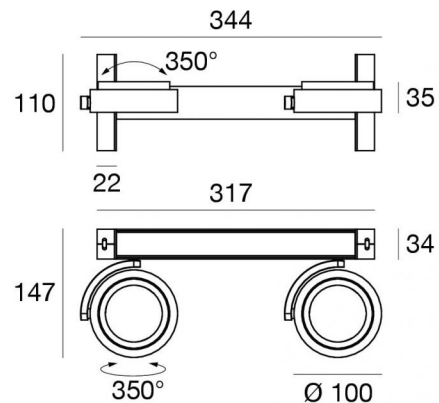


| CRI 90
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Technische Daten	
Typ	Systeme - Scheinwerfer
Installationsposition	Kabel
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	25 W DC
Gesamtleistung	27 W
Lichtstrom (Lichtquelle)	3082 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	2
IP	IP20
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	350 °
Gesamtwinkel (horizontale Ebene)	350 °
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.100 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	Ja

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text black RAL9005
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor

Material	PC
Farbe	Opal

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Single emission systems or projectors for indoor application. The natural white LED light source with a spot light distribution is composed of 2 toped LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 3082 lm, with a 123.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text black ral9005 finish, processed by means of coating; the diffuser is made of PC.

The ingress protection degree is IP20; the total weight is of 1.100 kg.

The total absorbed power is 27 W

The device features protection class II and can be cable-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	40 %
Lichtstrom (Lichtquelle)	3082 lm
Leuchten Lichtstrom	1235 lm
Consumption	15 W
Leuchten Lichtausbeute	82 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C

LED Life / Failure Ratio

L70 B10 C0 296960h

L80 B10 C0 200000h

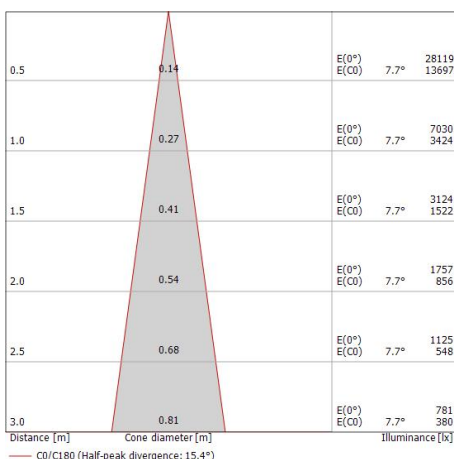
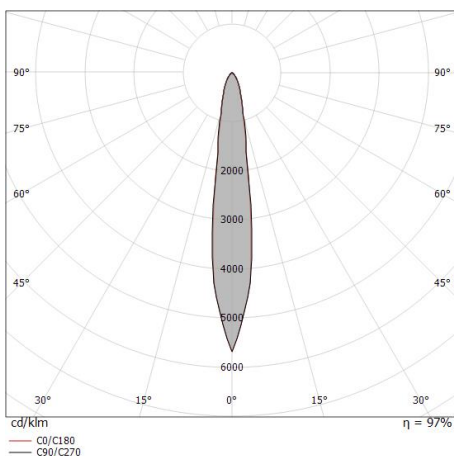
L90 B10 C0 150000h

UGR

UGR axial	19
UGR transversal	19.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	15°
Light distribution simmetry	Symmetrical



| CRI 90

9919N

Single emission systems or projectors for indoor application. The natural white LED light source with a spot light distribution is composed of 2 topped LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 3082 lm, with a 123.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text black ral9005 finish, processed by means of coating; the diffuser is made of PC.

The ingress protection degree is IP20; the total weight is of 1.100 kg.

The total absorbed power is 27 W

The device features protection class II and can be cable-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	80 %
Lichtstrom (Lichtquelle)	3082 lm
Leuchten Lichtstrom	2470 lm
Consumption	27 W
Leuchten Lichtausbeute	91 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C

