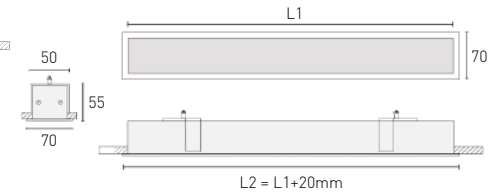
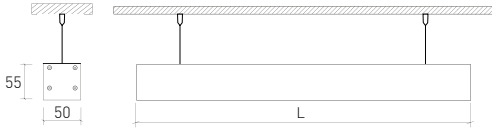
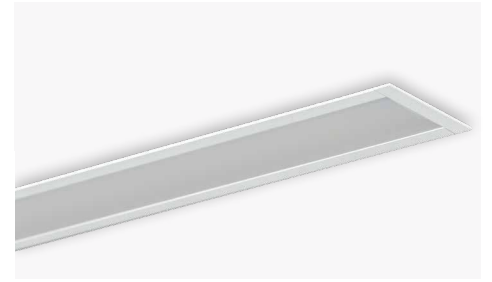
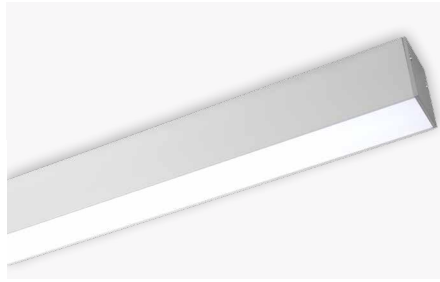
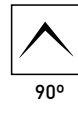
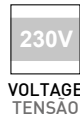


BRILUMEN DATA SHEET



ORDER OPTIONS OPÇÕES DE ENCOMENDA



ORIS 50mm Surface Mounted Saliente	ORIS 50mm Recessed Encastrar	ORIS 50mm Suspended Suspensão	POWER	LENGTH (L1)	CCT	LED LUMENS	LUMINAIRE LUMENS	LED EFFICACY
140.80.90.05.CT.FI	141.80.90.05.CT.FI	142.80.90.05.CT.FI	18W	570mm	3000K 4000K	2450lm	2083lm	136lm/W
140.80.90.08.CT.FI	141.80.90.08.CT.FI	142.80.90.08.CT.FI	28W	850mm		3680lm	3128lm	131lm/W
140.80.90.11.CT.FI	141.80.90.11.CT.FI	142.80.90.11.CT.FI	36W	1130mm		4900lm	4165lm	136lm/W
140.80.90.14.CT.FI	141.80.90.14.CT.FI	142.80.90.14.CT.FI	45W	1410mm		6130lm	5211lm	136lm/W
140.80.90.16.CT.FI	141.80.90.16.CT.FI	142.80.90.16.CT.FI	54W	1690mm		7350lm	6248lm	136lm/W
140.80.90.19.CT.FI	141.80.90.19.CT.FI	142.80.90.19.CT.FI	64W	1970mm		8580lm	7293lm	134lm/W
140.80.90.22.CT.FI	141.80.90.22.CT.FI	142.80.90.22.CT.FI	73W	2250mm		9800lm	8330lm	134lm/W
140.80.90.25.CT.FI	141.80.90.25.CT.FI	142.80.90.25.CT.FI	82W	2530mm		11.030lm	9376lm	134lm/W
140.80.90.28.CT.FI	141.80.90.28.CT.FI	142.80.90.28.CT.FI	91W	2810mm		12.250lm	10.413lm	134lm/W
140.80.90.30.CT.FI	141.80.90.30.CT.FI	142.80.90.30.CT.FI	100W	3090mm		13.480lm	11.458lm	134lm/W
140.80.90.33.CT.FI	141.80.90.33.CT.FI	142.80.90.33.CT.FI	110W	3370mm		14.700lm	12.495lm	134lm/W
140.80.90.36.CT.FI	141.80.90.36.CT.FI	142.80.90.36.CT.FI	119W	3650mm		15.930lm	13.541lm	134lm/W
140.80.90.39.CT.FI	141.80.90.39.CT.FI	142.80.90.39.CT.FI	128W	3930mm		17.150lm	14.578lm	134lm/W
140.80.90.42.CT.FI	141.80.90.42.CT.FI	142.80.90.42.CT.FI	137W	4210mm		18.380lm	15.623lm	134lm/W
140.80.90.44.CT.FI	141.80.90.44.CT.FI	142.80.90.44.CT.FI	146W	4490mm		19.600lm	16.660lm	134lm/W
140.80.90.47.CT.FI	141.80.90.47.CT.FI	142.80.90.47.CT.FI	155W	4770mm		20.830lm	17.706lm	134lm/W
140.80.90.50.CT.FI	141.80.90.50.CT.FI	142.80.90.50.CT.FI	165W	5050mm		22.050lm	18.743lm	133lm/W
140.80.90.53.CT.FI	141.80.90.53.CT.FI	142.80.90.53.CT.FI	174W	5330mm		23.280lm	19.788lm	133lm/W
140.80.90.56.CT.FI	141.80.90.56.CT.FI	142.80.90.56.CT.FI	183W	5610mm		24.500lm	20.825lm	134lm/W
140.80.90.59.CT.FI	141.80.90.59.CT.FI	142.80.90.59.CT.FI	192W	5900mm		25.730lm	21.871lm	134lm/W

