INDOOR.

Our indoor lighting portfolio includes energy-efficient lighting fixtures, with which you can solve any problem of commercial lighting whether it's an industrial plant, warehouse, office, or store. High-quality components, high quality assembly guarantee you a great result and long service life.
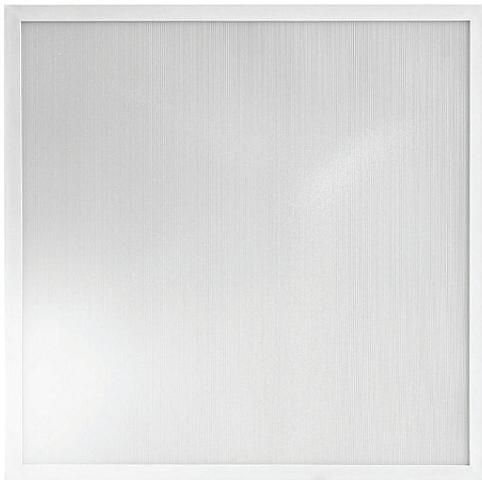
TAKTON

RECESSED

TAKTON recessed luminaires are designed to meet energy efficiency requirements. The luminaires allow you to solve the problem of lighting offices, classrooms, computer classes, various public spaces with maximum comfort.

DPL098

BENEFITS:

| IP40 | IK02 | C€ | 230V |

- Operational cost savings, up to 60% savings
- Appealing, uniform luminous surface solution
- Best solution for offices UGR<19
- Slim housing
- Low flicker level (less than 5%)
- High Efficacy up to 130 lm/W
- Excellent light uniformity
- Good color rendering (CRI >80)
- Dimensions: 595x595 and 620x620

PRODUCT TYPE:
DPL098

FUNCTIONALITY

DRIVER:
Philips Certadrive or Xitanium included.

OPTICAL COVER:
Microprismatic diffuser as standard, Opal on request
PS diffuser as a standard, PMMA on request.

COLOR RENDERING INDEX (CRI):
> 80

COLOR TEMPERATURE (CCT):
3000K,4000K as standard, 6500K on request

LIGHT SOURCE:
LED module

CEILING TYPE:
Exposed T-bar ceiling

MANAGING:
Fixed output as standard, DALI optional

OFFICE APPLICATION:
Office compliant, UGR<19 as a standard.

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0.92

ELECTRICAL ISOLATION CLASS IEC:
SELV

INPUT FREQUENCY:
50-60Hz

POWER FACTOR NOMINAL:
0,97

INPUT VOLTAGE:
210-230V

INITIAL LIGHT OUTPUT:
3300-4500Lm depending on the type

INITIAL SYSTEM EFFICACY:
120-130Lm/W Depending on the type

POWER CONSUMPTION:
27-35 W

NUMBER OF PRODUCTS ON MCB (16A TYPE B):
Max 30

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP40/IP20

IMPACT RESISTANCE:
IK05

INSTALLATION:
Individual: lay-in in exposed ceiling grids; suspended

DIMENSIONS:
595x595x30 or 620x620x30

NET WEIGHT PIECE:
1,6 kg

HOUSING MATERIAL:
Aluminum profile, steel cover,diffuser PS or PMMA,
depending on the type

COLOR:
White

TAKTON

DPL098

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 hours

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80....L90 @ 50000 work hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

ORDER INFORMATION

PACKAGING CARTON:
Inner box - 1pcs
Outer box - 6 pcs

PACKAGING PALLET:
72 pcs

BRUTTO WEIGHT PER PCS:
2kg

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-10°C to +30 °C

GENERAL INFORMATION

FLAMMABILITY:
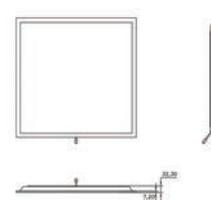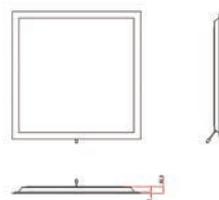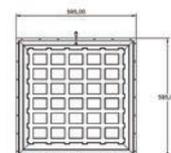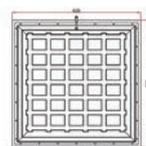F [For mounting on normally flammable surfaces]

WARRANTY PERIOD:
5 years

CE MARK:
CE mark

ROHS MARK:
ROHS mark

APPLICATION:
- Offices
- Open-plan
- Meeting rooms
- Cell offices
- Circulation areas
- Healthcare
- Hospitality

TAKTON

DPL198

BENEFITS:

| IP40 | IK02 | CE | 230V | ⏚ | ▣ |

- Operational cost savings, up to 60% savings
- Appealing, uniform luminous surface solution
- Best suited for offices
- Meeting office standards for low UGR
- Ultra Slim square housing
- Stylish design
- Low flicker level(less than 5%)
- Efficacy up to 140 lm/W on module level
- Good quality of light (CRI >80)
- Available in 60×60, 30×120, 60×120
- 5 year system warranty

PRODUCT TYPE:
DPL198

FUNCTIONALITY

OPTICAL COVER:
Microprismatic polycarbonate diffuser

COLOR RENDERING INDEX (CRI):
> 80

LIGHT SOURCE:
LED module

CEILING TYPE:
Exposed T-bar ceiling

MANAGING:
Fixed output as standard, DALI or Casambi optional

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,95

ELECTRICAL ISOLATION CLASS IEC:
II

INPUT FREQUENCY:
50-60Hz

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
35W or 44W for 1200x600 model

POWER CONSUMPTION TOLERANCE:
+/- 2%

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP40

IMPACT RESISTANCE:
IK02

INSTALLATION:
Individual: lay-in in exposed ceiling grids; suspended

NET WEIGHT PIECE:
2,2 - 5,0 kg depends on type

BODY MATERIAL:
Aluminum profile, back cover - steel

COLOR:
White

TAKTON

DPL198

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 hours

INITIAL SYSTEM EFFICACY:
up to 140 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 3%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B10 - 50 000 hours

GENERAL INFORMATION

FLAMMABILITY:
Full-fill TPa requirements

WARRANTY PERIOD:
5 years

CE MARK:
CE mark

ROHS MARK:
ROHS mark

AMBIENT TEMPERATURE RANGE:
-10°C to +45 °C

APPLICATION:
- Offices
- Open-plan
- Meeting rooms
- Cell offices
- Circulation areas
- Healthcare
- Hospitality

PRODUCT FAMILY RANGE

| Code	Name	Luminous flux	Power, W	Efficacy Lm/W	Dimensions mm	Control	CCT, K
700151454005	DPL198 6060 4500lm 35W MP 840	4500	35	129	595x595	on/off	4000
700151454007	DPL198 6060 4500lm 35W MP 840 TD	4500	35	129	595x595	DALI	4000
700151454010	DPL198 6060 4300lm 35W MP 830	4300	35	123	595x595	on/off	3000
700151454011	DPL198 6060 4300lm 35W MP 830 TD	4300	35	123	595x595	DALI	3000
700151454045	DPL198 30120 4500lm 35W MP 840	4500	35	129	1195x295	on/off	4000
700151454020	DPL198 30120 4500lm 35W MP 840 TD	4500	35	129	1195x295	DALI	4000
700151454047	DPL198 30120 4300lm 35W MP 830	4300	35	123	1195x295	on/off	3000
700151454065	DPL198 30120 4300lm 35W MP 830 TD	4300	35	123	1195x295	DALI	3000
700151454048	DPL198 60120 6150lm 44W MP 840	6150	44	140	1196x596	on/off	4000
700151454052	DPL198 60120 6150lm 44W MP 840 TD	6150	44	140	1196x596	DALI	4000
700151454050	DPL198 60120 5900lm 44W MP 830	5900	44	134	1196x596	on/off	3000
700151454053	DPL198 60120 5900lm 44W MP 830 TD	5900	44	134	1196x596	DALI	3000

ACCESSORIES

EOC	Description
700456	Suspension rope kit for LED panel

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-10°C to +45 °C

TAKTON

DPL IP

BENEFITS:

| IP65 | IK02 | CE | 230V | ▲▲ | ▣ |
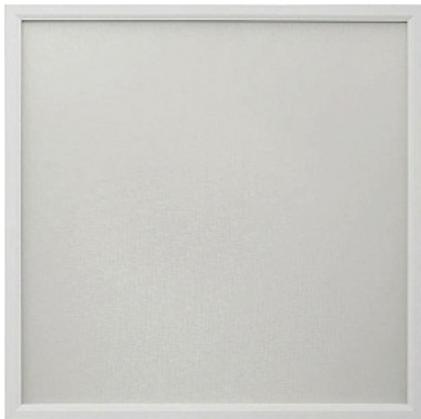
- Operational cost savings, up to 40% savings
- Appealing, uniform luminous surface solution
- Suited for clean and spaces with high humidity
- Slim housing
- Low flicker level (less than 5%)
- Efficacy up to 100 lm/W on module level
- Excellent light uniformity
- Good color rendering (CRI >80)

PRODUCT TYPE:
DPL IP WATERPROOF PANEL

FUNCTIONALITY

OPTICAL COVER:
Opal polycarbonate diffuser

LIGHT SOURCE:
LED module

CEILING TYPE:
Exposed T-bar ceiling

INITIAL LIGHT OUTPUT:
4000Lm

MANAGING:
Fixed output as standard, DALI optional

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0.92

ELECTRICAL ISOLATION CLASS IEC:
II

INPUT FREQUENCY:
50-60Hz

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
40 W

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP54 or IP65 depends on type

IMPACT RESISTANCE:
IK02

INSTALLATION:
Individual: lay-in in exposed ceiling grids; suspended

NET WEIGHT PIECE:
2,2 kg

BODY MATERIAL:
Aluminum profile, steel cover

COLOR:
White

TAKTON

DPL IP

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 hours

INITIAL SYSTEM EFFICACY:
up to 100 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
M70F50 life > 50 000 hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

GENERAL INFORMATION

FLAMMABILITY:
No fire resistant

WARRANTY PERIOD:
5 years

CE MARK:
CE mark

ROHS MARK:
ROHS mark

APPLICATION:
- Clean rooms
- Healthcare
- Spaces with high hymidity

PRODUCT FAMILY RANGE

EOC	Description	Power consumption (W)	Light output (Lm)	Dimensions (mm)	Ingress protection
700151541000	DPL IP 6060 4000Lm 40W IP54 840	40	4000	595×595	IP54
700151551000	DPL IP 6060 4000Lm 40W IP65 840	40	4000	595×595	IP65

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-10°C to +30°C

TAKTON

WL320

BENEFITS:

| ▣ | **230V** | C€ | **50Hz** | ▽ D | ▽ F |

WL320 down light with traditional deep reflector (UGR<19) that provides perfect combination of high lighting efficiency, comfortable lighting and humanization design, without compromising on light performance(color rendering and color uniformity); It offers a wide choice of options for creating the desired ambience.High luminous efficiency

• 60°beam angle

• Easy installation and maintenance.

• UGR<19 (not available for 3inch 60°beam angle and 8inch-35W 60°beam angle).

• Different design drop glass as options.

