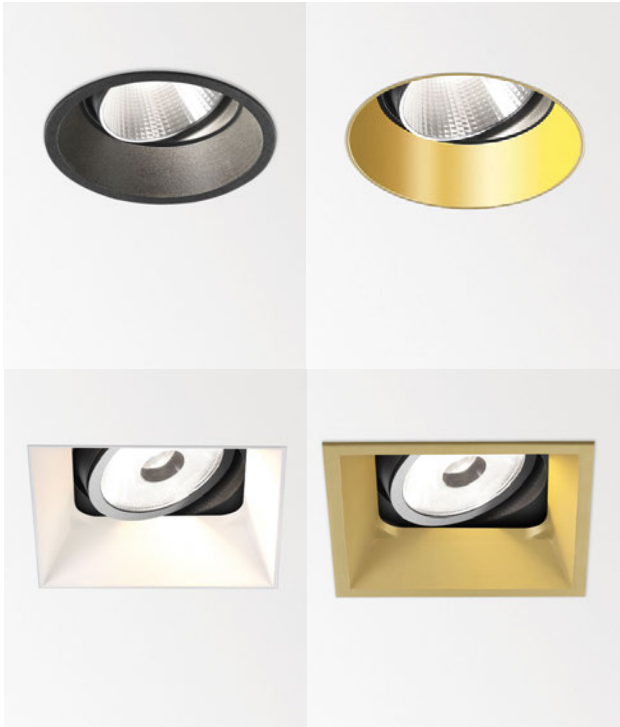


ENTERO L



Listing
ETL certified to US and Canadian safety standards.

Warranty
5-year limited warranty.

Entero is a set of lighting tools enabling architects and designers to create discrete but diverse lighting schemes, using only one luminaire type throughout the entire project. A complete range of recessed downlights provide a solution for diverse lighting dilemmas, with field-changeable optics, dedicated super spots and wallwash units. Entero is presented as a set of adjustable luminaires, available in different power levels corresponding to size (small, medium, and large), with a multitude of beam angles, with or without trim, both for interior and exterior applications. For extra flexibility and project diversity, options such as Soft Dim and Tunable White complete the Entero family.

Specification	Round ST	Round TL	Square ST	Square TL
LED Aperture	2 7/16"			
Ceiling Cut-out:	4 13/32"	6 3/8"	4 13/32"	5 9/16"
Ceiling Thickness:	Max 5/8"			
Adjustability:	Adjustable 0-30° / 355°			
Rating:	Available IP20, IP44 & IP65, see ordering below			

Performance	Static CCT			TW1
Optic:	SS	NS/MD/WS	WW	(all)
LED Maintenance:	L90>41,000h	L90>50,000h		L90>50,000h
McAdam Step:	2	1		2
CRI:	90	90		90
*LP:	12W			
*MP:		35W	13W	
*HP:		42W	19W	
*SP:				20W

Delivered Lumens	3000K				2700-6500K		
**See page 3 for details	SS	NS	MD	WS	NS	MD	WS
Entero L:	709Lm	2747Lm	2788Lm		1619Lm	1613Lm	1617Lm
Entero L HP:		3610Lm	3637Lm	3604Lm			

Ordering

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: ENT-L-RSPMP4-27-NATD1-120-AST-B