.CT
COLOUR TEMPERATURE OPTIONS
OPÇÕES DE TEMPERATURA DA COR

Please change .CT by one of the following options.
Por favor altere .CT por uma das seguintes opções.

1º suffix: **.30** 3000K **.40** 4000K

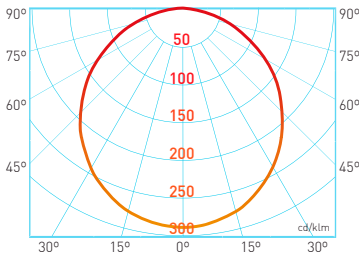
.FI
FINISHING OPTIONS
OPÇÕES DE ACABAMENTO

Please change .FI by one of the following options.
Por favor altere .FI por uma das seguintes opções.

2º suffix: **TW** RAL9003 **TB** RAL9017

AL Anodized aluminium
Alumínio anodizado

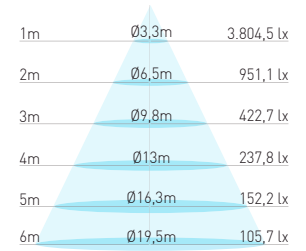
BRILUMEN DATA SHEET



ORIS 36W 4000K CRI80 1130MM



ORIS 64W 4000K CRI80 1970MM



ORIS 100W 4000K CRI80 3090MM

ORDER OPTIONS OPÇÕES DE ENCOMENDA



ORIS 50mm Surface Mounted/Saliente	ORIS 50mm Recessed/Encastrar	ORIS 50mm Suspended/Suspensão	POWER	LENGTH (L1)	LED LUMENS	LUMINAIRE LUMENS	LED EFFICACY
140DA.80.90.05.CT.FI	141DA.80.90.05.CT.FI	142DA.80.90.05.CT.FI	18W	570mm	2450lm	2083lm	136lm/W
140DA.80.90.08.CT.FI	141DA.80.90.08.CT.FI	142DA.80.90.08.CT.FI	28W	850mm	3680lm	3128lm	131lm/W
140DA.80.90.11.CT.FI	141DA.80.90.11.CT.FI	142DA.80.90.11.CT.FI	36W	1130mm	4900lm	4165lm	136lm/W
140DA.80.90.14.CT.FI	141DA.80.90.14.CT.FI	142DA.80.90.14.CT.FI	45W	1410mm	6130lm	5211lm	136lm/W
140DA.80.90.16.CT.FI	141DA.80.90.16.CT.FI	142DA.80.90.16.CT.FI	54W	1690mm	7350lm	6248lm	136lm/W
140DA.80.90.19.CT.FI	141DA.80.90.19.CT.FI	142DA.80.90.19.CT.FI	64W	1970mm	8580lm	7293lm	134lm/W
140DA.80.90.22.CT.FI	141DA.80.90.22.CT.FI	142DA.80.90.22.CT.FI	73W	2250mm	9800lm	8330lm	134lm/W
140DA.80.90.25.CT.FI	141DA.80.90.25.CT.FI	142DA.80.90.25.CT.FI	82W	2530mm	11.030lm	9376lm	134lm/W
140DA.80.90.28.CT.FI	141DA.80.90.28.CT.FI	142DA.80.90.28.CT.FI	91W	2810mm	12.250lm	10.413lm	134lm/W
140DA.80.90.30.CT.FI	141DA.80.90.30.CT.FI	142DA.80.90.30.CT.FI	100W	3090mm	13.480lm	11.458lm	134lm/W
140DA.80.90.33.CT.FI	141DA.80.90.33.CT.FI	142DA.80.90.33.CT.FI	110W	3370mm	14.700lm	12.495lm	134lm/W
140DA.80.90.36.CT.FI	141DA.80.90.36.CT.FI	142DA.80.90.36.CT.FI	119W	3650mm	15.930lm	13.541lm	134lm/W
140DA.80.90.39.CT.FI	141DA.80.90.39.CT.FI	142DA.80.90.39.CT.FI	128W	3930mm	17.150lm	14.578lm	134lm/W
140DA.80.90.42.CT.FI	141DA.80.90.42.CT.FI	142DA.80.90.42.CT.FI	137W	4210mm	18.380lm	15.623lm	134lm/W
140DA.80.90.44.CT.FI	141DA.80.90.44.CT.FI	142DA.80.90.44.CT.FI	146W	4490mm	19.600lm	16.660lm	134lm/W
140DA.80.90.47.CT.FI	141DA.80.90.47.CT.FI	142DA.80.90.47.CT.FI	155W	4770mm	20.830lm	17.706lm	134lm/W
140DA.80.90.50.CT.FI	141DA.80.90.50.CT.FI	142DA.80.90.50.CT.FI	165W	5050mm	22.050lm	18.743lm	133lm/W
140DA.80.90.53.CT.FI	141DA.80.90.53.CT.FI	142DA.80.90.53.CT.FI	174W	5330mm	23.280lm	19.788lm	133lm/W
140DA.80.90.56.CT.FI	141DA.80.90.56.CT.FI	142DA.80.90.56.CT.FI	183W	5610mm	24.500lm	20.825lm	134lm/W
140DA.80.90.59.CT.FI	141DA.80.90.59.CT.FI	142DA.80.90.59.CT.FI	192W	5900mm	25.730lm	21.871lm	134lm/W