PRODUCT TYPE:
WL320

FUNCTIONALITY

INITIAL LIGHTOUTPUT:
1000-2850lm depending on type

COLOR RENDERING INDEX (CRI):
> 80

INITIAL LED LUMINAIRE EFFICACY:
90-114 Lm/W

LIGHT SOURCE:
LED module with CITIZEN led chips

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0.92 depends on type

POWER FACTOR NOMINAL:
0,95

ELECTRICAL ISOLATION CLASS IEC:
Class II

POWER CONSUMPTION:
13-18-25W Depending on type

INPUT FREQUENCY:
50-60 Hz

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP54

BODY MATERIAL:
Die-cast aluminium

IMPACT RESISTANCE:
IK05

INSTALLATION:
Recessed. Outside diameter 110-190mm

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0 +35 C

TAKTON

WL320

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES
50 000 hours

INITIAL SYSTEM EFFICACY:
90-114 Lm/W depend on type

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

POWER CONSUMPTION TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 50 000 Hours

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
- Offices
- Hotels
- Retail

PRODUCT FAMILY RANGE

Code	Description	Size, mm	CCT	Light output, Lm	Power ,W	CRI
700151551001	WL320 A 1000lm 13W 830 230V LV UGR	Ø110*54	3000	1000	13	80
700151551002	WL320 A 1300lm 13W 840 230V LV UGR	Ø110*54	4000	1300	13	80
700151551003	WL320 B 2070lm 18W 830 230V LV UGR	Ø145*78	4000	2070	18	80
700151551004	WL320 B 2250lm 18W 840 230V LV UGR	Ø145*78	4000	2250	18	80
700151551005	WL320 C 2600lm 25W 830 230V LV UGR	Ø228*99	3000	2600	25	80
700151551006	WL320 C 2850lm 25W 840 230V LV UGR	Ø228*99	4000	2850	25	80

DIMENSIONS: (A X B)
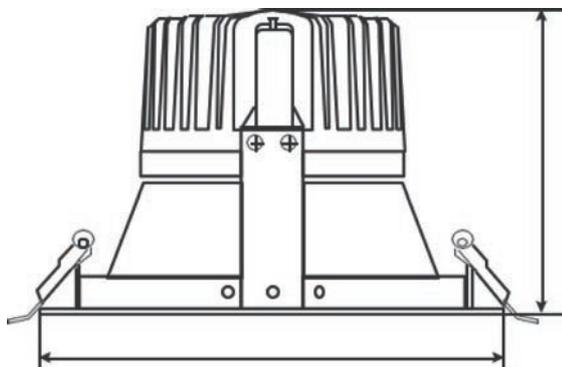
13W = Ø110X54 MM
18W = Ø145X78 MM
25W = Ø228X99 MM

CEILING CUTOUT:
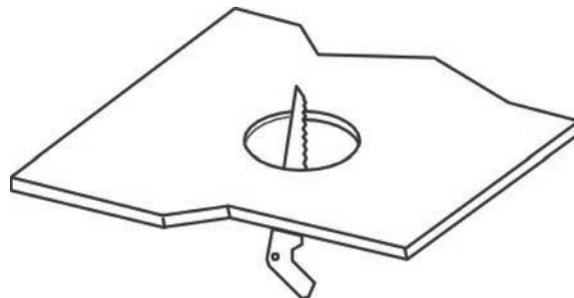
25W = Ø200-210MM
18W = Ø125-135MM
13W = Ø90-95MM

TAKTON

SURFACE MOUNTED

Our surface mounted luminaires have a modern design, attractive appearance and can be used in both public premises and private houses. IP54 dust and moisture protection extends the possibilities of using the luminaires and increases their universality.

TAKTON

DWL-S

BENEFITS:

| 50Hz | ⏚ | C€ | 230V | ▲▲ | IK05 |

▽ D

- Up to 50% energy savings compared with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional wall mounted luminaires in terms of light performance
- Universal solution covering various application requirements

PRODUCT TYPE:
DWL-S

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
120 lm/W

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips or Tridonic included

LIGHT SOURCE:
LED module with Osram LED chips

COLOR TEMPERATURE:
4000K as a standard, 3000,5000,6500K on request

MANAGING OPTIONS:
DALI, 1-10V, Motion sensor, wireless connections.

EMERGENCY BATTERY OPERATED HOURS:
Philips TrustSight system 3 hours light (available only foe DW-S_300)

COLOR TOLERANCE (INITIAL MCADAM):
3

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,87

ELECTRICAL ISOLATION CLASS IEC:
Class I or Class II on request

POWER FACTOR NOMINAL:
0,93

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
10-26 W depending on type

TAKTON

DWL-S

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20 - 50 000 hours

GENERAL INFORMATION

FLAMMABILITY:
No fire resistant

WARRANTY PERIOD:
5 years

PCS ON THE PALLET:
144

APPLICATION:
- Parking garages
- Basements
- Cellars
- Warehouses
- General lighting

DIMENSIONS:

Description	L, mm	H, mm	B, mm
DWL-S_200	200	200	90
DWL-S_300	300	300	90

PRODUCT FAMILY RANGE

EOC	Description	W	LM	Lm/W	L/B 50000 hours	Weight (kg)
700151490001	DWL-S_200 LED012 10W 840 OP IP65 PMMA	10	1200	120	L80/B10	0.6
700151490011	DWL-S_300 LED022 18W 840 OP IP65 PC	18	2200	120	L80/B10	2.0
700151490013	DWL-S_300 LED022 18W 840 OP IP65 PMMA	18	2200	120	L80/B10	2.0
700151490021	DWL-S_300 LED030 25W 840 OP IP65 PC	25	3000	120	L80/B10	2.0
700151490023	DWL-S_300 LED030 25W 840 OP IP65 PMMA	25	3000	120	L80/B10	2.0

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP65

IMPACT RESISTANCE:
05 for PMMA diffuser and IK10 for PC diffuser

TAKTON

DWL-R

BENEFITS:

| 50Hz | ⏚ | CE | 230V | ▲▲ | IK05 |

▽ D

- Up to 50% energy savings compared with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional wall mounted luminaires in terms of light performance
- Universal solution covering various application requirements

PRODUCT TYPE:
DWL-R

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
120 lm/W

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips or Tridonic included

LIGHT SOURCE:
LED module with Osram LED chips

COLOR TEMPERATURE:
4000K as a standard, 3000,5000,6500K on request

MANAGING OPTIONS:
DALI, 1-10V, Motion sensor, wireless connections.

EMERGENCY BATTERY OPERATED HOURS:
Philips TrustSight system 3 hours light (available only foe DW-R_360)

COLOR TOLERANCE (INITIAL MCADAM):
3

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,87

ELECTRICAL ISOLATION CLASS IEC:
Class I or Class II on request

POWER FACTOR NOMINAL:
0,93

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
10-26 W depending on type

TAKTON

DWL-R

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20 - 50 000 hours

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PCS ON THE PALLET:
90

APPLICATION:
- Parking garages
- Basements
- Cellars
- Warehouses
- General lighting

DIMENSIONS:

Description	D, mm	B, mm
DWL-S_260	260	90
DWL-S_360	360	90

PRODUCT FAMILY RANGE

EOC	Description	W	LM	Lm/W	L/B 50000 hours	Weight (kg)
700151490101	DWL-R_260 LED012 10W 840 OP IP65 PMMA	10	1200	120	L80/B10	0.6
700151490111	DWL-R_360 LED022 18W 840 OP IP65 PC	18	2200	120	L80/B10	2.0
700151490113	DWL-R_360 LED022 18W 840 OP IP65 PMMA	18	2200	120	L80/B10	2.0
700151490121	DWL-R_360 LED030 25W 840 OP IP65 PC	25	3000	120	L80/B10	2.0
700151491123	DWL-R_360 LED030 25W 840 OP IP65 PMMA	25	3000	120	L80/B10	2.0

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP65

IMPACT RESISTANCE:
05 for PMMA diffuser and IK10 for PC diffuser

TAKTON

DWL-L

BENEFITS:

50Hz	(earth)	CE	230V	▲▲	IK02

IP54	D	EN EC 22

- Up to 50% energy savings compared with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof and wall mounted luminaires in terms of light performance
- Universal solution covering various application requirements

PRODUCT TYPE:
DWL-L

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
120-173 lm/W depends on the type

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips or Tridonic included

LIGHT SOURCE:
LED module with Osram LED chips

COLOR TEMPERATURE:
4000K as a standard, 3000,5000,6500K on request

MANAGING OPTIONS:
DALI, 1-10V, Motion sensor, wireless connections.

EMERGENCY BATTERY OPERATED HOURS:
Philips TrustSight system 3 hours light (Basic or self test)

COLOR TOLERANCE (INITIAL MCADAM):
3

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,92

ELECTRICAL ISOLATION CLASS IEC:
Class I or Class II on request

POWER FACTOR NOMINAL:
0,93

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
33-68 W depending on type

TAKTON

DWL-L

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20 - 50 000 hours

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PCS ON THE PALLET:
80

APPLICATION:
- Parking garages
- Basements
- Cellars
- Warehouses
- General lighting

DIMENSIONS:

Description	L, mm	H, mm	B, mm	E, mm
DWL-L_120	1260	105	95	740
DWL-L_150	1560	105	95	850

PRODUCT FAMILY RANGE

EOC	Description	W	LM	Lm/W	L/B 50000 hours	Weight (kg)
700151490201	DWL-L_120 4400Lm 36W I 840 IP54 PMMA	36	4400	122	L80/B10	2.7
700151490203	DWL-L_120 7500Lm 49W I 840 IP54 PMMA	49	7500	153	L80/B10	2.7
700151490301	DWL-L_150 5400Lm 33W I 840 IP54 PMMA	33	5400	164	L80/B10	3.0
700151490303	DWL-L_150 10300Lm 72W I 840 IP54 PMMA	72	10300	160	L80/B10	3.0

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP54

IMPACT RESISTANCE:
02

TAKTON

RWC

BENEFITS:

| 50Hz | ⏚ | CE | 230V | ▲▲ | IK05 |

▽ D

- Up to 50% energy savings compared with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional wall or ceiling mounted luminaires in terms of light performance
- Thanks to the decorative screens, these light fittings can decorate any office or residential interior
- Universal solution covering various application requirements

PRODUCT TYPE:
RWC

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
120 lm/W

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips or Tridonic included

LIGHT SOURCE:
LED module

COLOR TEMPERATURE:
4000K as a standard, 3000,5000,6500K on request

MANAGING OPTIONS:
DALI, 1-10V, Motion sensor, wireless connections.

EMERGENCY BATTERY OPERATED HOURS:
Yes

COLOR TOLERANCE (INITIAL MCADAM):
3

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,92

ELECTRICAL ISOLATION CLASS IEC:
Class I or Class II on request

POWER FACTOR NOMINAL:
0,93

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
10-39 W depending on type

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP40

IMPACT RESISTANCE:
IK05 for PMMA diffuser

TAKTON

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B10 - 50 000 hours

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PCS ON THE PALLET:
90

DIMENSIONS:

APPLICATION:
- Parking garages
- Basements
- Cellars
- Warehouses
- General lighting

Description	D/D1/D2, mm	H1/H2, mm
RWC 290	290	70
RWC 360	360	70
RWC 400	464	70

PRODUCT FAMILY RANGE

EOC	Description	Diffuser	CCT	Ø (mm)
700151490141	RWC290 B 2300lm 20W I 840	cambered	4000K	290
700151490142	RWC290 B 2100lm 20W I 830	cambered	3000K	290
700151490143	RWC290 C 2400lm 20W I 840	cylindric	4000K	290
700151490144	RWC290 C 2200lm 20W I 830	cylindric	3000K	290
700151490150	RWC360 B 2900lm 25W I 840	cambered	4000K	360
700151490151	RWC360 B 2700lm 25W I 830	cambered	3000K	360
700151490152	RWC360 C 3100lm 25W I 840	cylindric	4000K	360
700151490153	RWC360 C 2900lm 25W I 830	cylindric	3000K	360
700151490160	RWC460 B 3700lm 30W I 840	cambered	4000K	464
700151490161	RWC460 B 3400lm 30W I 830	cambered	3000K	464
700151490162	RWC460 C 3900lm 30W I 840	cylindric	4000K	464
700151490163	RWC460 C 3600lm 30W I 830	cylindric	3000K	464

ACCESSORIES

Decorative screens

Set for suspension

DIFFUSER OPTIONS

Cambered PMMA

Cylindric PMMA

TAKTON

LINEAR LIGHT

Linear luminaires in aluminum profile are designed to illuminate office spaces for the most demanding customers. High efficiency, low glare and various options help to create a unique atmosphere in your office.