		-		-		-		-		-						
Luminaire	Size	Shape	Optic**	Power*	Rating	CCT	Application ⁽⁴⁾	Controls***	Function	Installation	Finish					
ENT ENTERO	L Large	R Round S Square	NS Narrow Spot 18°	MP Medium Power	4 ⁽⁴⁾ IP44 for interior use, wet environments	27 2700K	NAT New Construction Non-IC AIRTIGHT	D1-120 0-10V dim 120V	A Adjustable	ST Recessed with small trim	B Black					
					6 ⁽²⁾ IP65 for exterior use	30 3000K	NPF New Construction Non-IC Plasterframe	D1-277 0-10V dim 277V								
			MD Medium Spot 30°	HP High Power	2 IP20 for interior use	35 3500K		D1-347 0-10V dim 347V				TL ^(2,4) Recessed with mud-in trimless kit	GC ⁽²⁾ Gold Colored			
								D14-120 Triac, ELV & 0-10V dim 120V								
			WS ⁽¹⁾ Medium Wide Spot 45°	SP Standard Power	2 IP20 for interior use	TW1 2700-6500K	NAT_RMT New Construction Non-IC AIRTIGHT + Remote Power Supply	D1-UNV 0-10V dim 120-277V						D1-347 0-10V dim 347V	W White	
					4 ⁽⁴⁾ IP44 for interior use, wet environments											
					6 ⁽²⁾ IP65 for exterior use	TW1 2700-6500K	IAT_RMT New Construction IC AIRTIGHT + Remote Power Supply									
							INAT_RMT ⁽³⁾ New Construction IC Non-Airtight									

1 Optic WS & Trimless (Installation TL) not available in Power MP.
2 IP65 (Rating 6) not available in Trimless (Installation TL) or Gold Colored (Finish GC).
3 Provided with UNV 120-277V driver when using Controls D1.
4 IP44 (Rating 4) not available in Trimless (Installation TL).
*** Contact factory for Dali, DMX, or other dimming options.

Ordering

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: ENTL-RSSLP2-35-NPF_RMTD1-UNV-AST-W

Luminaire	Size	Shape	Optic**	Power*	Rating	CCT	Application	Controls***	Function	Installation	Finish
ENT ENTERO	L Large	R Round S⁽¹⁾ Square	SS Super Spot	LP Low Power	2 IP20 for interior use 6⁽²⁾ IP65 for exterior use	27 2700K 30 3000K 35 3500K	IAT⁽³⁾ New Construction-IC AIRTIGHT INAT⁽³⁾ New Construction-IC Non-Airtight NPF⁽⁴⁾ New Construction-NON-IC 2 PLASTERFRAME	D1-120 0-10V dim 120V D1-277 0-10V dim 277V D1-347 0-10V dim 347V D5-120⁽⁵⁾ Dali dim 120V D5-277⁽⁵⁾ Dali dim 120V D8-120⁽⁵⁾ FE ELV dim 120V	A Adjustable	ST Recessed with small trim TL⁽²⁾ Recessed with mud-in trimless kit	B Black GC⁽²⁾ Gold Colored W White
			WW⁽¹⁾ Wallwash	LP⁽⁴⁾ Low Power MP Medium Power SP Standard Power	2 P20 for interior use, damp environments 2 IP20 for interior use, damp environments	TW1 2700-6500K	NAT_RMT New Construction-NIC AIRTIGHT + Remote Power Supply	D1-UNV 0-10V dim 120-277V D1-347 0-10V dim 347V			

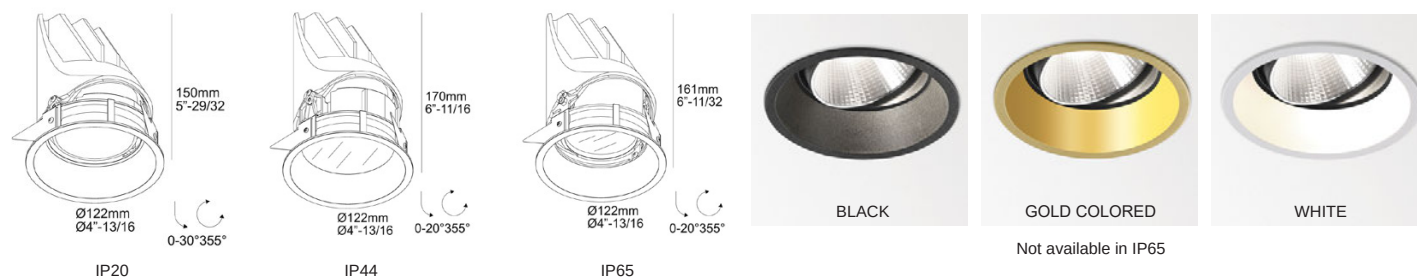
1 Shape S not available in Optic WW.
 2 IP65 (Rating 6) not available in Trimless (Installation TL) or Gold Colored (Finish GC).
 3 Provided with UNV 120-277V driver when using Controls D1 or D5.
 4 Optic WW in Power LP only available with IAT or INAT.
 5 Controls D5 only available with Optic WW.
 *** Contact factory for Dali, DMX, or other dimming options.

