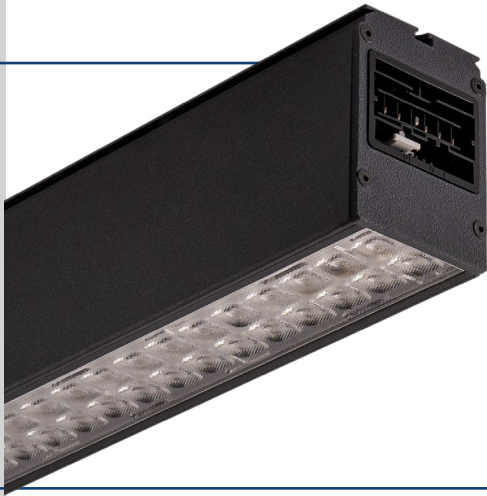


COMBILINE

TRUNKING SYSTEM

**TAKTON**

# DTS115



## BENEFITS:

IK05

CE



IP40

230V

- Universal indoor application.
- Very low glare effect.
- Aesthetic minimalistic modern design.
- Ecological neutral. No plastic parts.
- Possible to be in different colors.
- Different length on demand
- High efficacy.
- High quality components, all made in Europe.
- Extremely easy installation.

## PRODUCT INFORMATION

### TYPE

PRODUCT TYPE:  
DTS 115

## ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:  
up to 0.92

DRIVER FAILURE RATIO:  
< 10% at 100000 hours depends on type

DRIVER TYPE:  
Built in PHILIPS Xitanium driver

ELECTRICAL ISOLATION CLASS IEC:  
Safety class I as a standard

INPUT FREQUENCY:  
50-60 Hz

LED CURRENT RIPPLE %:  
< 4

MAINS VOLTAGE INDEX:  
230 – 240 V / 50 – 60 Hz

NOMINAL INPUT VOLTAGE RANGE:  
202..254 or 198...264, depends on type

POWER FACTOR NOMINAL:  
up to 0.98

POWER RANGE:  
40-83 W as a standard

CONTROL METHOD  
On/Off version, DALI, Casambi, 1-10V

QUANTITY ON MCB16A  
≤ 30 pcs

## LIGHTING PERFORMANCE

**CCT:**  
3000K, 4000K

**COLOR RENDERING INDEX, CRI:**  
80 as a standard

**INITIAL COLOR SHIFT, SDCM:**  
< 3

**LIGHT DISTRIBUTION:**

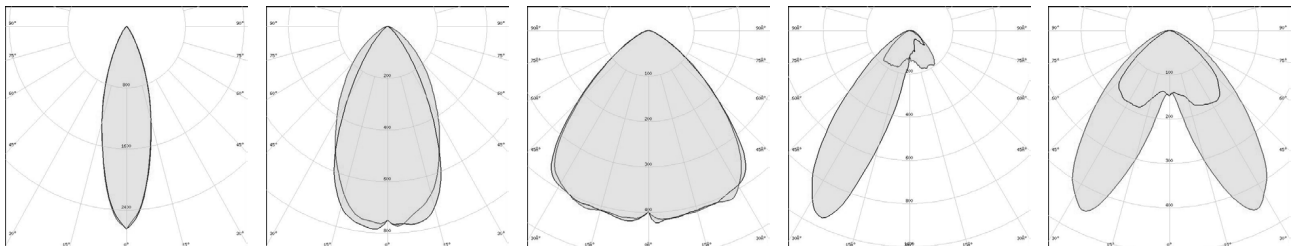
- Symmetrical 30, 60, 90 dgr.
- Asymmetrical, Double asymmetrical.

**LIGHT SOURCE:**  
2row LED Line modules

**LOR:**  
up to 0.88-0.92

**LUMINAIRE LUMEN OUTPUT RANGE, LM:**  
6500-12500 lm depending on type

**TYPE OF OPTIC:**  
Low ageing PMMA LEDIL 2 row lenses



Light distribution

## CONSTRUCTION AND MATERIALS

**HOUSING COLOUR:**

- Dark grey RAL7016 or White RAL9010 as standard.
- All other colors possible on request.

**HOUSING MATERIAL:**  
Housing: aluminum profile

**IMPACT RESISTANCE:**  
IK05

**INGRESS PROTECTION:**  
IP40

**INSTALLATION OPTIONS:**

- Suspended.
- Surface mounted.