TAKTON

LS 352

BENEFITS:

| IP65 | ⏚ | CE | 230V | IK05 |

- Suitable for offices.
- Very low glare effect.
- Aesthetic minimalistic modern design.
- Smooth die-casted end caps without visible screws.
- Possible to be in different colors.
- Different length on demand
- Hight efficacy.
- Tunable white version available.
- High quality components, all made in Europe.
- Easy installation.

PRODUCT TYPE:
LS 352

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 II as a standard, I on request

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:
18-35 W as a standard

CONTROL MEHTOD:
On/Off version, DALI, Casambi.

QUANTITY ON MCB16A:
≤ 33 pcs

LIGHTING PERFORMANCE

CCT:
3000K, 4000K, 2700-6500K

COLOR RENDERING INDEX, CRI:
80 as a standard, 90 on request

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT DISTRIBUTION:
60 dgr, symmetric as a standard.

LIGHT SOURCE:
Modules with OSRAM high efficasy LED chips

LOR:
up to 0.87-0.93

LUMINAIRE LUMEN OUTPUT RANGE, LM:
2500-5000 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

TYPE OF OPTIC:
- Low ageing PMMA LEDIL lenses,
- DARKPOINT optics: reflector with a black or silver, specular, glare-reducing baffle

TAKTON

LS 352

CONSTRUCTION AND MATERIALS

DIMENSIONS LxWxH:
- Length 1130mm as a standard.
- Length 850mm,1400mm on demand.

HOUSING COLOUR:
- Dark grey or White as standard.
- All other colors possible on request

HOUSING MATERIAL:
Housing: aluminum profile with die casting end caps

IMPACT RESISTANCE:
IK05

INGRESS PROTECTION:
IP40

INSTALLATION OPTIONS:
- Suspended
- Surface mounted
- In track

OPTICAL COVER:
PMMA

OPERATION AND MAINTENANCE

ELECTRICAL CONNECTION:
3m 2x0.75 wire as standard

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

MAINTENANCE OF LUMEN OUTPUT:
100 000 hours – L90B10

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

APPLICATION:
- Offices
- Meeting rooms
- Schools
- Public spaces
- Retail
- Hotels and residences

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS compliant

PRODUCT FAMILY RANGE

Code	Description	Light ouput, L	Power (W)	Efficacy (lm/W)	CCT,K	CRI
700155850010	LS352 LED4600Lm 35W I 830 WB L1130 ALU Wh/DARK	4600	35	131	3000	80
700155850020	LS352 LED4900Lm 35W I 840 WB L1130 ALU Wh/DARK	4900	35	140	4000	80
700155850110	LS352 LED4800Lm 35W I 830 WB L1130 ALU Wh/Chrom	4800	35	137	3000	80
700155850120	LS352 LED5000Lm 35W I 840 WB L1130 ALU Wh/Chrom	5000	35	143	4000	80
700155852010	LS352 LED4600Lm 35W I 830 WB L1130 ALU Grey/DARK	4600	35	131	3000	80
700155852020	LS352 LED4900Lm 35W I 840 WB L1130 ALU Grey /DARK	4900	35	140	4000	80

more detailed specification available on the website

WB	NB	WWB

TAKTON

CLARLINE

BENEFITS:

| IP40 | IK05 | C€ | 230V | ⏚ |
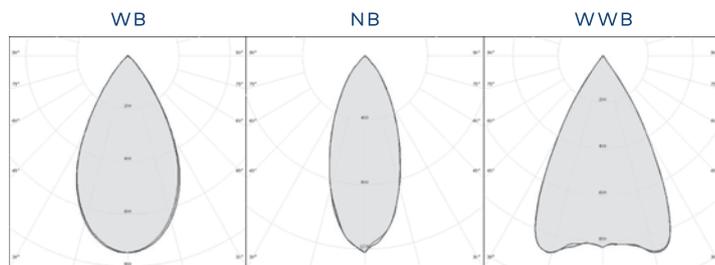
- General indoor lighting for offices, retail, and public areas
- Aisle and shelf lighting in commercial and warehouse spaces
- Wall washing and vertical surface illumination
- Blackboard and classroom board lighting
- Corridor and utility area lighting

PRODUCT TYPE:
CLARLINE LS450

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 II as a standard, I on request

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:
18-35 W as a standard

QUANTITY ON MCB16A:
≤ 33 pcs

CONTROLS AND DIMMING

CONTROL INTERFACE:
Corridor Mode, DALI, Touch and Dim

CONDITION:
DALI parts: 101, 102, 207, 251, 252, 253

DIMMING RANGE:
1-100%

CASAMBI ECOSYSTEM:
Compatible

CONSTRUCTION AND MATERIALS

HOUSING COLOUR:
- Grey or White as standard
- All other colors possible on request

HOUSING MATERIAL:
Housing: aluminum profile with die casting end caps

IMPACT RESISTANCE:
IK05

INGRESS PROTECTION:
IP40

INSTALLATION OPTIONS:
- Suspended
- Surface mounted
- In track

OPTICAL COVER:
PMMA

DIMENSIONS LxWxH:
- Length 1130 mm as a standard.
- Length 850mm,1400mm on demand.

TAKTON

CLARLINE

LIGHTING PERFORMANCE

CCT:
3000K, 4000K, Tunable White 2700-6500K

COLOR RENDERING INDEX, CRI:
80 as a standard, 90 on request

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT DISTRIBUTION:
60 and 110 dgr symmetric, Double asymmetric,
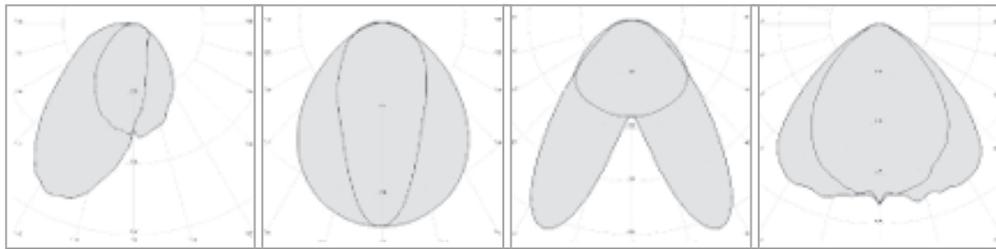Asymmetric beam for wall washing

LIGHT SOURCE:
Modules with OSRAM high efficacy LED chips

LOR:
up to 0.87-0.93

LUMINAIRE LUMEN OUTPUT RANGE, LM:
2500-5000 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

TYPE OF OPTIC:
Low ageing PMMA LEDIL lenses

OPERATION AND MAINTENANCE

ELECTRICAL CONNECTION:
3m 2x0.75 wire as standard

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

MAINTENANCE OF LUMEN OUTPUT:
100 000 hours – L90B10

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

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS compliant

PRODUCT FAMILY RANGE

EOC	Description	Lm	W	Lm/W
700155950000	LS450_120 3000lm 19W I 840 S 60D	3000	19	158
700155950020	LS450_120 6300lm 40W I 840 S 60D	6300	40	158
700155950030	LS450_150 3700lm 23W I 840 S 60D	3700	23	161
700155950050	LS450_150 7900lm 50W I 840 S 60D	7900	50	158
700155950120	LS450_120 3000lm 19W I 840 ZT25	3000	19	158
700155950140	LS450_120 6300lm 40W I 840 ZT25	6300	40	158
700155950150	LS450_150 3700lm 23W I 840 ZT25	3700	23	161
700155950170	LS450_150 7900lm 50W I 840 ZT25	7900	50	158

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
- Hight 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 MEHTOD
On/Off version, DALI, Casambi, 1-10V

QUANTITY ON MCB16A
≤ 30 pcs

TAKTON

LIGHTING PERFORMANCE

CCT:
3000K, 4000K

COLOR RENDERING INDEX, CRI:
80 as a standard

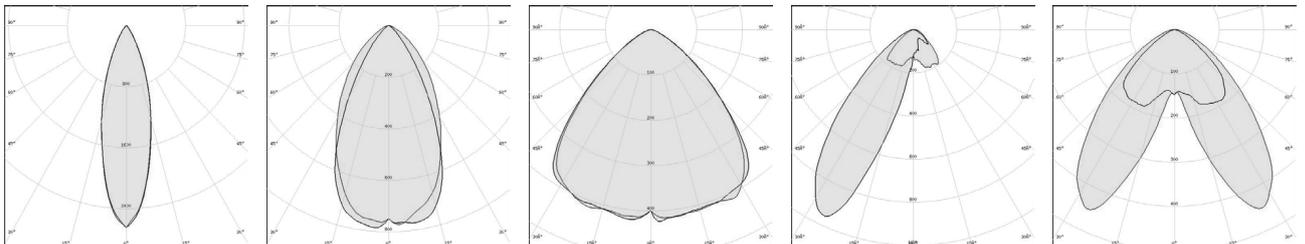**INITIAL COLOR SHIFT, SDCM:**
< 3

LIGHT DISTRIBUTION:
- Symmetrical 30, 60, 90 dgr.
- Asymmetrical, Double asymmetrica.l

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

CONSTRUCTIONAND 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 interprises

TAKTON

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS complaint

PRODUCT FAMILY RANGE

Code	Name	LM	W	Lm/W	Optic
	LIGHT MODULES DTS115				
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	Assymetric
700156121040	DTS115-140 6150lm 40W 840I DAS WH	6150	40	154	Double assymetric
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	Assymetric
700156121140	DTS115-140 11800lm 83W 840I DAS WH	11800	83	142	Double assymetric

TAKTON

DTS117

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.
- Affordable price, low initial investments.
- Hight 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 MEHTOD
On/Off version, DALI, Casambi, 1-10V

QUANTITY ON MCB16A
≤ 30 pcs

TAKTON

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 asymmetrica.l

LIGHT SOURCE:
LED Linear modules

LOR:
up to 0.88-0.92

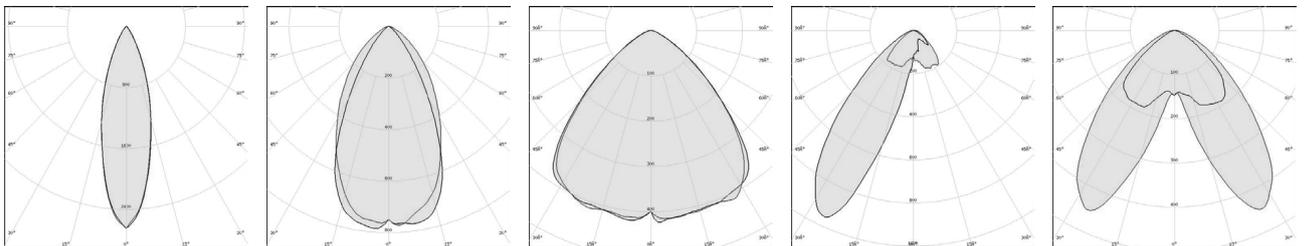**LUMINAIRE LUMEN OUTPUT RANGE, LM:**
5700-11500 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

TYPE OF OPTIC:
Low ageing PMMA LEDIL 2 row lenses

Light distribution

CONSTRUCTIONAND 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

TAKTON

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS complaint

PRODUCT FAMILY RANGE

Code	Name	LM	W	Lm/W	Optic
	LIGHT MODULES DTS117				
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	Assymetric
700156221050	DTS117-140 5300lm 36W 840I DAS-L WH	5300	36	147	Double assymetric
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	Assymetric
700156221150	DTS117-140 11200lm 71W 840I DAS-L WH	11200	71	158	Double assymetric

ACCESORIES

LINE CONNECTORS
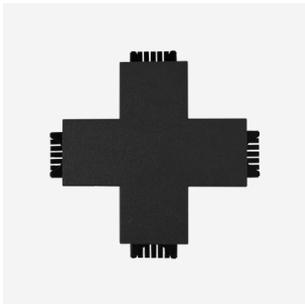
Y CONNECTOR

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

TAKTON

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

TAKTON

INSTALLATION ACCESSORIES

END CAP
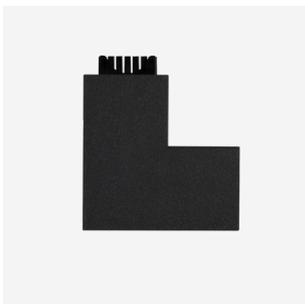
MATERIAL:
PLA, ecological neutral

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

TAKTON

ROPE FOR SUSPENSION

MATERIAL:
Spring steel

STANDARD LENGHT:
3 m

OTHER DIMENSIONS ON

Art Nr.	Description
DH1001	Suspension rope 3 m

FUNCTIONAL MODULES

ESCAPE ROTE ILLUMINATION

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:
3 W as a standard
a
AUTONOMY 3 HOURS

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

BATTERY CHARGING 24 HOURS

LIGHTING PERFORMANCE

CCT:
4000K

TYPE OF OPTIC:
- WS – wide symmetrical optic for areas
- WN – wide narrow optic for corridors.