Related Products

Entero S, Entero M

Finish Options

ENTERO L ROUND ST



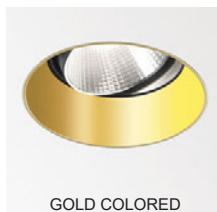
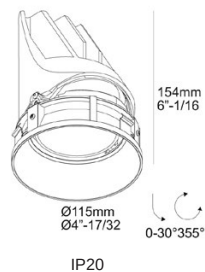
ENTERO L ROUND ST WALLWASH



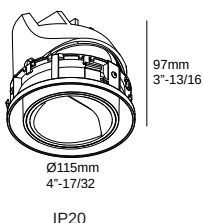


Finish Options

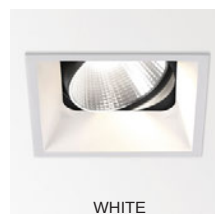
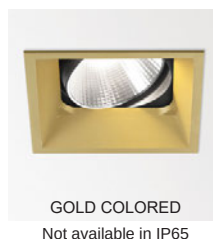
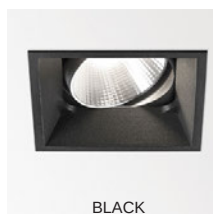
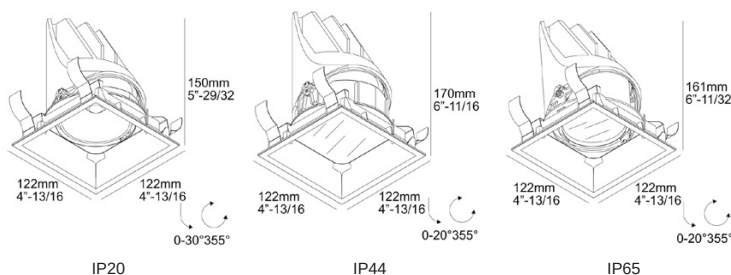
ENTERO L ROUND TL



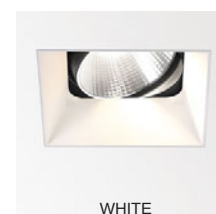
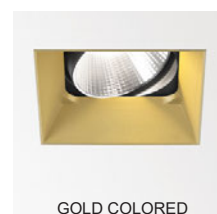
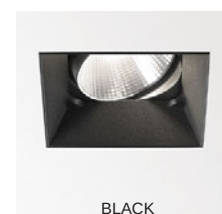
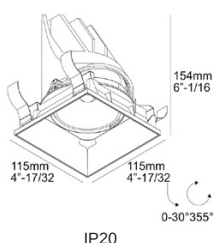
ENTERO L ROUND TL WALLWASH



ENTERO L SQUARE ST



ENTERO L SQUARE TL

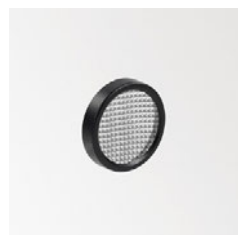


Accessories



LINEAR SPREAD LENS
28500 0130

Only available for
Optic SP or FL Rating 6 only
-or- CCT TW (all)



SPREAD LENS
28500 0140

Only available for
Optic SP or FL Rating 6 only
-or- CCT TW (all)



SOFTENING LENS
28500 0150

Only available for
Optic SP or FL Rating 6 only
-or- CCT TW (all)