.CTFI

COLOUR TEMPERATURE OPTIONS
OPÇÕES DE TEMPERATURA DA COR

Please change .CT by one of the following options.
Por favor altere .CT por uma das seguintes opções.

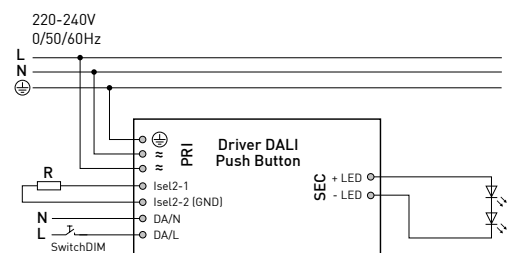
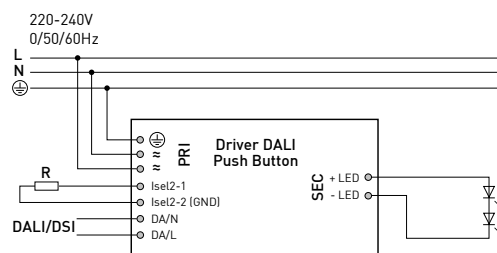
1º suffix: **.30** 3000K **.40** 4000K

FINISHING OPTIONS
OPÇÕES DE ACABAMENTO

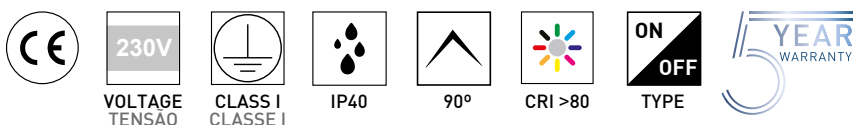
Please change .FI by one of the following options.
Por favor altere .FI por uma das seguintes opções.

2º suffix: **TW** RAL9003 **TB** RAL9017 **AL** Anodized aluminium
Alumínio anodizado

WIRING DIAGRAM ESQUEMA DE LIGAÇÃO



BRILUMEN DATA SHEET



ORDER OPTIONS OPÇÕES DE ENCOMENDA

DALI PUSH ON REQUEST: Dimmable options
SOB PEDIDO: Opções dimáveis

PRODUCT CODE	POWER	CRI	BEAM ANGLE	LENGTH (mm)	CCT	LED LUMENS	LUMINAIRE LUMENS	LED EFFICACY
143.80.90.66.CT.FI	72W	>80	90°	620x620		9800 lm	8332 lm	136 lm/W
155.80.90.113.CT.FI	90W	>80	90°	1180x340	3000K 4000K	12.260 lm	10.422 lm	136 lm/W
144.80.90.116.CT.FI	108W	>80	90°	1180x620		14.700 lm	12.496 lm	136 lm/W

.CT

COLOUR TEMPERATURE OPTIONS
OPÇÕES DE TEMPERATURA DA COR

Please change .CT by one of the following options.
Por favor altere .CT por uma das seguintes opções.