LED Life / Failure Ratio

L70 B10 C0 296960h

L80 B10 C0 200000h

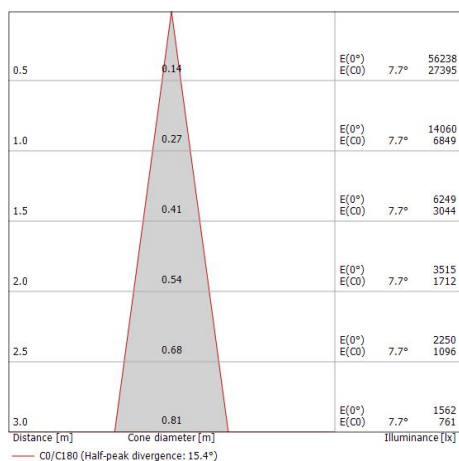
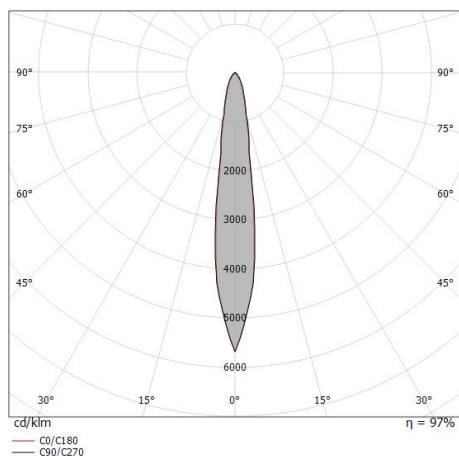
L90 B10 C0 150000h

UGR

UGR axial	16
UGR transversal	16
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	15°
Light distribution simmetry	Symmetrical



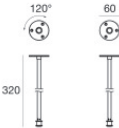
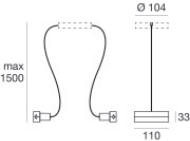
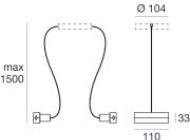
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Components

		300 System Accessories - Sistemi	Code <u>TR4101-4</u>
		300 System Accessories - Sistemi	Code <u>TR4101-5</u>
		300 System Accessories - Sistemi	Code <u>TR4103-4</u>
		300 System Accessories - Sistemi	Code <u>TR4103-5</u>
		300 System Accessories	Code <u>TR4104-3</u>
		300 System Accessories - 1.5m - Grey - Sistemi	Code <u>TR4105-5</u>
		300 System Accessories	Code <u>TR4109-4</u>
		300 System Accessories	Code <u>TR4109-5</u>

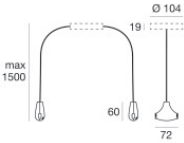
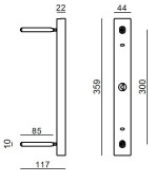
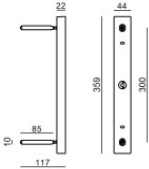
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Components

		Supporting cable - 50m - Sistemi	Code <u>TR4151-50</u>
		Supporting cable - 30m - Sistemi	Code <u>TR4151-30</u>
		Supporting cable - 20m - Sistemi	Code <u>TR4151-20</u>
		Supporting cable - 10m - Sistemi	Code <u>TR4151-10</u>
		Supporting cable - 5m - Sistemi	Code <u>TR4151-5</u>
		300 System Accessories - 1.5m - White - Sistemi	Code <u>TR4105-4R</u>
		300 System Accessories - Sistemi	Code <u>8721</u>
		300 System Accessories - Sistemi	Code <u>8722</u>

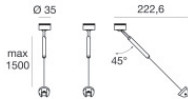
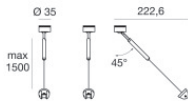
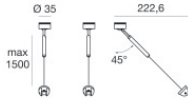
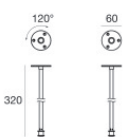
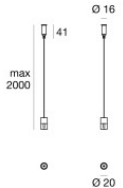
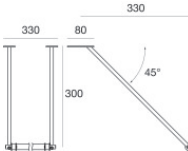
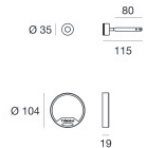
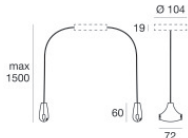
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Components

		300 System Accessories - Sistemi	Code 8729
		300 System Accessories - Sistemi	Code 9873
		300 System Accessories	Code 9874
		Supporting black cable - 5m	Code TR4153-5
		Supporting black cable - 10m - Sistemi	Code TR4153-10
		Supporting black cable - 20m - Sistemi	Code TR4153-20
		Supporting black cable - 30m - Sistemi	Code TR4153-30
		Supporting black cable - 50m - Sistemi	Code TR4153-50

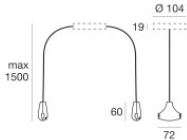
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Components

		300 System Accessories - Sistemi	Code <u>TR4124-4</u>
		300 System Accessories - Sistemi	Code <u>TR4124-5</u>
		300 System Accessories - Sistemi	Code <u>TR4124-6</u>
		300 System Accessories - 1.5m - Grey - Sistemi	Code <u>TR4105-6</u>
		300 System Accessories - Sistemi	Code <u>TR4103-6</u>
		300 System Accessories - Sistemi	Code <u>TR4101-6</u>
		300 System Accessories - Sistemi	Code <u>TR4109-6</u>
		300 System Accessories - Sistemi	Code <u>8730</u>

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Components



300 System Accessories - Sistemi

Code
8731