LIGHT SOURCE:
LG LED chip 1.5W

CONSTRUCTION AND MATERIALS

HOUSING COLOUR:
Dark grey RAL7016 or White RAL9010 as standard.

BATTERY LIFEPO4 3,2V 1,5A

HOUSING MATERIAL:
Housing: PC

OPTICAL LENS MATERIAL:
PMMA

IMPACT RESISTANCE:
IK04

MODULE DIMENSIONS LENGTH 280 MM AS A STANDARD.

INGRESS PROTECTION:
IP40

TAKTON

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

ELECTRICAL ISOLATION CLASS IEC:
Safety class II as a standard

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

POWER FACTOR NOMINAL:
up to 0.98

POWER RANGE:
4 W as a standard

AUTONOMY 3 HOURS

BATTERY CHARGING 24 HOURS

LIGHTING PERFORMANCE

VISIBILITY:
25 m

LIGHT SOURCE:
LED module

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

CONSTRUCTION AND MATERIALS

HOUSING COLOUR:
Dark grey RAL7016 or White RAL9010 as standard.

HOUSING MATERIAL:
Housing: PC

IMPACT RESISTANCE:
IK04

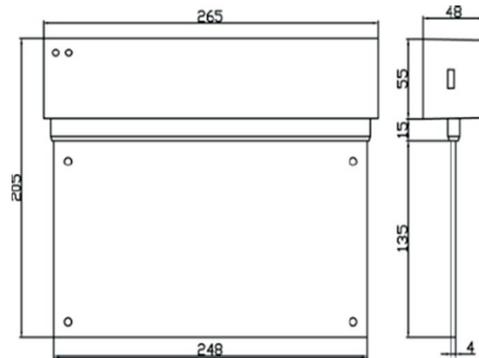**BATTERY LIFEPO4 3,2V 1,5A**

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

TAKTON

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

TAKTON

ACCENTLIGHTING

TAKTON accent lighting fixtures are designed to illuminate retail spaces.
They meet all the needs of both commercial and food trade.
It is also possible to use for accent and general lighting in offices and
HoReCa facilities.

TAKTON

STYLESPOT M

BENEFITS:

| IP20 | IK02 | CE | 230V | F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
STYLESPOT M DTP 100

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
90lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard

POWER SUPPLY:
Driver included

LIGHT SOURCE:
COB Philips SLM G7 Premium White

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
Class I or II

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

REFLECTOR MATERIAL:
Faceted anodized aluminum

BODY MATERIAL:
Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

STYLESPOT M

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

**POWER CONSUMPTION TOLERANCE:**
+/- 10%

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

PRODUCT FAMILY RANGE

EOC	Description	Colour, K	CRI	Track adaptor	Finish	Power, W	Beam Angle for the Reflector
700151452101	DTP100 LED008 9W 15DGR WH	3000	90	Global 3phase	White	9	15
700151452102	DTP100 LED008 9W 25DGR WH	3000	90	Global 3phase	White	9	25
700151452103	DTP100 LED008 9W 35DGR WH	3000	90	Global 3phase	White	9	35
700151452104	DTP100 LED008 9W 15DGR BK	3000	90	Global 3phase	Black	9	15
700151452105	DTP100 LED008 9W 15DGR BK	3000	90	Global 3phase	Black	9	25
700151452106	DTP100 LED008 9W 35DGR BK	3000	90	Global 3phase	Black	9	35
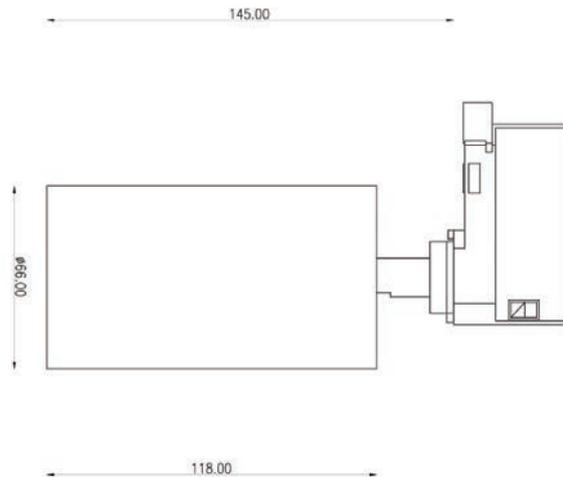
TAKTON

STYLESPOT L

BENEFITS:

| IP20 | IK02 | CE | 230V | F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
STYLESPOT L DTP 101

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
90lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard, 80 on request

POWER SUPPLY:
Driver included

LIGHT SOURCE:
COB Philips SLM G7 Premium White

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
Class I or II

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

REFLECTOR MATERIAL:
Faceted anodized aluminum

BODY MATERIAL:
Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

STYLESPOT L

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 10%

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

PRODUCT FAMILY RANGE

EOC	Description	Colour, K	CRI	FINISH	Track adaptor	Lm	Power, W	Beam Angle for the Reflector
700151452313	DTP101 LED011 14W 930 15DGR WH	3000	90	White	Global 3phase	1100	14	15
700151452314	DTP101 LED011 14W 930 25DGR WH	3000	90	White	Global 3phase	1100	14	25
700151452315	DTP101 LED011 14W 930 35DGR WH	3000	90	White	Global 3phase	1100	14	35
700151452316	DTP101 LED011 14W 930 15DGR BK	3000	90	Black	Global 3phase	1100	14	15
700151452317	DTP101 LED011 14W 930 25DGR BK	3000	90	Black	Global 3phase	1100	14	25
700151452318	DTP101 LED011 14W 930 35DGR BK	3000	90	Black	Global 3phase	1100	14	35

TAKTON

OPTISPOT M

BENEFITS:

| IP20 | IK02 | CE | 230V | ▽F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
OPTISPOT M DTP 104

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
Up to 130lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard

POWER SUPPLY:
Track Adaptor Driver included

LIGHT SOURCE:
Philips or Cree COB LED module

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
Class II

POWER FACTOR NOMINAL:
0,95

DRIVER TYPE:
Track Adaptor Driver

POWER CONSUMPTION:
21,27W depends on type

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

BODY MATERIAL:
Due-casted Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

OPTISPOT M

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

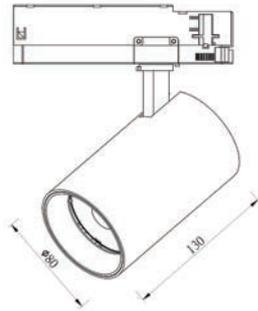## GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PACKAGING:
* Inner box – 1 pcs
* Outer box – 20 pcs

APPLICATION:
* Shops
* Show rooms
* Meeting rooms
* Circulation areas
* Hospitality

DIMENSIONS:

LIGHTING PERFORMANCE

CCT:
3000K, 3500K, 4000K

COLOR RENDERING INDEX, CRI:
> 90

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT DISTRIBUTION:
15, 36, 60 dgr

LIGHT SOURCE:
COB modules

LUMINAIRE LUMEN OUTPUT RANGE, LM:
2800-4480 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

TYPE OF OPTIC:
PC, Aluminium coated

PRODUCT FAMILY RANGE

Luminaire type	CRI	CCT, K	Light output, lm	Input power, W	Efficacy, lm/W
DTP104	90	3000	2580	21	123
DTP104	90	3000	3250	21	120
DTP104	90	3500	2660	21	127
DTP104	90	3500	3350	21	124
DTP104	90	4000	2750	21	131
DTP104	90	4000	3450	21	128

TAKTON

OPTISPOT L

BENEFITS:

| IP20 | IK02 | C€ | 230V | ▽F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
OPTISPOT L DTP 105

FUNCTIONALITY

MANAGING SYSTEM:
DALI2, CASAMBI

INITIAL LED LUMINAIRE EFFICACY:
Up to 130lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard

POWER SUPPLY:
Track Adaptor Driver included

LIGHT SOURCE:
Philips or Cree COB LED module

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
Class II

POWER FACTOR NOMINAL:
0,95

DRIVER TYPE:
Track Adaptor Driver

POWER CONSUMPTION:
34,41W depends on type

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

COLOR:
White or Black

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

OPTISPOT L

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

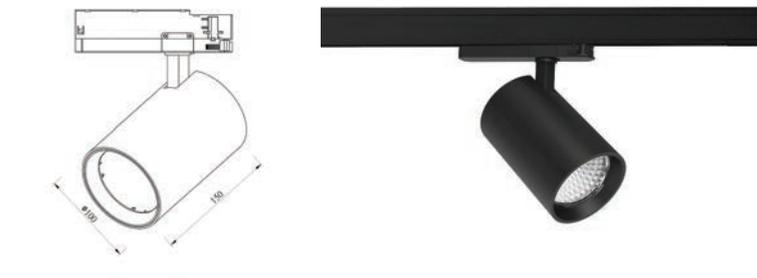## GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PACKAGING:
- Inner box – 1 pcs
- Outer box – 16 pcs

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

DIMENSIONS:

LIGHTING PERFORMANCE

CCT:
3000K, 3500K, 4000K

COLOR RENDERING INDEX, CRI:
> 90

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT DISTRIBUTION:
15, 36, 60 dgr

LIGHT SOURCE:
COB modules

LUMINAIRE LUMEN OUTPUT RANGE, LM:
3850-4700 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

TYPE OF OPTIC:
PC, Aluminium coated

PRODUCT FAMILY RANGE

Luminaire type	CRI	CCT, K	Light output, lm	Input power, W	Efficacy, lm/W
DTP105	90	3000	3850	34	113
DTP105	90	3000	4520	41	110
DTP105	90	3500	3980	34	117
DTP105	90	3500	4580	41	112
DTP105	90	4000	4050	34	119
DTP105	90	4000	4700	41	115

TAKTON

CLEARSPOT

BENEFITS:

IP20	IK02	CE	230V	F

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Various light distribution
- High efficacy LEDIL lens
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
CLEARSPOT DTP 107