GLASS SBL
28500 0160

Only available for
Optic SP or FL Rating 6 only
-or- CCT TW (all)



HONEYCOMB
28500 0170

Only available for
Optic SS Rating 2 or 6 -or-
Optic SP or FL Rating 6 only

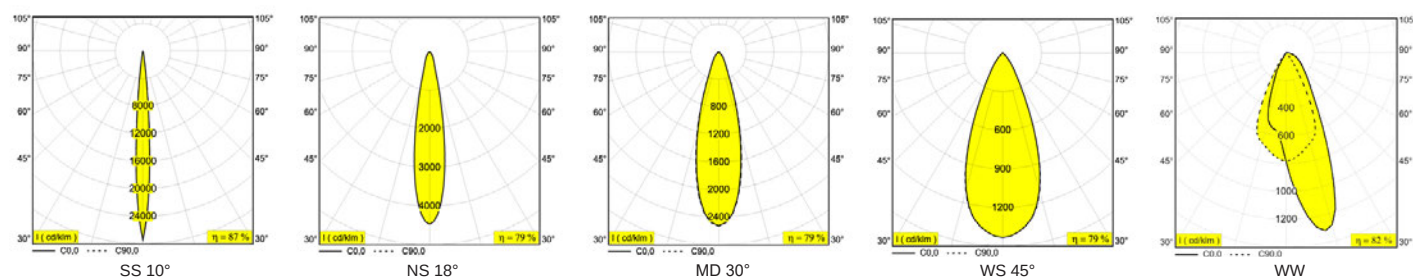


Photometric Data - Round

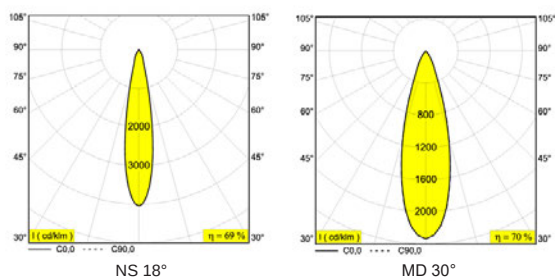
Delivered Lumens	2700K					3000K					3500K				
Optic	10°	18°	30°	45°	WW	10°	18°	30°	45°	WW	10°	18°	30°	45°	WW
Entero L LP:	708Lm				1284Lm	709Lm				1342Lm	708Lm				1391Lm
Entero L MP IP20:					1806Lm					1887Lm					1957Lm
Entero L MP IP44:		2628Lm	2667Lm				2747Lm	2788Lm				2846Lm	2889Lm		
Entero L MP IP65:	645Lm	2626Lm	2623Lm			647Lm	2745Lm	2742Lm			647Lm	2844Lm	2841Lm		
Entero L HP:		3453Lm	3479Lm	3448Lm			3610Lm	3637Lm	3604Lm			3741Lm	3769Lm	3735Lm	

Delivered Lumens	2700-6500K			
Optic	18°	30°	45°	WW
Entero L SP IP20:	1619Lm	1613Lm	1617Lm	1690Lm
Entero L SP IP44:	1420Lm	1441Lm		
Entero L SP IP65:	1419Lm	1417Lm		

