Appendix H
Lighting Plan Fixture Cut Sheets

COLUMN LIGHTS - "C"

Catalog Number	WALL LIGHT - "W"
Notes	
Type	

LITHONIA LIGHTING®

FEATURES & SPECIFICATIONS

INTENDED USE

Provides years of maintenance-free illumination for outdoor use in residential & commercial applications. Ideal for applications such as lighting walkways and stairways for safety and security.

CONSTRUCTION

Cast-aluminum housing with corrosion-resistant paint in either dark bronze or white finish.

ADA compliant.

OPTICS

4000K CCT LEDs.

Polycarbonate lens protects the LED from moisture, dirt and other contaminants.

LUMEN MAINTENANCE: The LED will deliver 70% of its initial lumens at 50,000 hour average LED life. See Lighting Facts label on page 2 for performance details.

ELECTRICAL

MVOLT driver operates on any line voltage from 120-277V

Operating temperature -30°C to 40°C.

1KV surge protection standard.

INSTALLATION

Surface mounts to universal junction box (provided by others).

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY

Five-year limited warranty. Full warranty terms located at www.AcuityBrands.com/CustomerResources/Terms_and_Conditions.aspx.

Note: Specifications are subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

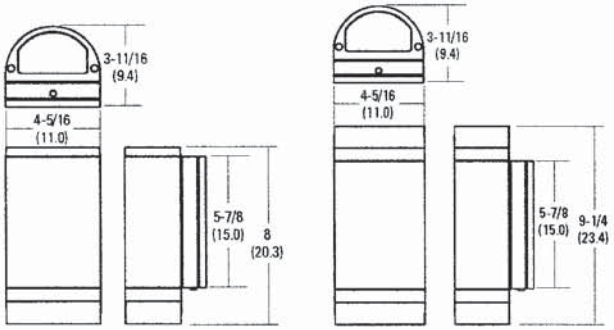
Outdoor General Purpose

OLLWD & OLLWU

LED WALL CYLINDER LIGHT

Specifications

All dimensions are inches (centimeters)



ORDERING INFORMATION For shortest lead times, configure products using **bolded options.**

Example: OLLWD

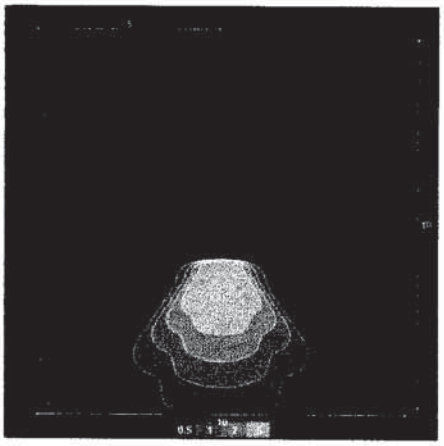
Series	Color temperature (CCT)	Voltage	Finish
OLLWD Downlight **OLLWU** Up & downlight	**(blank)** 4000K	**(blank)** MVOLT (120V-277V)	**DDB** Dark bronze **WH** White

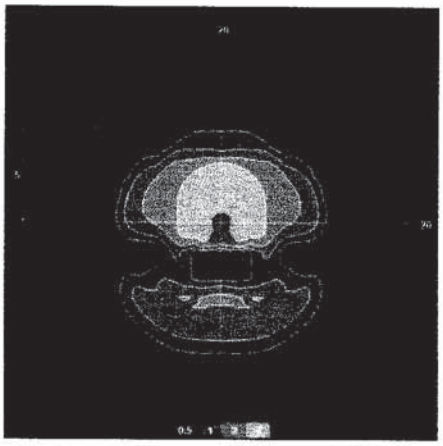
OLLWD & OLLWU LED Wall Cylinder Light

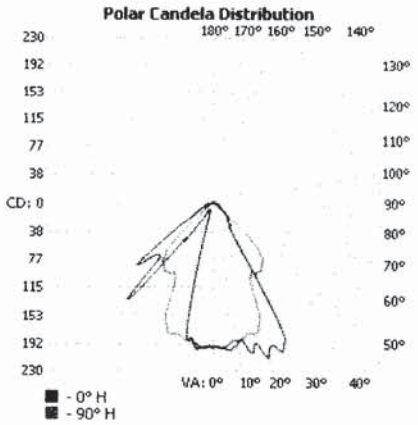
PHOTOMETRICS

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's Outdoor LED homepage
Tested in accordance with IESNA LM-79 and LM-80 standards.