**OPTICAL COVER:**  
PMMA

**DIMENSIONS:**

- Length 1400mm as a standard.
- Length 1120,1400,2400mm on demand.

## OPERATION AND MAINTENANCE

**DRIVER EFFICIENCY NOMINAL:**  
up to 0.92

**DRIVER FAILURE RATIO:**  
< 10% at 100000 hours depends on type

**ELECTRICAL CONNECTION:**  
Fast connection with BJB end connectors

**MAINTENANCE:**  
Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

**MAINTENANCE OF LUMEN OUTPUT:**  
100000 hours – L90B10

**OPERATING TEMPERATURE RANGE:**  
-20...+40 C, typical for exact values

**APPLICATION:**

- Offices
- Schools
- Warehouses
- Public spaces
- Retail
- Hotels and residences
- Industrial enterprises

## MARKING AND APPROVALS

## CE MARK:

CE marked

## ROHS MARK:

ROHS complaint

## PRODUCT FAMILY RANGE

Code	Name	LM	W	Lm/W	Optic
	<b>LIGHT MODULES DTS115</b>				
700156121000	DTS115-140 6500lm 40W 840I S30 WH	6500	40	163	Symmetric 30 dgr
700156121010	DTS115-140 6500lm 40W 840I S60 WH	6500	40	163	Symmetric 60 dgr
700156121020	DTS115-140 6500lm 40W 840I S90 WH	6500	40	163	Symmetric 90 dgr
700156121030	DTS115-140 6150lm 40W 840I AS WH	6150	40	154	Assymmetric
700156121040	DTS115-140 6150lm 40W 840I DAS WH	6150	40	154	Double assymmetric
700156121100	DTS115-140 12500lm 83W 840I S30 WH	12500	83	151	Symmetric 30 dgr
700156121110	DTS115-140 12500lm 83W 840I S60 WH	12500	83	151	Symmetric 60 dgr
700156121120	DTS115-140 12500lm 83W 840I S90 WH	12500	83	151	Symmetric 90 dgr
700156121130	DTS115-140 11800lm 83W 840I AS WH	11800	83	142	Assymmetric
700156121140	DTS115-140 11800lm 83W 840I DAS WH	11800	83	142	Double assymmetric

# DTS117



## BENEFITS:



- Universal indoor application.
- Very low glare effect.
- Aesthetic minimalistic modern design.
- Ecological neutral. No plastic parts.
- Possible to be in different colors.
- Affordable price, low initial investments.
- High efficacy.
- High quality components, all made in Europe.
- Extremely easy installation.