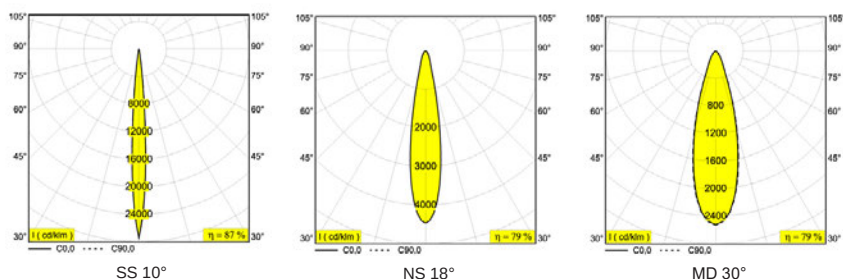
ENTERO L ROUND IP20



ENTERO L ROUND IP44



ENTERO L ROUND IP65

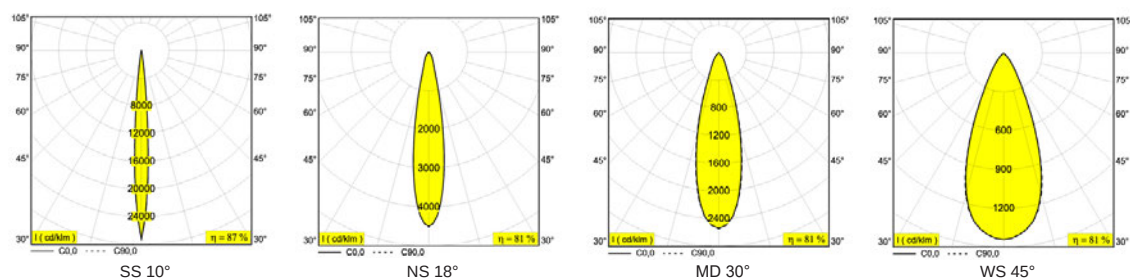




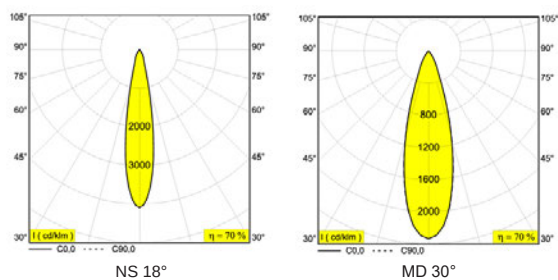
Photometric Data - Square

Delivered Lumens	2700K				3000K				3500K			
Optic	10°	18°	30°	45°	10°	18°	30°	45°	10°	18°	30°	45°
Entero L LP	709Lm				709Lm				709Lm			
Entero L MP IP44		2658Lm	2679Lm			2778Lm	2800Lm			2879Lm	2902Lm	
Entero L MP IP65	649Lm	2625Lm	2626Lm		649Lm	2744Lm	2744Lm		649Lm	2844Lm	2844Lm	
Entero L HP		3529Lm	3542Lm	3536Lm		3689Lm	3703Lm	3697Lm		3823Lm	3838Lm	3831Lm
Delivered Lumens	2700-6500K											
Optic	18°	30°	45°									
Entero L SP	1655Lm	1661Lm	1658Lm									
Entero L SP IP44	1436Lm	1447Lm										
Entero L SP IP65	1418Lm	1419Lm										

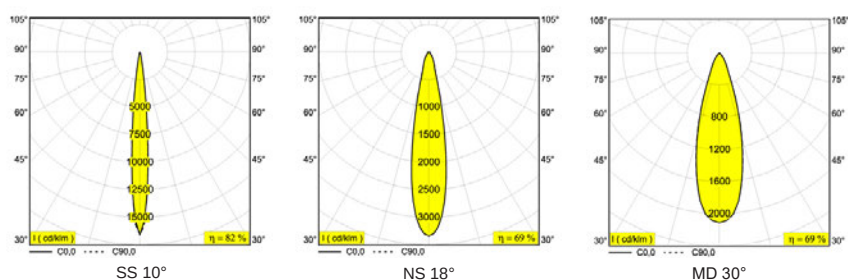
ENTERO L SQUARE IP20



ENTERO L SQUARE IP44



ENTERO L SQUARE IP65

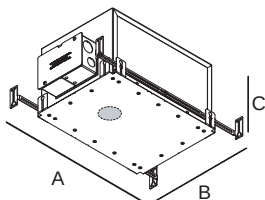




Installation Options

IC AIRTIGHT (Optic SS Only)

