



Product code	Colour
791-411-21	Mat white
791-411-52	Silver, on demand
791-411-16	Black

General Specifications

Product type	: Spotlights
Mounting type	: LKM 3-phase track
Description	: It is a spotlight for 3-phase electrified tracks, for the latest high efficiency COB LEDs. Merlino can be directed up to a 350° rotation with respect to the horizontal and vertical axes.

Indoor/outdoor lights	: Indoor
Applications	: Art-galleries, Retail , Showrooms

Lighting specifications

Average lamp life (h)	: 50.000
Lamp description	: LED 5250lm 36W 3000K
Nominal lumens on thermal regime	: 5250
Efficiency L.O.R. (%)	: 85,9
Delivered lumens (lm)	: 4510
Lamp wattage (W)	: 36
Color temperature (K)	: 3000

Physical Specifications

Body	: Die-cast aluminium
Finishes	: Polyester painted
Reflector	: Mirror-metallized thermoplastic material
Thermal Dissipation	: Passive

Electrical Specifications

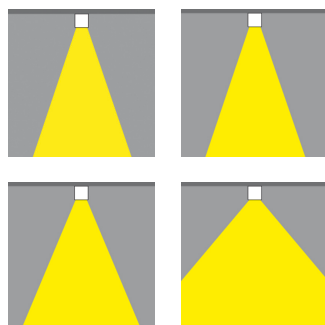
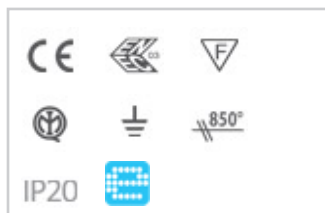
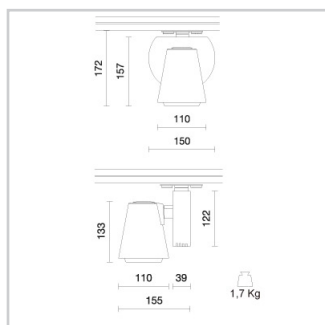
Glow wire (°C)	: 850
Driver	: Included
Driver mounting	: Integrated
Driver type	: Electronic
Voltage (V)	: 220/240
Frequency (Hz)	: 50/60

Weight and Dimensions

External diameter (mm)	: 110
Height (mm)	: 172
Weight (Kg)	: 1.3

Optical Specifications

Aiming	: Adjustable
Light distribution	: Symmetric
Light emission	: Direct
Light beam	: 25°
Horizontal orientation	: 350°
Vertical tilt	: 350°
Note	: 40°, 60° (mirror metallized), 70° (white) optics are available on demand.



Accessories




28-3141-31
Professional
optic device
70°



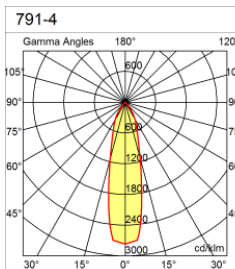
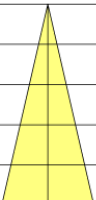
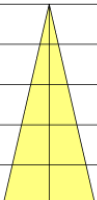
28-3142-51
Professional
optic device
40°



28-3138-51
Professional
optic device
60°

Lamps	Lamp categories	Lamp type	Lamp wattage (W)	Nominal lumens on thermal regime (lm)	Color rendering (CRI)
	LED	COB LED	36	5250	85

Photometrics

791-4 Gamma Angles 180° 120° 90° 75° 60° 45° 30° 15° 0° 15° 30° cd/klm	MERLINO 110 LED 36W 5250 lm					R:100%		I.Max:2764 Cd/Klm		
	H[m]	D[m]	Max lux	Med lux	Alpha=25°	H[m]	D[m]	Max lux	Med lux	Beta=25°
	1.00	0.46	12463	8031		1.00	0.46	12463	8031	
	2.00	0.92	3116	2008		2.00	0.92	3116	2008	
	3.00	1.38	1385	892		3.00	1.38	1385	892	
	4.00	1.84	779	502		4.00	1.84	779	502	
	5.00	2.30	499	321		5.00	2.30	499	321	

Pictures and Applications