1º suffix: **.30** 3000K **.40** 4000K

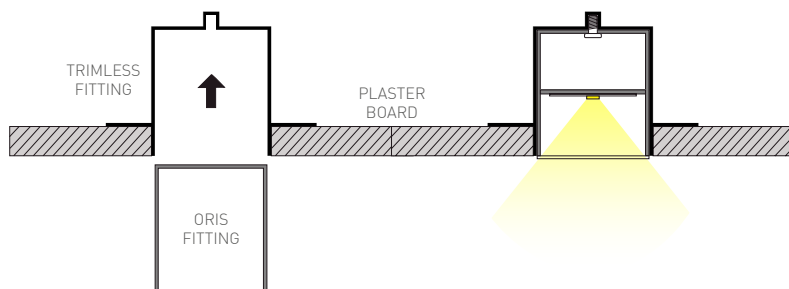
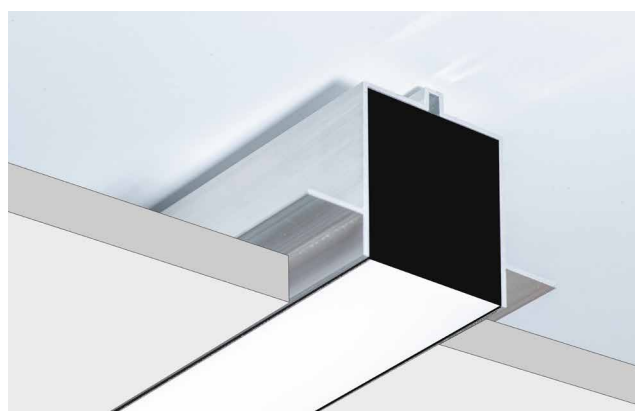
.FI

FINISHING OPTIONS
OPÇÕES DE ACABAMENTO

Please change .FI by one of the following options.
Por favor altere .FI por uma das seguintes opções.

2º suffix: **TW** RAL9003 **TB** RAL9017 **AL** Anodized aluminium
Alumínio anodizado

ACCESSORIES OPTIONS OPÇÕES DE ACESSÓRIOS



PRODUCT CODE	DESCRIPTION
8030-1400.2000	Trimless fitting for ORIS 50mm - L=2000mm Perfil de encastrar para acabamento sem abas ORIS 50mm - L=2000mm

PRODUCT CODE	DESCRIPTION
3080-015.FI	60mm round ceiling cup with 2 holes for electric cable . Florão de teto 60mm com 2 orifícios para cabo elétrico
3080-016.FI	90mm round ceiling cup with 1 hole for electric cable . Florão de teto 90mm com 1 orifício para cabo elétrico

LIFE-TIME, LUMEN MAINTENANCE AND FAILURE RATE

LIFE-TIME, MANUTENÇÃO DE LÚMENS E TAXA DE AVARIAS

The light output of an LED Module decreases over the lifetime, this is characterized with the L value. L70 means that the LED module will give 70 % of its initial luminous flux.

This value is always related to the number of operation hours and therefore defines the lifetime of an LED module.

As the L value is a statistical value and the lumen maintenance may vary over the delivered LED modules. The B value defines the amount of modules which are below the specific L value, e.g. L70B10 means 10 % of the LED modules are below 70 % of the initial luminous flux, respectively 90 % will be above 70 % of the initial value. In addition the percentage of failed modules (fatal failure) is characterized by the C value. The F value is the combination of the B and C value. That means for F degradation and complete failures are considered, e.g. L70F10 means 10 % of the LED modules may fail or be below 70 % of the initial luminous flux.

A saída de luz de um módulo LED diminui ao longo da sua vida útil, e é caracterizado com o valor L.

L70 significa que o módulo LED fornecerá 70% do seu fluxo luminoso inicial. Este valor está sempre relacionado com o número de horas de funcionamento e, portanto, determina a duração de um módulo de LED. O valor L é um valor estatístico e a manutenção dos lúmens podem variar em relação aos módulos LED fornecidos. O valor B define a quantidade de módulos que estão abaixo do valor L especificado, como no seguinte exemplo: L70B10 significa que 10% dos módulos LED estão abaixo de 70% do fluxo luminoso inicial e, respetivamente, 90% dos módulos estarão acima de 70% do valor inicial. Para além disso, a percentagem de módulos com falha (falha fatal) é caracterizada pelo valor C. O valor F é a combinação do valor B com o valor C. Isto significa que, no valor F, são consideradas a degradação e as falhas completas, como no seguinte exemplo: L70F10 significa que 10% dos módulos LED podem falhar ou estarem abaixo de 70% do fluxo luminoso inicial.

Forward Current	TP TEMPERATURE	L90 / F10	L90 / F50	L80 / F10	L80 / F50	L70 / F10	L70 / F50
300 mA	40 °C	68,000 h	>72,000 h	>72,000 h	>72,000 h	>72,000 h	>72,000 h
	50 °C	60,000 h	>72,000 h	>72,000 h	>72,000 h	>72,000 h	>72,000 h