GENERAL INFORMATION

INITIAL LED LUMINAIRE EFFICACY:
Up to 165 lm/W

ROTATION:
0-90 degrees tilt and 0-355 degrees pan bandwidth

POWER SUPPLY:
Track Adaptor Driver included

LIGHT SOURCE:
Philips COB LED module

ELECTRICAL PARAMETERS

DRIVER TYPE:
Track Adaptor Driver

PROTECTION CLASS IEC:
Class II

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

POWER CONSUMPTION:
10-31W

POWER CONSUMPTION TOLERANCE:
+/- 5%

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

LENS MATERIAL:
PMMA

BODY MATERIAL:
Due-casted Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

CLEARSPOT

LIGHTING PERFORMANCE

CCT:
2700,3000K,3500K,4000K

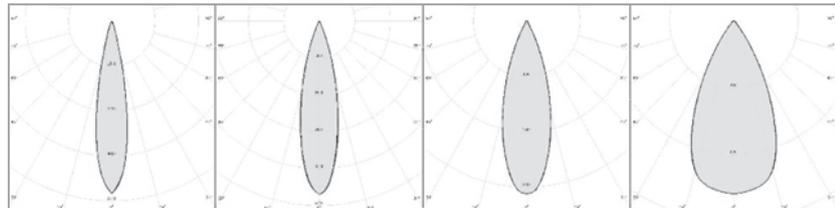**COLOR RENDERING INDEX, CRI:**
> 90

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT DISTRIBUTION:
15, 26, 36, 60 dgr

LOR:
up to 0,91

LUMINAIRE LUMEN OUTPUT RANGE, LM:
1450-4480 lm depending on type

PHOTOBIOLOGICAL SAFETY:
RG1

CONTROLS AND DIMMING

CONTROL INTERFACE:
Corridor Mode, DALI, Touch and Dim

CONDITION:
DALI parts: 101, 102, 207, 251, 252, 253

DIMMING RANGE:
1-100%

CASAMBI ECOSYSTEM:
compatible

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B10, 110 000 Hours

WARRANTY AND APPLICATION

WARRANTY PERIOD:
5 years

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

PRODUCT FAMILY RANGE

Low glare version

Description	CRI	CCT, K	Light output, lm	Power W	Efficacy Lm/W	L80B10, hours
DTP107 UHE	90	3000	1450	10	145	110000
DTP107 UHE	90	4000	1550	10	155	110000
DTP107 UHE	90	3000	2000	14	143	110000
DTP107 UHE	90	4000	2100	14	150	110000
DTP107 UHE	90	3000	2600	19	137	110000
DTP107 UHE	90	4000	2700	19	142	110000
DTP107 UHE	90	3000	3400	25	136	110000
DTP107 UHE	90	4000	3500	25	140	110000
DTP107 UHE	90	3000	4100	31	132	110000
DTP107 UHE	90	4000	4200	31	135	110000

High efficasy version

Description	CRI	CCT, K	Light output, lm	Power W	Efficacy Lm/W	L80B10, hours
DTP107 UHE	90	3000	1550	10	155	110000
DTP107 UHE	90	4000	1650	10	165	110000
DTP107 UHE	90	3000	2150	14	154	110000
DTP107 UHE	90	4000	2280	14	163	110000
DTP107 UHE	90	3000	2800	19	147	110000
DTP107 UHE	90	4000	2950	19	155	110000
DTP107 UHE	90	3000	3650	25	146	110000
DTP107 UHE	90	4000	3850	25	154	110000
DTP107 UHE	90	3000	4400	31	142	110000
DTP107 UHE	90	4000	4480	31	145	110000

TAKTON

VUEX EXPO FRAMING

BENEFITS:

IP20	IK02	C€	230V	▽F

- High Efficiency — maximum light output with minimal energy use
- Excellent Color Rendering — accurate, vibrant, and true-to-life colors (CRI 90+)
- Adjustable Beam Angle — flexible lighting from narrow spot to wide flood
- Precise Beam Shaping with Framing — clean-cut edges to highlight only the intended surfaces

PRODUCT TYPE:
VUEX EXPO Framing DTP 110

A premium lighting solution was created for museums and exhibitions. This fixture delivers exceptional energy efficiency, ensuring reduced power consumption without compromising brightness. With high color rendering, it accurately reveals the true colors and intricate details of artworks and exhibits. The adjustable beam angle provides precise light control Additionally, the fixture is equipped with a framing system, allowing the light beam to be cleanly shaped with sharp edges. This enables curators to illuminate only the desired surfaces, minimizing light spill and enhancing focus on specific objects or areas.

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
38lm/W

COLOR RENDERING INDEX (CRI):
>90 as a standard

POWER SUPPLY:
Track Adaptor Driver with a turning nuts on the track adaptor

LIGHT SOURCE:
Philips or Cree COB LED module

ELECTRICAL PARAMETERS

DRIVER TYPE:
Track Adaptor Driver

ELECTRICAL ISOLATION CLASS IEC:
Class II

POWER CONSUMPTION:
25W

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

BODY MATERIAL:
Due-casted Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

TAKTON

VUEX EXPO FRAMING

LIGHTING PERFORMANCE

CCT:
3000K, 4000K

COLOR RENDERING INDEX, CRI:
> 90

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT SOURCE:
COB modules

TYPE OF OPTIC:
Lens

LUMINAIRE LUMEN OUTPUT RANGE, LM:
920 lm

PHOTOBIOLOGICAL SAFETY:
RG1

LIGHT DISTRIBUTION:
15-25dgr or 20-36gdr

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

## GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PACKAGING:
Box – 1 pcs

APPLICATION:
• Museums
• Exhibitions
• Art salons
• Showrooms

PRODUCT FAMILY RANGE

EOC	Description	CCT K	CRI	FINISH	Beam angle
700151456100	DTP110 930lm 25W 940 15-25dgr WH	4000	>90	white	15-25
700151456101	DTP110 930lm 25W 940 15-25dgr BK	4000	>90	black	15-25
700151456102	DTP110 930lm 25W 940 20-36dgr WH	4000	>90	white	20-36
700151456103	DTP110 930lm 25W 940 20-36dgr BK	4000	>90	black	20-36
700151456104	DTP110 920lm 25W 930 15-25dgr WH	3000	>90	white	15-25
700151456105	DTP110 920lm 25W 930 15-25dgr BK	3000	>90	black	15-25
700151456106	DTP110 920lm 25W 930 20-36dgr WH	3000	>90	white	20-36

TAKTON

DTP 112 TRACKZOOM

BENEFITS:

IP20 IK02 C€ 230V
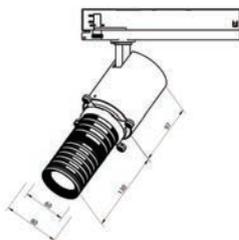
- Adjustable beam angle for versatile lighting design
- High CRI for true-to-life color rendering
- Sleek, durable aluminum body with efficient heat management
- Flicker-free driver for comfortable viewing
- Compatible with three-circuit track systems
- Ideal for retail, office, gallery, and hospitality lighting

PRODUCT TYPE:
TRACKZOOM DTP 112

Experience ultimate versatility with our adjustable beam LED track light – the perfect solution for dynamic retail, office, and gallery spaces. With a variable beam angle, you can easily switch from a narrow spotlight to a wide flood, delivering exactly the light distribution your project requires. This zoomable LED spotlight combines high-efficiency LEDs with a high CRI ≥ 90, ensuring vibrant, accurate colors and uniform illumination. The precision-engineered aluminum housing offers excellent heat dissipation, a sleek minimalist look, and long-term reliability. Ideal for track lighting in retail stores, office spaces, museums, and showrooms, this luminaire adapts to changing layouts with ease. The tool-free zoom mechanism makes beam adjustment fast and effortless, giving you total control over focus and ambience.

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
100lm/W

COLOR RENDERING INDEX (CRI):
>90 as a standard

POWER SUPPLY:
Track Adaptor Driver inclied

LIGHT SOURCE:
Philips COB LED module

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
Class II

POWER CONSUMPTION:
28W

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

BODY MATERIAL:
Due-casted Aluminium

COLOR:
White or Black

INSTALLATION:
Track mounted

TAKTON

DTP 112 TRACKZOOM

LIGHTING PERFORMANCE

CCT:
3000K, 4000K

COLOR RENDERING INDEX, CRI:
> 90

INITIAL COLOR SHIFT, SDCM:
< 3

LIGHT SOURCE:
COB modules

TYPE OF OPTIC:
Lens

LUMINAIRE LUMEN OUTPUT RANGE, LM:
2900-3000 lm

PHOTOBIOLOGICAL SAFETY:
RG1

LIGHT DISTRIBUTION:
20-50gdr

OVERTIME PERFORMANCE

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

GENERAL INFORMATION

WARRANTY PERIOD:
5 years

PACKAGING:
Box – 1 pcs

APPLICATION:
• Museums
• Exhibitions
• Art salons
• Showrooms

PRODUCT FAMILY RANGE

Code	Description	CCT	CRI	FINISH	Beam angle
700151456200	DTP112 2900lm 28W 930 20-50dgr WH	3000 k	90	white	20-50 dgr
700151456201	DTP112 2900lm 28W 930 20-50dgr BK	3000 k	90	black	20-50 dgr
700151456210	DTP112 3000lm 28W 940 20-50dgr WH	4000 k	90	white	20-50 dgr
700151456211	DTP112 3000lm 28W 940 20-50dgr BK	4000 k	90	black	20-50 dgr

TAKTON

DRS110

BENEFITS:

| IP20 | IK02 | C€ | 230V | ▽F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
DRS110

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
95lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard, 80 on request

POWER SUPPLY:
Philips or Tridonic Driver included

LIGHT SOURCE:
Philips SLM G7 Premium white

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
92%

ELECTRICAL ISOLATION CLASS IEC:
Class II

INPUT FREQUENCY:
50-60 HZ

POWER CONSUMPTION:
27W, 42W Depends on type

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

REFLECTOR MATERIAL:
Faceted anodized aluminum

BODY MATERIAL:
Aluminium

COLOR:
White or Black

BEAM ANGLE:
24, 36,50, 60 dgr

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

DRS110

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 hours

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

INITIAL SYSTEM EFFICACY:
90 Lm/W

POWER CONSUMPTION TOLERANCE:
+/- 10%

LUMINOUS FLUX SYSTEM TOLERANCE:
5%

GENERAL INFORMATION

FLAMMABILITY:
NO

ROHS MARK:
ROHS compliant

WARRANTY PERIOD:
5 years

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

CE MARK:
CE mark

PRODUCT FAMILY RANGE

ORDERING CODE	Description	CRI	CCT,K	Initial luminous flux, Lm	Finish	Power,W	Beam angle, dgr
700151453301	DRS110 LED025 27W 930 24DGR WH	>90	3000	2500	White	27	24
700151453101	DRS110 LED025 27W 930 24DGR BK	>90	3000	2500	Black	27	24
700151453302	DRS110 LED025 27W 930 36DGR WH	>90	3000	2500	White	27	36
700151453402	DRS110 LED025 27W 930 36DGR BK	>90	3000	2500	Black	27	36
700151453303	DRS110 LED025 27W 930 60DGR WH	>90	3000	2500	White	27	60
700151453403	DRS110 LED025 27W 930 60DGR BK	>90	3000	2500	Black	27	60
700151453304	DRS110 LED025 27W 940 24DGR WH	>90	4000	2500	White	27	24
700151453404	DRS110 LED025 27W 940 24DGR BK	>90	4000	2500	Black	27	24
700151453305	DRS110 LED025 27W 940 36DGR WH	>90	4000	2500	White	27	36
700151453405	DRS110 LED025 27W 940 36DGR BK	>90	4000	2500	Black	27	36
700151453306	DRS110 LED025 27W 940 60DGR WH	>90	4000	2500	White	27	60
700151453406	DRS110 LED025 27W 940 60DGR BK	>90	4000	2500	Black	27	60
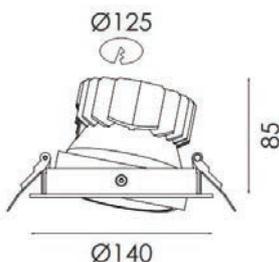
Ø125
85
Ø140

