...



PRODUCT SPECIFICATIONS

APPLICATION

Protection	Handrail system for the physical demarcation of pedestrian zones.
Advisory speed	HD Light handrails are not intended for impact with fork lift trucks or other motorized vehicles.

MATERIAL

Posts and rails	Polyolefin - UV resistant - Fire class HB* - Non conductive - Impervious to most chemical products**
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STANDARD COLORS

End post	Black
Mid post	Black
Handrails	Yellow Black/Photolum; Black/Red; Black/yellow; Yellow/black; Yellow/Photolum

BASEPLATES

	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	INOX (RVS 304)
Coating	Lacquered	Lacquered + electro plating	No lacquer / No coating
Color	High gloss black	Matt black	Natural color

FIXATIONS

	ZINC COATED	INOX
EXPANSION ANCHOR 	Length = 120 mm Size = M12 Drill hole diameter = 12 mm Max load (pull out) = 7.9 kN	Length = 120 mm Size = M12 Drill hole diameter = 12 mm Max load (pull out) = 7.9 kN
THREADED ROD (WITH CHEMICAL ANCHOR) 	Length = 120 mm Size = M12 Drill hole diameter = 14 mm Max load (pull out) = 16 kN	Length = 120 mm Size = M12 Drill hole diameter = 14 mm Max load (pull out) = 16 kN

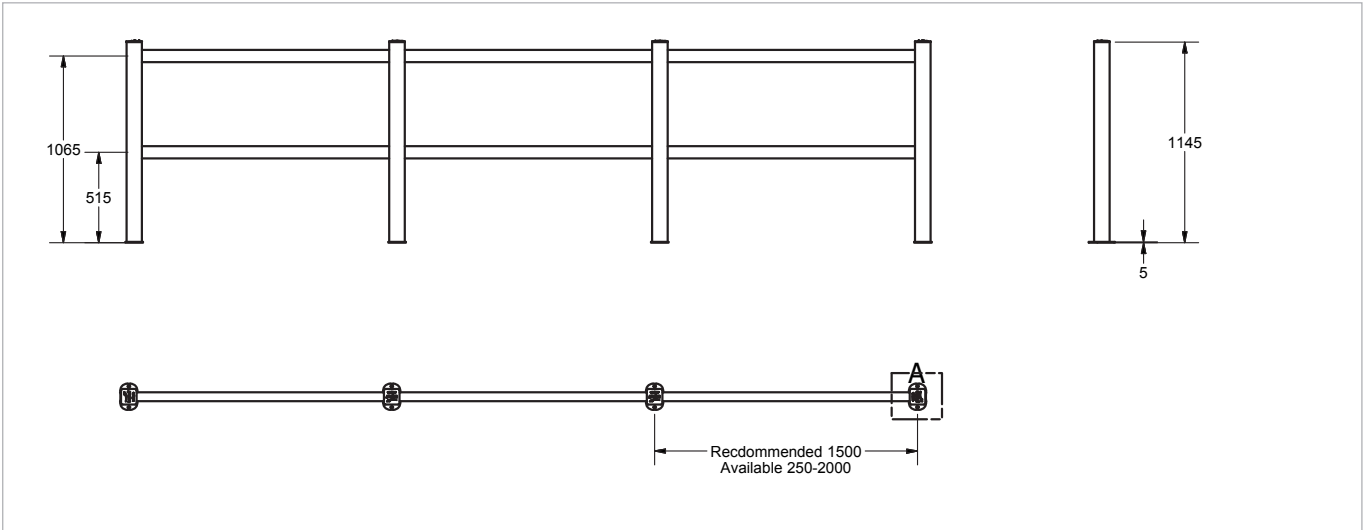
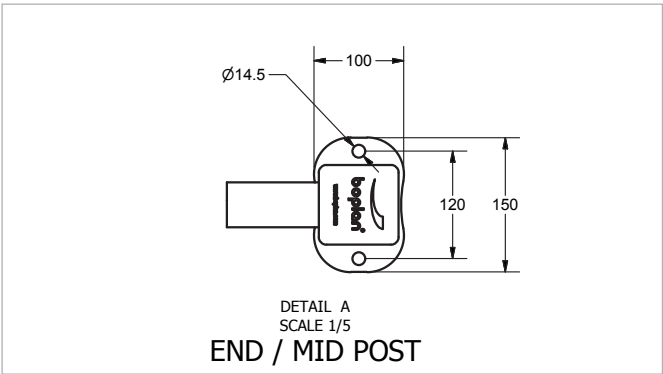
*Fire class HB = Slow burning; classification according to UL94: US Standard for Safety of Flammability of Plastics
**Ask your local sales office for resistance to specific chemicals.