## PRODUCT INFORMATION

### TYPE

PRODUCT TYPE:  
DTS 117

## ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:  
up to 0.92

DRIVER FAILURE RATIO:  
< 10% at 100000 hours depends on type

DRIVER TYPE:  
Built in PHILIPS Xitanium driver

ELECTRICAL ISOLATION CLASS IEC:  
Safety class I as a standard

INPUT FREQUENCY:  
50-60 Hz

LED CURRENT RIPPLE %:  
< 4

MAINS VOLTAGE INDEX:  
230 – 240 V / 50 – 60 Hz

NOMINAL INPUT VOLTAGE RANGE:  
202..254 or 198...264, depends on type

POWER FACTOR NOMINAL:  
up to 0.98

POWER RANGE:  
40-83 W as a standard

CONTROL METHOD  
On/Off version, DALI, Casambi, 1-10V

QUANTITY ON MCB16A  
≤ 30 pcs

## LIGHTING PERFORMANCE

**CCT:**

3000K, 4000K

**COLOR RENDERING INDEX, CRI:**

80 as a standard

**INITIAL COLOR SHIFT, SDCM:**

< 3

**LIGHT DISTRIBUTION:**

- Symmetrical 30, 60, 90 dgr.
- Asymmetrical, Double asymmetrical

**LIGHT SOURCE:**

LED Linear modules

**LOR:**

up to 0.88-0.92

**LUMINAIRE LUMEN OUTPUT RANGE, LM:**

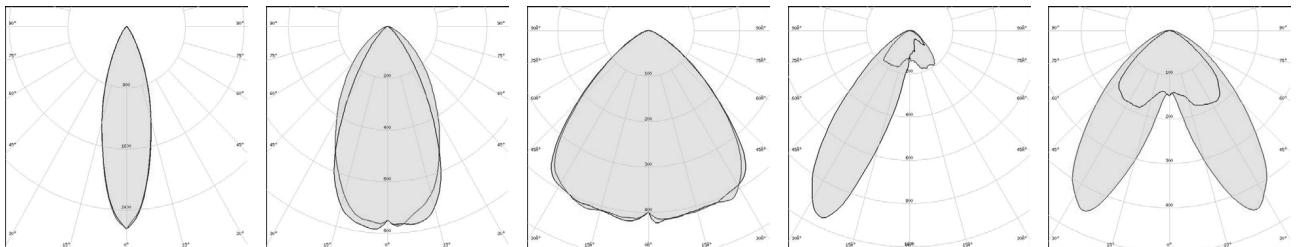
5700-11500 lm depending on type

**PHOTOBIOLOGICAL SAFETY:**

RG1

**TYPE OF OPTIC:**

Low ageing PMMA LEDIL 2 row lenses



Light distribution

## CONSTRUCTION AND MATERIALS

**HOUSING COLOUR:**

- Dark grey RAL7016 or White RAL9010 as standard.
- All other colors possible on request.

**HOUSING MATERIAL:**

Housing: aluminum profile

**IMPACT RESISTANCE:**

IK05

**INGRESS PROTECTION:**

IP40

**INSTALLATION OPTIONS:**

- Suspended.
- Surface mounted.

## OPERATION AND MAINTENANCE

**ELECTRICAL CONNECTION:**

Fast connection with BJB end connectors

**MAINTENANCE:**

Opening with screw, LED modules can be replaced by manufacturer only

**MAINTENANCE OF LUMEN OUTPUT:**

100000 hours – L90B10

**OPERATING TEMPERATURE RANGE:**

-20...+40 C, typical for exact values

**APPLICATION:**

- Offices
- Schools
- Warehouses
- Public spaces
- Retail
- Hotels and residences

## MARKING AND APPROVALS

**CE MARK:**  
CE marked

**ROHS MARK:**  
ROHS complaint

## PRODUCT FAMILY RANGE

Code	Name	LM	W	Lm/W	Optic
	<b>LIGHT MODULES DTS117</b>				
700156221010	DTS117-140 5700lm 36W 840I S30-L WH	5700	36	158	Symmetric 30 dgr
700156221020	DTS117-140 5700lm 36W 840I S60-L WH	5700	36	158	Symmetric 60 dgr
700156221030	DTS117-140 5700lm 36W 840I S90-L WH	5700	36	158	Symmetric 90 dgr
700156221040	DTS117-140 5300lm 36W 840I AS-L WH	5300	36	147	Assymmetric
700156221050	DTS117-140 5300lm 36W 840I DAS-L WH	5300	36	147	Double assymmetric
700156221110	DTS117-140 11500lm 71W 840I S30-L WH	11500	71	162	Symmetric 30 dgr
700156221120	DTS117-140 11500lm 71W 840I S60-L WH	11500	71	162	Symmetric 60 dgr
700156221130	DTS117-140 11500lm 71W 840I S90-L WH	11500	71	162	Symmetric 90 dgr
700156221140	DTS117-140 11200lm 71W 840I AS-L WH	11200	71	158	Assymmetric
700156221150	DTS117-140 11200lm 71W 840I DAS-L WH	11200	71	158	Double assymmetric