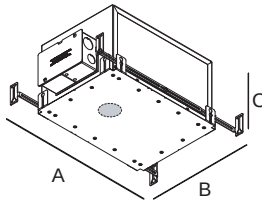
M-Medium:
A:14"-1/4 x **B:**11"-1/16 x **C:**6"-7/8
A:362mm x **B:**281mm x **C:**174mm



- Medium Profile 6"-7/8 Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated

NON-AIRTIGHT (Optic SS Only)

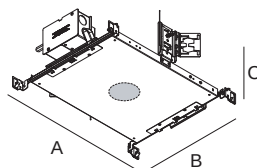
M-Medium:
A:14"-1/4 x **B:**11"-1/16 x **C:**6"-7/8
A:362mm x **B:**281mm x **C:**174mm



- Medium Profile 6"-7/8 Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated
- Voltage dedicated (120V or 277V)

NON-IC AIRTIGHT (Optics NS, MD, & WS)

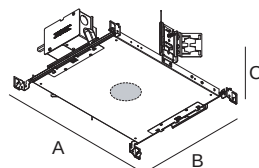
L-Large:
A:18"-7/8 x **B:**12"-7/16 x **C:**5"
A:479mm x **B:**316mm x **C:**127mm



- Low Profile 5" Height
- New Construction
- For use in non-insulated ceiling
- ETL Listed
- Hangerbar expand to 26"- reduce to 14"-3/16
- Damp rated
- Voltage dedicated (120V or 277V)

NON-IC PLASTERFRAME (Optics NS, MD, & WS)

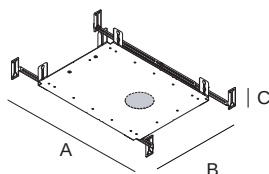
L-Large:
A:18"-7/8 x **B:**12"-7/16 x **C:**5"
A:479mm x **B:**316mm x **C:**127mm



- Low Profile 5" Height
- New Construction
- For use in non-insulated ceiling
- ETL Listed
- Hangerbar expand to 26"- reduce to 14"-3/16
- Damp rated
- Voltage dedicated (120V or 277V)

NON-IC PLASTERFRAME (Optic SS Only)

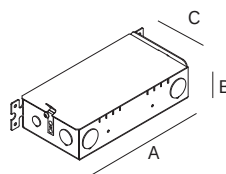
S-SMALL:
A:12"-23/32 x **B:**11"-1/16 x **C:**51"-5/8
A:323mm x **B:**281mm x **C:**40mm



- Low Profile 1"-5/8 Height
- New Construction
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated

REMOVE DRIVER

A: 8" x **B:** 2"-3/16 x **C:** 4"-1/4
A: 203mm x **B:** 72mm x **C:** 108mm



- For Remote application
- ETL Listed
- Damp rated



Driver Options

D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.7mA
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥87
- THD @ Full Load <20%
- Title 24 Compliant

Dimmer Compatibility

- Leviton IP710-DLZ
- Lutron DDTV-XX
- WattStopper ADF-120277
- Synergy Lighting Controls ISD BC

D1 (With CCT TW1)

- Dimming Control 0-10
- Dimming Range 1-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥85
- THD @ Full Load <20%

Dimmer Compatibility

- Leviton IP710-DLZ
- Lutron DDTV-XX

D8

- Dimming Control Phase Control or 0-10V
- Dimming Range 1-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥90
- THD @ Full Load <20%

Dimmer Compatibility Phase

- Leviton IP1106-1LZ / 6631-2
- Lutron DVELV-303P / MAELV-600

Dimmer Compatibility 0-10V

- Leviton IP710-DLZ
- Lutron DDTV-XX

D14

- Dimming Control Phase Control or -10V
- Dimming Range 1-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥90
- THD @ Full Load <20%

Dimmer Compatibility Phase

- Leviton IP1106-1LZ / 6631-2
- Leviton DVELV-303P / MAELV-600

Dimmer Compatibility 0-10V

- Leviton IP710-DLZ
- Leviton DDTV-XX

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.