TAKTON

DRS111

BENEFITS:

| IP20 | IK02 | CE | 230V | F |

- LED accent-lighting solution with a reasonable payback compared to conventional technologies
- Suitable for food and fashion retailers
- Available in a choice of black or white finish

PRODUCT TYPE:
DRS111

FUNCTIONALITY

INITIAL LED LUMINAIRE EFFICACY:
95lm/W

COLOR RENDERING INDEX (CRI):
90 as a standard, 80 on request

POWER SUPPLY:
Philips or Tridonic Driver included

LIGHT SOURCE:
Philips SLM G7 Premium white

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
92%

ELECTRICAL ISOLATION CLASS IEC:
Class II

INPUT FREQUENCY:
50-60 HZ

POWER CONSUMPTION:
27W, 42W Depends on type

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP20

IMPACT RESISTANCE:
IK02

REFLECTOR MATERIAL:
Faceted anodized aluminum

BODY MATERIAL:
Aluminium

COLOR:
White or Black

BEAM ANGLE:
24, 36,50, 60 dgr

INSTALLATION:
Track mounted

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
0°C to +35°C

TAKTON

DRS111

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 hours

INITIAL SYSTEM EFFICACY:
90 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B50, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 10%

GENERAL INFORMATION

FLAMMABILITY:
NO

**WARRANTY PERIOD:**
5 years

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
- Shops
- Show rooms
- Meeting rooms
- Circulation areas
- Hospitality

PRODUCT FAMILY RANGE

ORDERING CODE	Description	CRI	CCT,K	Initial luminous flux, Lm	Finish	Power,W	Beam angle, dgr
700151453307	DRS111 LED038 42W 930 24DGR WH	>90	3000	3800	White	42	24
700151453507	DRS111 LED038 42W 930 24DGR BK	>90	3000	3800	Black	42	24
700151453308	DRS111 LED038 42W 930 36DGR WH	>90	3000	3800	White	42	36
700151453551	DRS111 LED038 42W 930 36DGR BK	>90	3000	3800	Black	42	36
700151453309	DRS111 LED038 42W 930 50DGR WH	>90	3000	3800	White	42	50
700151453595	DRS111 LED038 42W 930 50DGR BK	>90	3000	3800	Black	42	50
700151453310	DRS111 LED038 42W 940 24DGR WH	>90	4000	3800	White	42	24
700151453639	DRS111 LED038 42W 940 24DGR BK	>90	4000	3800	Black	42	24
700151453311	DRS111 LED038 42W 940 36DGR WH	>90	4000	3800	White	42	36
700151453682	DRS111 LED038 42W 940 36DGR BK	>90	4000	3800	Black	42	36
700151453312	DRS111 LED038 42W 940 50DGR WH	>90	4000	3800	White	42	50
700151453726	DRS111 LED038 42W 940 50DGR BK	>90	4000	3800	Black	42	50

Ø155

110

Ø165

TAKTON
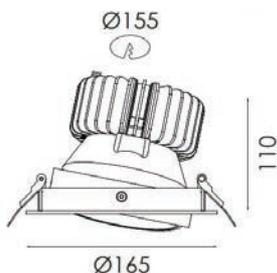
INDUSTRIAL

Discover our range of luminaires for industrial applications.
High dust and moisture protection, high energy efficiency, various
control options and all this together with high reliability and simplicity
of installation. In this section you will find standard configurations.
On request, we can design luminaires to meet your specific
requirements.

TAKTON

DCF 323

BENEFITS:

⏚	IK08	CE	IP65
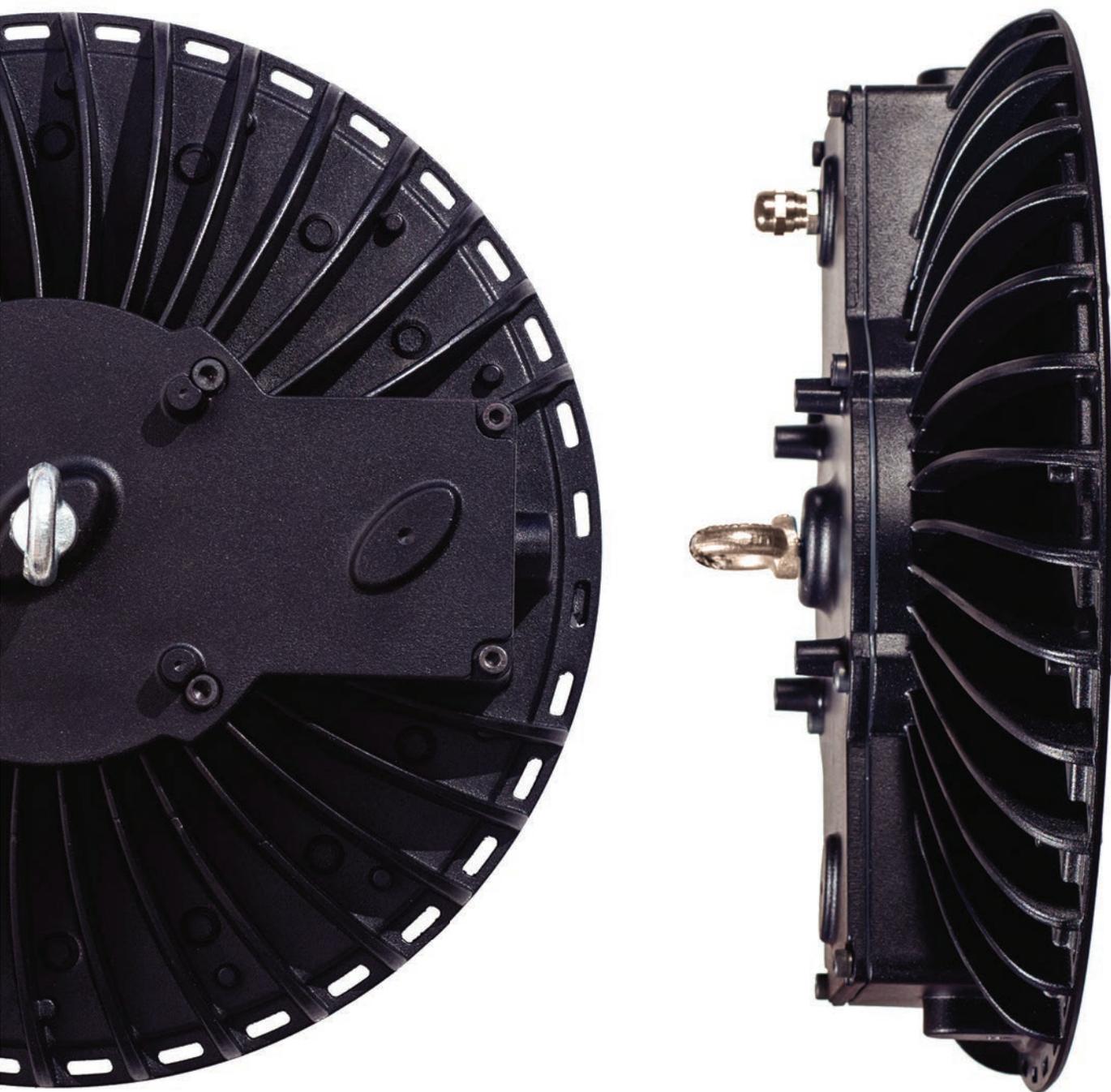
- High energy efficacy up to 163 Lm/W
- Low initial costs
- LEDIL Optic
- Low glare effect
- Significant reduction in maintenance
- DALI or 1-10V managing
- Attractive design

PRODUCT TYPE:
DCF 323

FUNCTIONALITY

DIFFUSER:
- PMMA LEDIL Lens as standard
- PC LEDIL Lens on request

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips Xitanium

LIGHT SOURCE:
MST LED module

CONTROL METHOD:
- 1-10V (dimming range 10-100%)
- DALI (dimming range 10-100%)
- Codes mains
- ApmDim
- LineSwitch 3 step or single step

ELECTRICAL PARAMETERS

ELECTRICAL ISOLATION CLASS IEC:
- Class I as standard
- Class II on request

LUMINAIRES/MCB 16A TYPE B:
≤ 8

POWER CONSUMPTION:
128–160W dependindg on the type

POWER FACTOR NOMINAL:
0,95

INPUT VOLTAGE:
230 – 240 V

OUTPUT CURRENT RIPPLE:
- LF ≤ 4
- HF ≤ 4

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP66

GASKET MATERIAL:
Silicone

BODY MATERIAL:
Housing: high-pressure, die-cast aluminum

COLOR:
Black

IMPACT RESISTANCE:
- IK07 as standard
- IK10 on request

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-40 to +55 °C

TAKTON

DCF 323

OVERTIME PERFORMANCE

INITIAL SYSTEM EFFICACY:
156-163 Lm/W

INITIAL LIGHT OUTPUT:
20000Lm or 25000Lm depending on the type

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 100 000 Hours

GENERAL INFORMATION

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
- Industrial halls
- Warehouses
- Exhibition halls
- Food production area
- Supermarkets

ACCSESORIES

30112003	Hanging loop	30112005	Protective grid 324
30112004	Rope for suspension	30112006	Protective grid 323

PRODUCT FAMILY RANGE

EOC number	Description	Power, W	System flux, Lm	Efficacy Lm/W
600151551200	DCF323 20KLm 128W 840 I 1-10V 60DGR IP66 IC0	128	20000	156
600151551201	DCF323 20KLm 128W 840 I 1-10V 90DGR IP66 IC0	128	20000	156
600151551250	DCF323 25KLm 160W 840 I 1-10V 60DGR IP66 IC0	160	25000	156
600151551251	DCF323 25KLm 160W 840 I 1-10V 90DGR IP66 IC0	160	25000	156

TAKTON

DCW097

BENEFITS:

[earth symbol] [230V] [CE] [IP66] [F]

[grid symbol] [IK05] [IK08] [EAC] [D]

- Stylish design, made for LED.
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT TYPE:
DCW097

Description	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
DCW097 19-58W	22	36	22	36
DCW111 19-58W DALI	15	24	25	41

FUNCTIONALITY

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

INITIAL LED LUMINAIRE EFFICACY:
Up to 167 Lm/W depends on type

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Driver Philips or Tridonic included

LIGHT SOURCE:
LED module with OSRAM led chips

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,87-0,92 depends on type

ELECTRICAL ISOLATION CLASS IEC:
Class I as a standard, Class II on request

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
11-74 W depending on type

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP66

IMPACT RESISTANCE:
IK05, IK08 as option

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

INSTALLATION:
on surface

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C

TAKTON

DCW097

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 h

INITIAL SYSTEM EFFICACY:
Up to 167 Lm/W depends on type

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

POWER CONSUMPTION TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 50 000 Hours

GENERAL INFORMATION

**FLAMMABILITY:**
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
- Parking garages
- Warehouses
- General lighting