## ACCESORIES

### LINE CONNECTORS

#### Y CONNECTOR



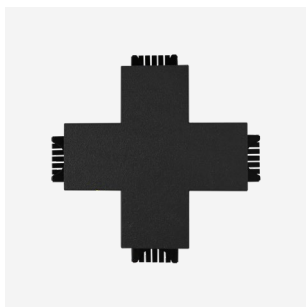
**MATERIAL:**  
PLA, ecological neutral

**STANDARD COLOR:**  
White, Dark gray

#### OTHER COLORS ON REQUEST

Art Nr.	Description
CL_PL003W	Y connector white
CP_PL003D	Y connector dark grey

## X CONNECTOR



**MATERIAL:**  
PLA, ecological neutral

**STANDARD COLOR:**  
White, Dark gray

## OTHER COLORS ON REQUEST

Art Nr.	Description
CL_PL004W	X connector white
CL_PL004D	X connector dark grey

## T CONNECTOR



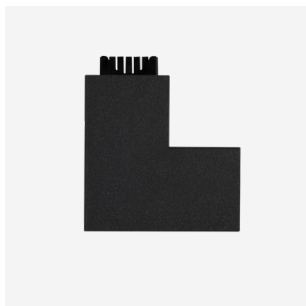
**MATERIAL:**  
PLA, ecological neutral

**STANDARD COLOR:**  
White, Dark gray

## OTHER COLORS ON REQUEST

Art Nr.	Description
CL_PL002W	T connector white
CL_PL002D	T connector dark grey

## L CONNECTOR



**MATERIAL:**  
PLA, ecological neutral

**STANDARD COLOR:**  
White, Dark gray

## OTHER COLORS ON REQUEST

Art Nr.	Description
CL_PL001WL	L connector white LEFT
CL_PL001DL	L connector dark grey LEFT
CL_PL001WR	L connector white RIGHT
CL_PL001DR	L connector dark grey RIGHT



## INSTALLATION ACCESSORIES

## END CAP

**MATERIAL:**

PLA, ecological neutral

**STANDARD COLOR:**

White, Dark gray

**OTHER COLORS ON REQUEST**

Art Nr.	Description
CL_PL010W	T connector white
CL_PL010D	T connector dark grey

## POWER FEED CONNECTOR

**MATERIAL:**

PLA, ecological neutral

**STANDARD COLOR:**

White, Dark gray

Other colors on request 3m cable installed as a standard. Other length on request

Art Nr.	Description
CL_PL020W	T connector white with power connection from end
CL_PL020D	T connector dark grey power connection from end
CL_PL021W	T connector white power connection from top
CL_PL021D	T connector dark grey power connection from top

## HOOK FOR SUSPENSION

**MATERIAL:**

Steel

**STANDARD COLOR:**

White, Dark gray

**OTHER COLORS ON REQUEST**

Art Nr.	Description
V2008971	Hooks for suspension 2 pcs set

## BRACKET FOR MOUNTING ON SURFACE

**MATERIAL:**

Spring steel

**STANDARD COLOR:**

White, Dark gray

For surface mounting required 2 brackets on one module

Art Nr.	Description
1010839	Ceiling brackets set 0,4mm

## ROPE FOR SUSPENSION

**MATERIAL:**

Spring steel

**STANDARD LENGTH:**

3 m

**OTHER DIMENSIONS ON**

Art Nr.	Description
DH1001	Suspension rope 3 m

## FUNCTIONAL MODULES

## ESCAPE ROUTE ILLUMINATION



## PRODUCT INFORMATION

## ELECTRICAL PARAMETERS

**DRIVER EFFICIENCY NOMINAL:**

up to 0.92

**ELECTRICAL ISOLATION CLASS IEC:**

Safety class II as a standard

**MAINS VOLTAGE INDEX:**

230 – 240 V / 50 – 60 Hz

## LIGHTING PERFORMANCE

**CCT:**

4000K

**LIGHT SOURCE:**

LG LED chip 1.5W

## CONSTRUCTION AND MATERIALS

**HOUSING COLOUR:**

Dark grey RAL7016 or White RAL9010 as standard.

**HOUSING MATERIAL:**

Housing: PC

**IMPACT RESISTANCE:**

IK04

**INGRESS PROTECTION:**

IP40

**POWER FACTOR NOMINAL:**

up to 0.98

**POWER RANGE:**

3 W as a standard

a

**AUTONOMY 3 HOURS****BATTERY CHARGING 24 HOURS****TYPE OF OPTIC:**

- WS – wide symmetrical optic for areas
- WN – wide narrow optic for corridors.

**BATTERY LIFEPO4 3,2V 1,5A****OPTICAL LENS MATERIAL:**

PMMA

**MODULE DIMENSIONS LENGTH 280 MM AS A STANDARD.**

**OPERATION AND MAINTENANCE****ELECTRICAL CONNECTION:**

Fast connection with BJB end connectors

**MAINTENANCE:**

For AC connection Non maintained.  
Self-test and test button.