FEATURES AND FUNCTIONALITY

SIZE	
Height end posts	1150 mm
Height mid post	1150 mm
Profile section handrail	50 mm x 70 mm (6 mm wall thickness)
Profile section posts	88 mm x 88 mm (7.5 mm wall thickness)
Standard rail length	Standard length: 1500 mm (center - center dimension)
Baseplate	150 mm x 100 mm (5 mm thick)
IMPACT PERFORMANCE	
HD Light handrails are not intended for impact with fork lift trucks or other motorized vehicles.	




REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness (mm)	minimum 150 mm
Concrete slab dimension around posts (mm)	400 (h) x 400 (w) x 300 (d)
Operational temperature	-10°C up to +40°C
Water and humidity	Steel (standard): dry indoor use only. Zinc coated: outdoor use in most environments. RVS: outdoor use or frequent exposure to water and humidity.

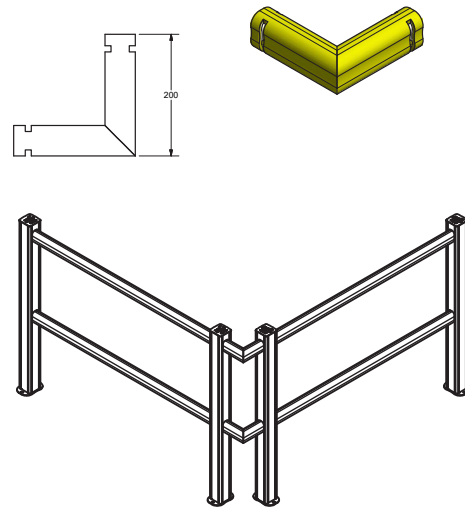


S = Stainless steel (=inox = RVS)
 Z = Zinc coated (=galvanized)
 C = chamfered
 YE = Yellow



REFERENCE LIST - HD LIGHT 2 RAILS

POSTS		
End post - 2R End post - 2R - SS End post - 2R - Zinc coated	HD0900-0001-EPBL HD0900-0001-EPBLS HD0900-0001-EPBLZ	
Mid post - 2R Mid post - 2R - SS Mid post - 2R - Zinc coated	HD0900-0001-MPBL HD0900-0001-MPBLS HD0900-0001-MPBLZ	
Blank post - 2R Blank post - 2R - SS Blank post - 2R - Zc	HD0900-0001-BPBL HD0900-0001-BPBLS HD0900-0001-BPBLZ	



RAIL SETS (2R)						
Center - Center length	BLACK / PHOTOLUM	BLACK / RED	BLACK / YELLOW	YELLOW / BLACK	YELLOW	YELLOW / PHOTOLUM
500 mm	HD0900-0500-0001BP	HD0900-0500-0001BR	HD0900-0500-0001BY	HD0900-0500-0001YB	HD0900-0500-0001YE	HD0900-0500-0001YP
750 mm	HD0900-0750-0001BP	HD0900-0750-0001BR	HD0900-0750-0001BY	HD0900-0750-0001YB	HD0900-0750-0001YE	HD0900-0750-0001YP
1000 mm	HD0900-1000-0001BP	HD0900-1000-0001BR	HD0900-1000-0001BY	HD0900-1000-0001YB	HD0900-1000-0001YE	HD0900-1000-0001YP
1250 mm	HD0900-1250-0001BP	HD0900-1250-0001BR	HD0900-1250-0001BY	HD0900-1250-0001YB	HD0900-1250-0001YE	HD0900-1250-0001YP
1500 mm	HD0900-1500-0001BP	HD0900-1500-0001BR	HD0900-1500-0001BY	HD0900-1500-0001YB	HD0900-1500-0001YE	HD0900-1500-0001YP
1750 mm	HD0900-1750-0001BP	HD0900-1750-0001BR	HD0900-1750-0001BY	HD0900-1750-0001YB	HD0900-1750-0001YE	HD0900-1750-0001YP
2000 mm	HD0900-2000-0001BP	HD0900-2000-0001BR	HD0900-2000-0001BY	HD0900-2000-0001YB	HD0900-2000-0001YE	HD0900-2000-0001YP
250-2000 mm	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