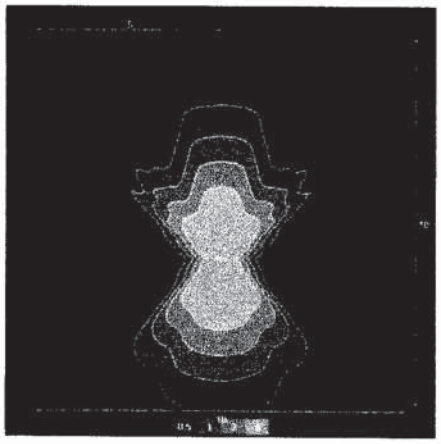
OLLWD

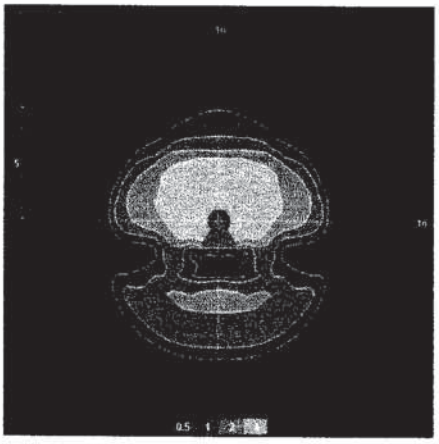


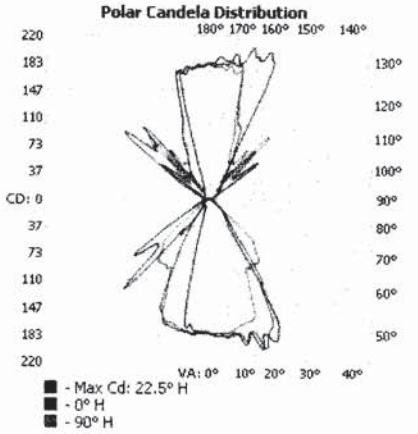




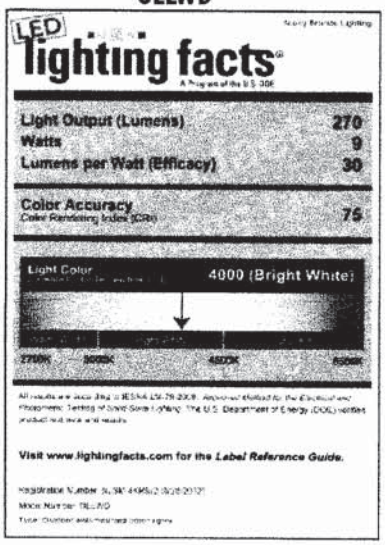
OLLWU



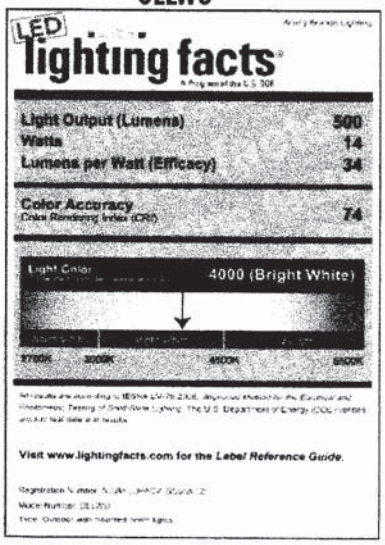




OLLWD



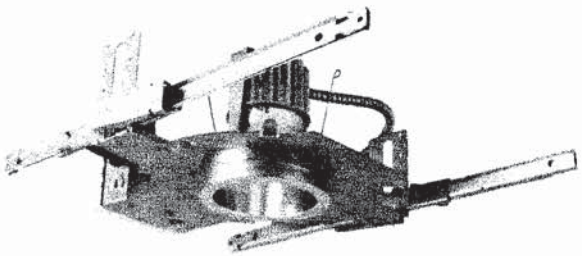
OLLWU

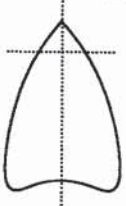


DOWNLIGHTS - "D"

gotham

Luminaire Type:
Catalog Number
(autopopulated):





Gotham Architectural Downlighting
LED Downlights

4" Evo®

Open Reflector

Solid-State Lighting

ENERGY STAR

FEATURES

OPTICAL SYSTEM
- Self-flanged semi-specular, matte-diffuse or specular lower reflector
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic

MECHANICAL SYSTEM
- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

ELECTRICAL SYSTEM
- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours based on IESNA LM-79-2008
- 120-277VAC, 50/60hz power supply with 0-10V dimming (10-100%)
- Overload and short circuit protected
- LEDs tested under LM80

LISTINGS
- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

WARRANTY
- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: EVO 35/10 4AR 120