PRODUCT FAMILY RANGE

EOC	Name	Initial light output Lm	Power W	Efficacy Lm/W	Length,mm
700151251053	DCW097-060 1200Lm 11W 840 I OP PMMA IP66	1200	11	109	605
700151251175	DCW097-060 2300Lm 15W 840 I OP PMMA IP66	2300	15	153	605
700151251174	DCW097-060 3300Lm 22W 840 I OP PMMA IP66	3300	22	150	605
700151251173	DCW097-060 4000Lm 24W 840 I OP PMMA IP66	4000	24	167	605
700151252522	DCW097-060 4300Lm 29W 840 I OP PMMA IP66	4300	29	148	1185
700151251039	DCW097-120 3000Lm 23W 840 I OP PMMA IP66	3000	23	130	1185
700151251040	DCW097-120 4000Lm 28W 840 I OP PMMA IP66	4000	28	143	1185
700151251068	DCW097-120 5300Lm 37W 840 I OP PMMA IP66	5300	37	143	1185
700151251002	DCW097-120 6000Lm 36W 840 I OP PMMA IP66	6000	36	167	1185
700151251016	DCW097-120 8000Lm 49W 840 I OP PMMA IP66	8000	49	163	1185
700151251043	DCW097-150 9500Lm 66W 840 I OP PMMA IP66	9500	66	144	1477
700151251033	DCW097-150 11500Lm 74W 840 I OP PMMA IP66	11500	74	155	1477
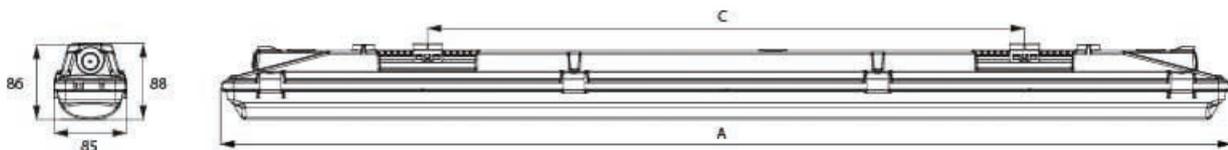
Description	A, mm	C, mm
DCW097-060	605	238+/-23
DCW097-120	1185	700+/-78
DCW097-150	1477	1000+/-78

TAKTON

DCW111

BENEFITS:

- Hight efficacy up to 165 Lm/W
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT TYPE:
DCW111

Description	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
DCW111 18-50W	22	36	22	36
DCW111 18-50W DALI	15	24	25	41
DCW111 50-75W	15	24	25	41
DCW111 75-100W	14	22	23	27

FUNCTIONALITY

OPTICAL COVER:
njection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

INITIAL LED LUMINAIRE EFFICACY:
158-164 lm/W depending on type

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
driver included

LIGHT SOURCE:
OSRAM LED chips

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,87-0,92 depends on type

ELECTRICAL ISOLATION CLASS IEC:
Class I as a standard, Class II on request

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
25-72 W depending on type

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP65, (IP66, IP67 as option)

IMPACT RESISTANCE:
IK05, IK10 as option

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

INSTALLATION:
on surface

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C

TAKTON

DCW111

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50000-100 000 hours depends on type

INITIAL SYSTEM EFFICACY:
Up to 167 Lm/W depends on type

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 7%

POWER CONSUMPTION TOLERANCE:
+/- 7%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80-L90 B50(B20) 50000hrs (depends on type)

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
• Parking garages
• Warehouses
• General lighting

PRODUCT FAMILY RANGE

EOC	Description	W	Lm	Lm/W	T, K	Diffuser	Protection
700151252603	DCW 111-120 4100lm 25W 840 HE OP PMMA	25	4100	164	4000	Opal	IP65
700151252604	DCW 111-120 8000lm 49W 840 HE OP PMMA	49	8000	163	4000	Opal	IP65
700151252605	DCW 111-150 7000lm 44W 840 HE OP PMMA	44	7000	159	4000	Opal	IP65
700151252606	DCW 111-150 11400lm 72W 840 HE OP PMMA	72	11400	158	4000	Opal	IP65
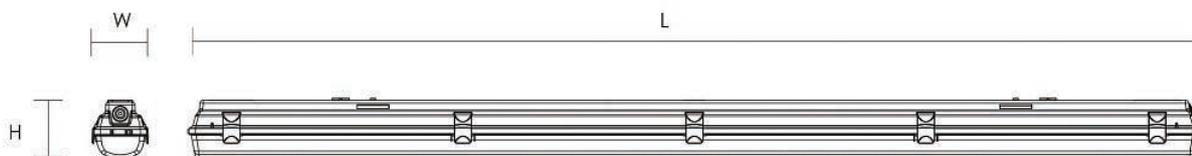
Type	L	W	H	
DCW 111 120	1200	90	100	(mm)
DCW 111 150	1500	90	100	(mm)

TAKTON

DCW114

BENEFITS:

- High efficacy up to 163 Lm/W
- Hight flux with components for industrial use
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT TYPE:
DCW114

FUNCTIONALITY

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

INITIAL LED LUMINAIRE EFFICACY:
116 – 150 lm/W depending on type

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Industrial driver Philips or Tridonic included

LIGHT SOURCE:
OSRAM LED chips

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,87-0,92 depends on type

ELECTRICAL ISOLATION CLASS IEC:
Class I as a standard, Class II on request

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
49-125 W depending on type

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP65, (IP66, IP67 as option)

IMPACT RESISTANCE:
IK05, IK10 as option

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

INSTALLATION:
on surface

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C

TAKTON

DCW114

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50000-100 000 hours depends on type

INITIAL SYSTEM EFFICACY:
158-164Lm/W depends on type

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 7%

POWER CONSUMPTION TOLERANCE:
+/- 7%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20 - 50000 or 100000 hours depending on type

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
• Parking garages
• Warehouses
• General lighting

PRODUCT FAMILY RANGE

Code	Type	Power, W	Initial luminous flux	Efficacy Lm/W	Color, K	Diffuser	Ingress protection code
700151252607**	DCW 114-120 8000lm 49W 840 HE PMMA	49	8000	163	4000	Opal	IP65
700151252608**	DCW 114-120 10300lm 66W 840 HE PMMA	66	10300	156	4000	Opal	IP65
700151252609**	DCW 114-150 12000lm 78W 840 HE PMMA	78	12000	153	4000	Opal	IP65
700151252014*	DCW 114-120 14500lm 99W 840 High flux	99	14560	145	4000	Opal	IP65
700151252019*	DCW 114-150 19000lm 125W 840 High flux	125	19000	145	4000	Opal	IP65

*Driver PHILIPS IXT and LED modules PHILIPS
**Driver Tridonic LED modules MST, LED chips OSRAM

Description	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
DCW 114-120 LED080 49W 840 HE PMMA	15	24	25	41
DCW 114-120 LED103 66W 840 HE PMMA	15	24	25	41
DCW 114-150 LED120 78W 840 HE PMMA	14	22	23	37
DCW 114-120 LED145 99W 840 High flux 14	14	22	23	37
DCW 114-150 LED190 125W 840 High flux	8	12	12	20

Type	L	W	H	
DCW 111 120	1200	90	100	(mm)
DCW 111 150	1500	90	100	(mm)

TAKTON

DCW116

BENEFITS:

| ⏚ | 230V | C E | IP65 | IP66 | ▽F |
| PC 850°C | IP67 | IK10 | IK05 | ◌◌ | ▽D |
| ▦ |

- High efficacy 164 Lm/W
- Hight flux with components for industrial use
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT TYPE:
DCW116 High Flux Lowbay

FUNCTIONALITY

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

INITIAL LED LUMINAIRE EFFICACY:
16 lm/W depending on type

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Industrial driver Philips Xitanium iXt included

LIGHT SOURCE:
OSRAM LED chips

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0,92

ELECTRICAL ISOLATION CLASS IEC:
Class I as a standard, Class II on request

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
152 W

INPUT VOLTAGE:
220 – 240 V

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP65, (IP66, IP67 as option)

IMPACT RESISTANCE:
IK05, IK10 as option

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

INSTALLATION:
on surface

TAKTON

DCW116

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES
100 000 hours

INITIAL SYSTEM EFFICACY:
163 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 4%

POWER CONSUMPTION TOLERANCE:
+/- 3%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20 - 50000 or 100000 hour

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS compliant

APPLICATION:
• Parking garages
• Warehouses
• General lighting

PRODUCT FAMILY RANGE

EOC	Description	W	LM	Lm/W	L/B 50000 hours	Weight kg
700151253001	DCW116-150 25000lm 152W iXt 840 I PMMA IP65	152	25000	164	L80/B10	3.9
700151253002	DCW116-150 25000lm 152W iXt 840 I DALI PMMA IP65	152	25000	164	L80/B10	3.9

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-35C as a standard, up to 65C on request

TAKTON

EMERGENCY LIGHTING

Emergency lighting solutions ensuring safety and operational continuity in all critical situations. Stable performance, high efficiency, advanced control options, and robust protection — all combined with reliable operation and ease of installation. In this section, you will find standard configurations of our emergency luminaires. Upon request, we can develop customized solutions tailored to your specific safety and operational requirements.

TAKTON

PANEL EMERGENCY KIT

BENEFITS:

- Compliant with panels
- Fast assembling
- Easy system with driver and battery assembled in one housing
- For Independent use

PRODUCT TYPE:
EMERGENCY KIT FOR PANELS AND DOWNLIGHTS

ELECTRICAL PARAMETERS

POWER FACTOR NOMINAL:
0,7

INPUT VOLTAGE::
220 – 240 V

POWER CONSUMPTION:
6W

RATED INPUT FREQUENCY RANGE:
50....60 Hz

RATED INPUT CURRENT:
35mA

RATED INPUT VOLTAGE:
230 Vac

OUTPUT VOLTAGE SELV:
24-60V

OUTPUT VOLTAGE MAX.:
65V

OUTPUT CURRENT:
85 mA

REGULATION METHOD:
Constant power

FUNCTIONALITY

AUTONOMY:
3 hours

WIRING & CONNECTIONS:
0.75-1.5 mm^2

AMBIENT TEMPERATURE:
0-+50C

APPLICATION:
- Hospitality
- Offices
- Cellars
- Warehouses
- General lighting

TAKTON

CONNECTION DIAGRAMM

N

L

SWITCHED LINE

SEV LED DRIVE

out -
out +

+Bat
-Bat

TAKTON Emergency kit

Driver +

Driver -

UNSWITCHED LINE

L

UNSWITCHED NEUTRAL

N

LED +
LED -

LED
board
emergency

+

-

TAKTON

EMD250

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
up to 0.92

ELECTRICAL ISOLATION CLASS IEC:
Safety class II as a standard

MAINS VOLTAGE INDEX:
AC 230 – 240 V / 50 – 60 Hz DC 24V for use with
central battery only

POWER FACTOR NOMINAL:
up to 0.98

POWER RANGE:
4 W as a standard

AUTONOMY:
1 hour

BATTERY CHARGING:
24 hours

LIGHTING PERFORMANCE

VISIBILITY:
25 m

LIGHT SOURCE:
LED module

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

TAKTON

EMD250

CONSTRUCTION AND MATERIALS

HOUSING COLOUR:
White RAL9010 as standard.

HOUSING MATERIAL:
Housing: PC

BATTERY:
LiFePO4 3,2V 1,5A

IMPACT RESISTANCE:
IK04

INGRESS PROTECTION:
IP40

OPTICAL COVER:
PMM

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

DIMENSIONS LxWxH:
265x205x48
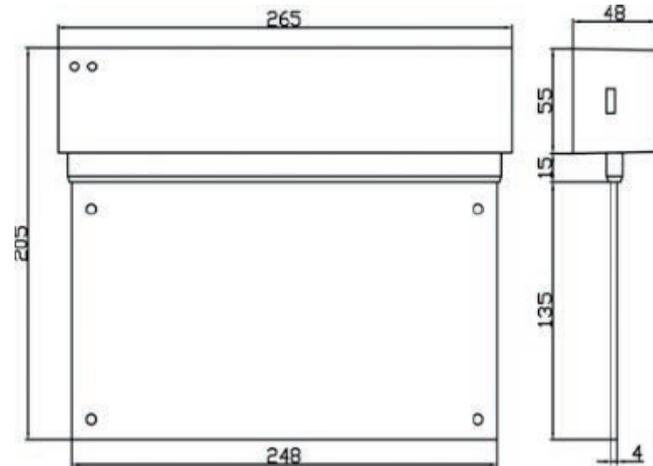
OPERATION AND MAINTENANCE

INSTALLATION:
Wall surface (side or front). Directly on the ceiling
Mounting hardware included.