**MAINTENANCE OF LUMEN OUTPUT:**

50000 hours – L90B10

**OPERATING TEMPERATURE RANGE:**

-20...+55 C, typical for exact values

**APPLICATION:**

- Offices
- Schools
- Warehouses
- Public spaces
- Retail
- Hotels and residences

**MARKING AND APPROVALS****CE MARK:**

CE marked

**ROHS MARK:**

ROHS complaint

**PRODUCT FAMILY RANGE**

Art Nr.	Description	Power W	CCT	Optic type
CL_AL017W	Module with direction light white	3W	4000K	WS
CL_AL018D	Module with direction light dark grey	3W	4000K	WS
CL_AL019W	Module with direction light white	3W	4000K	WS
CL_AL020D	Module with direction light dark grey	3W	4000K	WS

**EMERGENCY AND DIRECTIONS****PRODUCT INFORMATION****ELECTRICAL PARAMETERS****DRIVER EFFICIENCY NOMINAL:**

up to 0.92

**POWER FACTOR NOMINAL:**

up to 0.98

**ELECTRICAL ISOLATION CLASS IEC:**

Safety class II as a standard

**POWER RANGE:**

4 W as a standard

**MAINS VOLTAGE INDEX:**

- AC 230 – 240 V / 50 – 60 Hz
- DC 24V for use with central battery

**AUTONOMY 3 HOURS****BATTERY CHARGING 24 HOURS****LIGHTING PERFORMANCE****VISIBILITY:**

25 m

**TYPE OF OPTIC:**

- 4 mm PMMA diffuser
- Pictograms for emergency escape included (the 3 pairs of pictograms are supplied in the packaging).
- Informational pictograms on request

**LIGHT SOURCE:**

LED module

### CONSTRUCTION AND MATERIALS

#### HOUSING COLOUR:

Dark grey RAL7016 or White RAL9010 as standard.

#### HOUSING MATERIAL:

Housing: PC

#### IMPACT RESISTANCE:

IK04

BATTERY LIFEPO4 3,2V 1,5A

#### INGRESS PROTECTION:

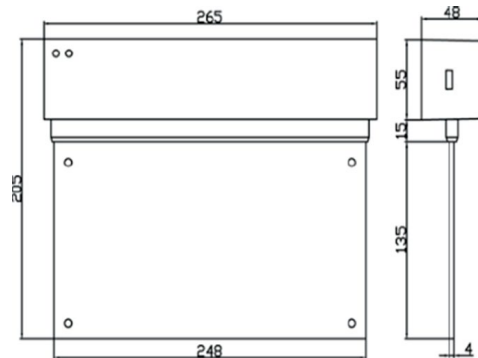
IP40

#### OPTICAL COVER:

PMMA

MODULE DIMENSIONS LENGTH 280 MM AS A STANDARD.

#### FUNCTIONAL PART DIMENSIONS



### OPERATION AND MAINTENANCE

#### ELECTRICAL CONNECTION:

Fast connection with BJB end connectors

#### MAINTENANCE:

For AC connection Non maintained. Self-test and test button.  
For central battery open with screws

#### MAINTENANCE OF LUMEN OUTPUT:

100000 hours - L90B10

#### OPERATING TEMPERATURE RANGE:

-20...+40 C, typical for exact values

#### APPLICATION:

- Offices
- Schools
- Warehouses
- Public spaces
- Retail
- Hotels and residences
- Industrial interprises

### MARKING AND APPROVALS

#### CE MARK:

CE marked

#### ROHS MARK:

ROHS complaint

### PRODUCT FAMILY RANGE

Art Nr.	Description	Visibility
CL_AL011W	Module white for AC voltage	25m
CL_AL012D	Module black for AC voltage	25m
CL_AL013W	Module white for central battery 24VDC	25m
CL_AL014D	Module black for central battery 24VDC	25m
CL_AL015W	Module white for central battery 230 V AC	25m
CL_AL016W	Module white for central battery 230 V AC	25m

## MODULE WITH POWERTRACK



**MATERIAL:**  
Aluminum profile

**STANDARD ASE LENGTH:**  
1000 mm

**STANDARD COLOR:**  
White RAL9016, Dark gray DB703 / Other colors on request

Art Nr.	Description	Standard length
CL_AL006W	Module with track base white	1.15m
CL_AL006D	Module with track base black	1.15m

## MODULE WITH ZHAGA CONNECTOR



**MATERIAL:**  
Aluminum profile

**STANDARD LENGTH:**  
280 mm

**STANDARD COLOR:**  
White, Dark gray / Other colors on request

Art Nr.	Description
CL_AL005W	Zhaga socket module white
CL_AL005D	Zhaga socket module white

## BLANK MODULE



**MATERIAL:**  
Aluminum profile

**STANDARD COLOR:**  
Dark gray / Other colors on request

Art Nr.	Description	Length, mm
CL_AL008W	Blank module white	700
CL_AL008D	Blank dark grey	700
CL_AL009W	Blank module white	1400
CL_AL009D	Blank dark grey	1400

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