Series	Color temperature		Nominal lumen values		Aperture/Trim color		Distribution		Finish		Voltage
EVO	**27/**	2700 K	**06**	600 lumens	**4AR**	Clear	(blank)	1.0 s/mh	(blank)	Semi-specular	**120**
	30/	3000 K	**10**	1000 lumens	**4PR**	Pewter	**MD**	Medium (0.8 s/mh)	**LD**	Matte diffuse	**277**
	35/	3500 K	**14**	1400 lumens	**4WTR**	Wheat	**WD**	Wide (1.5 s/mh)	**LS**	Specular	**347**[2]
	41/	4100 K	**18**	1800 lumens	**4GR**	Gold					
			20	2000 lumens	**4WR**[1]	White					

Driver		Options			
(blank)[1]	0-10V dimming driver. Minimum dimming level 10%	**SF**	Single fuse	**TRBL**	Black painted flange
ECOS2[4,5]	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%	**RRL__**	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.	**EL**[8]	Emergency battery pack with integral test switch
ECOS3[3,4]	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%	**NEPP**[6]	Interface for Sensor Switch® nLight® network provided with integral power supply. Refer to TN-623-01.	**ELR**[9]	Emergency battery pack with remote test switch
		NSD[6]	Sensor Switch® nLight® one 5A relay with one 0-10 VDC dimming output; requires bus power, such as nPP16 power pack. Refer to nSP5-D.	**CP**[9]	Chicago plenum
		TRW[7]	White painted flange	**BGTD**	Bodine generator transfer device

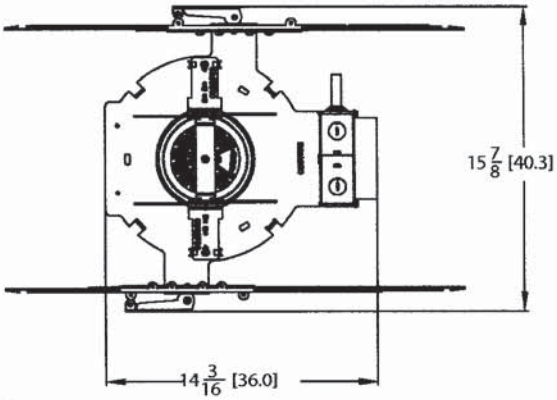
ACCESSORIES order as separate catalog numbers (shipped separately)

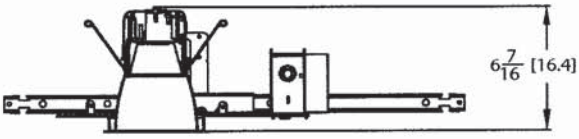
SCA4	Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D. Refer to TECH-190.
CTA4-8 YK	Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 2").
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC.
NSP5 D ER KIT	Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to NSP5 D ER KIT.

gotham

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.





Aperture: 4-5/16 (11)
Ceiling Opening: 5-1/8 (13)
Overlap Trim: 5-7/16 (13.8)

ELECTRICAL

WATTAGE CONSUMPTION MATRIX		
LUMENS	**WATTAGE**	**LUMENS per WATT**
2000	31	65
1800	29	58
1400	26	55
1000	21	51
600	16	49

NOTES

ORDERING NOTES

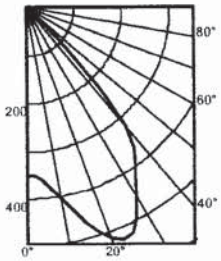
1. Not available with finishes.
2. Not valid with emergency options, i.e., EL and ELR.
3. Refer to TECH-240 for compatible dimmers.
4. Not available with NEPP option.
5. 120V only.
6. For Emergency generator/inverter applications order non-nLight-enabled fixture and NSP5 D ER KIT as an accessory. Refer to NSP5 D ER KIT.
7. Not available with white reflector.
8. For dimensional changes, refer to TECH-140. Access above ceiling required. Not available with CP option. Not available with 347V.
9. Not available with EL or ELR options.