MAINTENANCE:
With inside battery version non maintained. Self-test
and test button. For central battery connection open
with screws

MAINTENANCE OF LUMEN OUTPUT:
50000 hours – L90B10

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

STANDARD PRODUCT RANGE

Art N	Description	Input voltage	Battery	Visibility
700151555101	EMD250 1H S 230VAC	230V AC	LiFePO4 3.2V 1.5A	40 m
700151555102	EMD250 1H CB 24VDC	24V DC	Central battery	40 m
700151555103	EMD250 1H CB 230VAC	230V AC	Central battery	40 m

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS compliant

TAKTON

EMD400

PRODUCT TYPE:
EMD400 1H 230VAC/24VDC

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
up to 0.92

ELECTRICAL ISOLATION CLASS IEC:
Safety class II as a standard

MAINS VOLTAGE INDEX:
AC 230 – 240 V / 50 – 60 Hz DC 24V for use with
central battery only

POWER FACTOR NOMINAL:
up to 0.98

POWER RANGE:
4 W as a standard

AUTONOMY:
1 hour

BATTERY CHARGING:
24 hours

LIGHTING PERFORMANCE

VISIBILITY:
40 m

LIGHT SOURCE:
LED module

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

TAKTON

EMD400

CONSTRUCTION AND MATERIALS

HOUSING COLOUR:
White RAL9010 as standard.

HOUSING MATERIAL:
Housing: PC

BATTERY:
LiFePO4 3,2V 1,5A

IMPACT RESISTANCE:
IK04

INGRESS PROTECTION:
IP40

INSTALLATION:
Wall surface (side or front). Directly on the ceiling
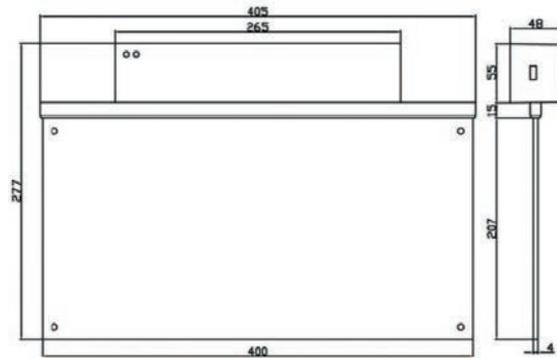Mounting hardware included.

OPTICAL COVER:
PMMA

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

DIMENSIONS LxWxH:
405x277x48

MAINTENANCE:
With inside battery version non maintained. Self-test
and test button. For central battery connection open
with screws

MAINTENANCE OF LUMEN OUTPUT:
50000 hours – L90B10

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

STANDARD PRODUCT RANGE

Art N	Description	Input voltage	Battery	Visibility
700151555101	EMD400 1H S 230VAC	230V AC	LiFePO4 3.2V 1.5A	40 m
700151555102	EMD400 1H CB 24VDC	24V DC	Central battery	40 m
700151555103	EMD400 1H CB 230VAC	230V AC	Central battery	40 m

MARKING AND APPROVALS

CE MARK:
CE marked

ROHS MARK:
ROHS compliant

TAKTON

DCW097 12-24 VDC

BENEFITS:

IK05	CE	IK10
12-24V	IP66	EAC	D	RoHS

- Stylish design, made for LED
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length
- 12-24V DC input let use these luminaires with sun panels and accumulator with 12-24V DC

PRODUCT INFORMATION

TYPE

PRODUCT TYPE:
DCW 097

FUNCTIONALITY

DRIVER:
Driver MeanWell included

INITIAL LED LUMINAIRE EFFICACY:
115 Lm/W

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

LIGHT COLOR:
4000 K as a standard

COLOR RENDERING INDEX (CRI):
> 80

LIGHT OUTPUT RANGE, LM:
1500, 3000 lm depending on type

OPTICAL TYPES:
Wide. 120 dgr light distribution

POWER SUPPLY:
Driver MeanWell

LIGHT SOURCE:
LED module with OSRAM led chips

TAKTON

ELECTRICAL PARAMETERS
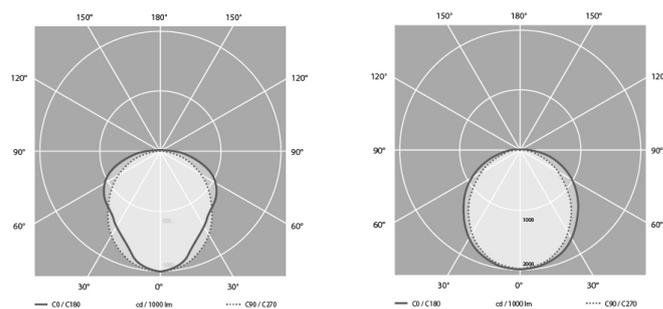
DRIVER EFFICIENCY NOMINAL:
up to 0.92

ELECTRICAL ISOLATION CLASS IEC:
Class II

INPUT VOLTAGE:
12/24 VDC

INPUT FREQUENCY:
n/a

POWER FACTOR NOMINAL:
n/a

POWER CONSUMPTION:
13,26 W depending on type

Light distribution

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP66

IMPACT RESISTANCE:
IK05, IK10 as option

INSTALLATION:
on surface

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

NET WEIGHT PIECE:
1,3 kg

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 h

INITIAL SYSTEM EFFICACY:
115 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 7%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 7%

TAKTON

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C°

AVERAGE AMBIENT TEMPERATURE:
n/a

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS mark

APPLICATION:
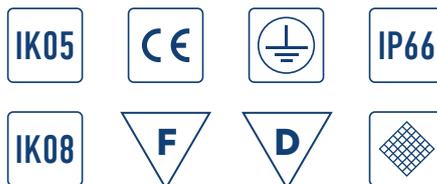- Parking garages
- Warehouses
- General lighting

PRODUCT FAMILY RANGE

Code	Name	Light output lm	Power consuption W	Efficacy m/W	Length mm
700151251045	DCW097-120 3000lm 26W 840 I OP IP66 12/24V DC	3000	26	115	1185
700151251045	DCW097-120 1500lm 13W 840 I OP IP66 12/24V DC	1500	13	115	1185

TAKTON

DCW097-120 110VDC

BENEFITS:

IK05 CE (⏚) IP66

IK08 ▽F ▽D (▦)

- Stylish design, made for LED
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT INFORMATION

TYPE

PRODUCT TYPE:
DCW 097

FUNCTIONALITY

**INITIAL LED LUMINAIRE
LM OUTPUT 3600LM**

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Takton DC LED driver

LIGHT SOURCE:
LED module with OSRAM led chips

TAKTON

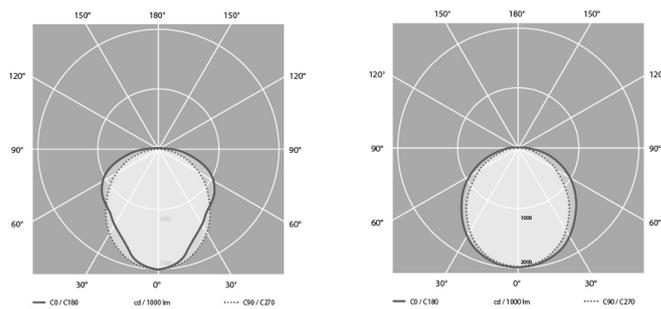## ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0.91

ELECTRICAL ISOLATION CLASS IEC:
Class I as a standard, Class II on request

INPUT VOLTAGE:
110VDC

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
32 W

Light distribution

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP66

IMPACT RESISTANCE:
IK05, IK10 as option

INSTALLATION:
on surface

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
50 000 h

INITIAL SYSTEM EFFICACY:
112 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

TAKTON

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C°

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS mark

APPLICATION:
Electro Power substations With 330VDC current sourses
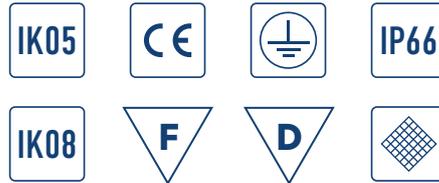Emergency lighting for central batteries 220VDC output

PRODUCT FAMILY RANGE

Code	Name	Light output lm	Power consuption W	Efficacy m/W	Length mm
700151252524	DCW097-120 3600lm 32W I 840 IP66 PMMA 110VDC FC	3600	32	113	1185

TAKTON

DCW097 230VAC/220VDC

BENEFITS:

IK05 · CE · ⏚ · IP66

IK08 · ▽F · ▽D · ⬥

- Stylish design, made for LED
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

PRODUCT INFORMATION

TYPE

PRODUCT TYPE:
DCW 097

FUNCTIONALITY

INITIAL LED LUMINAIRE LM OUTPUT
2500-11500LM DEPENDS ON TYPE

OPTICAL COVER:
Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

COLOR RENDERING INDEX (CRI):
> 80

POWER SUPPLY:
Philips xitanium driver

LIGHT SOURCE:
LED module with Samsung led chips

TAKTON

ELECTRICAL PARAMETERS

DRIVER EFFICIENCY NOMINAL:
0.91

ELECTRICAL ISOLATION CLASS IEC:
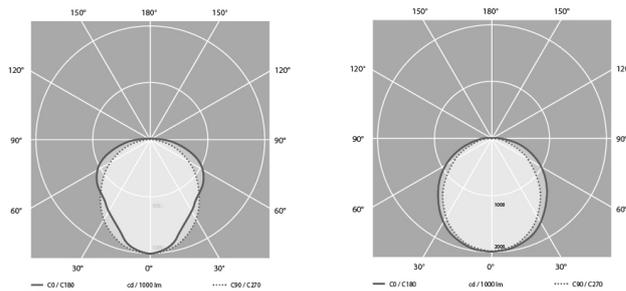Class I as a standard, Class II on request

INPUT VOLTAGE AC RANGE:
198-264 V

INPUT VOLTAGE DC RANGE:
168-275 V

INPUT FREQUENCY:
50-60 Hz

POWER FACTOR NOMINAL:
0,95

POWER CONSUMPTION:
16-74 W Depends on type

Light distribution

MECHANICAL PARAMETERS

INGRESS PROTECTION:
IP66

IMPACT RESISTANCE:
IK05, IK08 as option

INSTALLATION:
on surface

BODY MATERIAL:
Flame retardant glass-fibre reinforced polyester

OVERTIME PERFORMANCE

DRIVER SERVICE LIFE TIME @10% FAILURES:
100 000 h@ 65 grad C Tc point

INITIAL SYSTEM EFFICACY:
Up to 170 Lm/W

LUMINOUS FLUX SYSTEM TOLERANCE:
+/- 5%

MEDIAN USEFUL LIFE OF LED SOURCE:
L80B20, 50 000 Hours

POWER CONSUMPTION TOLERANCE:
+/- 5%

TAKTON

ENVIROMENTAL CONDITIONS

AMBIENT TEMPERATURE RANGE:
-20 +35 C°

GENERAL INFORMATION

FLAMMABILITY:
Not fire resistant

CE MARK:
CE mark

ROHS MARK:
ROHS mark

APPLICATION:
Electro Power substations With 330VDC current sourses
Emergency lighting for central batteries 220VDC output

PRODUCT FAMILY RANGE

Code	Name	Light output lm	Power consuption W	Efficacy m/W	Length mm
700151252135	DCW097-120 2500LM 16W 840 I IP66 PMMA 230VAC/220VDC	2,500	16	156	1185
700151251134	DCW097-120 4550LM 29W I 840 IP66 PMMA 230VAC/220VDC	4,550	29	157	1185
700151251160	DCW097-120 8000LM 49W 840 I IP66 PMMA 230VAC/220DDC	8,000	49	163	1185
700151251133	DCW097-150 11500LM 74W 840 I IP66 PMMA 230VAC/220VDC	11,500	74	155	1477
700151251136	DCW097-150 5000lm 28W I 840 IP66 PMMA 230VAC/220VDC	5,000	28	179	1477

TAKTON

TAKTON