

DWL-LR



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



PRODUCT INFORMATION

Product type: DWL-LR

FUNCTIONALITY

Initial LED luminaire efficacy:

Up to 163 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

DOWNLOADS

[Datasheet PDF](#)

[Photometric LDT](#)

[Mounting instructions PDF](#)

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.95

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

STANDARD PRODUCT RANGE

Code	Type	Light output LM	Power consumption W	Weight kg
700151492140	DWL-LR_120 8000lm 49W I 840 IP54 PMMA DASB	8000	49	163
700151492130	DWL-LR_120 8000lm 49W I 840 IP54 PMMA ASB	8000	49	163
700151492120	DWL-LR_120 8000lm 49W I 840 IP54 PMMA WB	8000	49	163
700151492110	DWL-LR_120 8000lm 49W I 840 IP54 PMMA MB	8000	49	163
700151492100	DWL-LR_120 8000lm 49W I 840 IP54 PMMA NB	8000	49	163
700151492240	DWL-LR_150 10000lm 60W I 840 IP54 PMMA DASB	10000	60	166
700151492230	DWL-LR_150 10000lm 60W I 840 IP54 PMMA ASB	10000	60	166
700151492220	DWL-LR_150 10000lm 60W I 840 IP54 PMMA WB	10000	60	166
700151492210	DWL-LR_150 10000lm 60W I 840 IP54 PMMA MB	10000	60	166
700151492200	DWL-LR_150 10000lm 60W I 840 IP54 PMMA NB	10000	60	166
700151492340	DWL-LR_150 12500lm 77W I 840 IP54 PMMA DASB	12500	77	163
700151492330	DWL-LR_150 12500lm 77W I 840 IP54 PMMA ASB	12500	77	163
700151492320	DWL-LR_150 12500lm 77W I 840 IP54 PMMA WB	12500	77	163
700151492310	DWL-LR_150 12500lm 77W I 840 IP54 PMMA MB	12500	77	163
700151492300	DWL-LR_150 12500lm 77W I 840 IP54 PMMA NB	12500	77	163

GENERAL INFORMATION

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

Dimensions:
Pcs on the pallet: 80

POLAR DIAGRAMM

