

# DWL-LR

# TAKTON



## Benefits:

- 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

TYPE

**Product type:**  
DWL-LR

## FUNCTIONALITY

### Initial LED luminaire efficacy:

Up to 166 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, Motion sensor, wireless connections.

### Emergency battery operated hours:

Philips TrustSight system 3 hours light (Basic or self test)

### Color tolerance (initial McAdam):

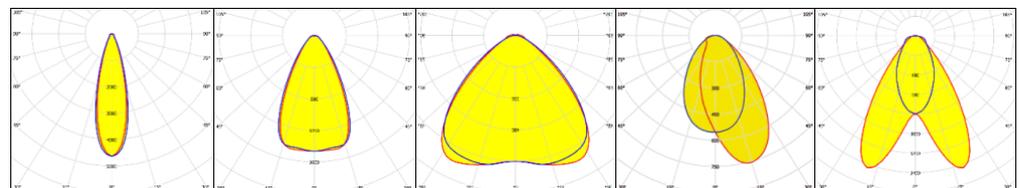
3

### Initial light output, lm:

Up to 12500lm

### Light distribution:

- 3-row PMMA optic with
- Narrow beam (NB) – 30 dgr
- Medium beam (MB) – 60 dgr
- Wide beam (WB) – 90 dgr on request
- Asymmetric – (ASB) on request
- Double asymmetric (DASB) on request



## ELECTRICAL PARAMETERS

### Driver efficiency nominal:

Up to 95

### Electrical isolation class IEC:

Class I or Class II on request

### Power factor nominal:

0,93

### Input voltage:

220 – 240 V

### Power consumption:

Up to 90 W depending on type

## MECHANICAL PARAMETERS

### Ingress protection:

IP54

### Impact resistance:

05

## OVERTIME PERFORMANCE

### Median useful life of LED source:

L80B20 - 50 000 hours

## GENERAL INFORMATION

### Dimensions:

Description	L, mm	H, mm	B, mm
DWL- LR_120	1260	105	95
DWL- LR_150	1560	105	95

### Warranty period:

5 years

### Pcs on the pallet:

80

### Application:

- Parking garages
- Basements
- Warehouses
- General lighting

## PRODUCT FAMILY RANGE

Code	Name	Light output, lm	Power, W	Efficacy lm/W	IP	Light distribution
------	------	---------------------	----------	------------------	----	-----------------------

# DWL-LR

# TAKTON

700151492140	DWL-LR_120 8000lm 49W   840 IP54 PMMA DASB	8000	49	163	54	Double assymmetric
700151492130	DWL-LR_120 8000lm 49W   840 IP54 PMMA ASB	8000	49	163	54	assymmetric
700151492120	DWL-LR_120 8000lm 49W   840 IP54 PMMA WB	8000	49	163	54	symmetric 90 dgr
700151492110	DWL-LR_120 8000lm 49W   840 IP54 PMMA MB	8000	49	163	54	symmetric 60 dgr
700151492100	DWL-LR_120 8000lm 49W   840 IP54 PMMA NB	8000	49	163	54	symmetric 30 dgr
700151492240	DWL-LR_150 10000lm 60W   840 IP54 PMMA DASB	10000	60	167	54	Double assymmetric
700151492230	DWL-LR_150 10000lm 60W   840 IP54 PMMA ASB	10000	60	167	54	assymmetric
700151492220	DWL-LR_150 10000lm 60W   840 IP54 PMMA WB	10000	60	167	54	symmetric 90 dgr
700151492210	DWL-LR_150 10000lm 60W   840 IP54 PMMA MB	10000	60	167	54	symmetric 60 dgr
700151492200	DWL-LR_150 10000lm 60W   840 IP54 PMMA NB	10000	60	167	54	symmetric 30 dgr
700151492340	DWL-LR_150 12500lm 77W   840 IP54 PMMA DASB	12500	77	162	54	Double assymmetric
700151492330	DWL-LR_150 12500lm 77W   840 IP54 PMMA ASB	12500	77	162	54	assymmetric
700151492320	DWL-LR_150 12500lm 77W   840 IP54 PMMA WB	12500	77	162	54	symmetric 90 dgr
700151492310	DWL-LR_150 12500lm 77W   840 IP54 PMMA MB	12500	77	162	54	symmetric 60 dgr
700151492300	DWL-LR_150 12500lm 77W   840 IP54 PMMA NB	12500	77	162	54	symmetric 30 dgr