PHOTOMETRY

Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance: Single Luminaire 30" Above Floor

EVO 35/6 4AR LS

INPUT WATTS: 15.6, DELIVERED LUMENS: 757.7, LM/W=48.6, 1.6 S/MH, TEST NO. LTL21260



	Ave	Lumens
0	349	
5	361	36
15	463	133
25	520	234
35	393	245
45	117	105
55	2	4
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	402.6	53.1
0° - 40°	647.4	85.4
0° - 60°	756.6	99.9
0° - 90°	757.7	100.0
90° - 180°	0.0	0.0
0° - 180°	757.7	*100.0

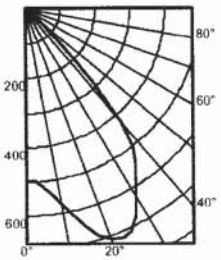
*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	110	107	105	108	105	103	104	102	100
2	101	97	93	99	95	92	96	93	90
3	93	87	83	92	86	82	89	85	81
4	86	79	75	84	79	74	82	77	73
5	79	72	68	78	72	67	76	71	67
6	73	66	61	72	66	61	71	65	61
7	68	61	56	67	60	56	65	60	55
8	63	56	51	62	56	51	61	55	51
9	58	51	47	58	51	47	57	51	47
10	54	48	43	54	47	43	53	47	43

Mounting Height	Inital FC Center Beam	50% beam - 76.1" Diameter	FC	10% beam - 91.1" Diameter	FC
8.0	11.5	8.6	5.8	11.2	1.2
10.0	6.2	11.7	3.1	15.3	0.6
12.0	3.9	14.9	1.9	19.4	0.4
14.0	2.6	18.0	1.3	23.5	0.3
16.0	1.9	21.1	1.0	27.5	0.2

EVO 35/10 4AR LS

INPUT WATTS: 20.6, DELIVERED LUMENS: 1039.0, LM/W=50.4, 1.5 S/MH, TEST NO. LTL21209



	Ave	Lumens
0	497	
5	513	51
15	653	186
25	709	320
35	547	337
45	156	138
55	3	5
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	557.2	53.6
0° - 40°	894.6	86.1
0° - 60°	1037.7	99.9
0° - 90°	1039.0	100.0
90° - 180°	0.0	0.0
0° - 180°	1039.0	*100.0

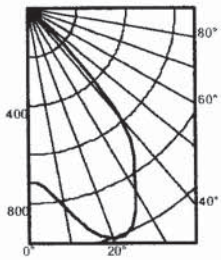
*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	110	107	105	108	105	103	104	102	100
2	101	97	93	99	95	92	96	93	90
3	93	88	83	92	87	83	89	85	81
4	86	80	75	85	79	74	82	77	74
5	79	73	68	78	72	68	76	71	67
6	73	66	62	72	66	61	71	65	61
7	68	61	56	67	61	56	66	60	56
8	63	56	51	62	56	51	61	55	51
9	58	52	47	58	52	47	57	51	47
10	54	48	44	54	48	44	53	47	43

Mounting Height	Inital FC Center Beam	50% beam - 75.3" Diameter	FC	10% beam - 90.7" Diameter	FC
8.0	16.4	8.5	8.2	11.1	1.6
10.0	8.8	11.6	4.4	15.2	0.9
12.0	5.5	14.7	2.8	19.2	0.6
14.0	3.8	17.7	1.9	23.3	0.4
16.0	2.7	20.8	1.4	27.3	0.3

EVO 35/14 4AR LS

INPUT WATTS: 26.2, DELIVERED LUMENS: 1431.9, LM/W=54.7, 1.5 S/MH, TEST NO. LTL21213



	Ave	Lumens
0	716	
5	738	73
15	934	265
25	986	445
35	743	458
45	203	182
55	4	6
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	784.3	54.8
0° - 40°	1242.2	86.8
0° - 60°	1430.4	99.9
0° - 90°	1431.9	100.0
90° - 180°	0.0	0.0
0° - 180°	1431.9	*100.0

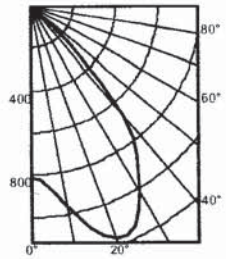
*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	110	107	105	108	105	103	104	102	100
2	101	97	93	100	96	92	96	93	90
3	93	88	83	92	87	83	89	85	81
4	86	80	75	85	79	75	83	78	74
5	80	73	68	79	72	68	77	71	67
6	74	67	62	73	66	62	71	66	61
7	68	61	57	67	61	57	66	60	56
8	63	57	52	63	56	52	62	56	52
9	59	52	48	58	52	48	57	52	48
10	55	48	44	54	48	44	54	48	44

Mounting Height	Inital FC Center Beam	50% beam - 73.6" Diameter	FC	10% beam - 90.0" Diameter	FC
8.0	23.7	8.2	11.8	11.0	2.4
10.0	12.7	11.2	6.4	15.0	1.3
12.0	7.9	14.2	4.0	19.0	0.8
14.0	5.4	17.2	2.7	23.0	0.5
16.0	3.9	20.2	2.0	27.0	0.4

EVO 35/18 4AR LS

INPUT WATTS: 29.0, DELIVERED LUMENS: 1682.7, LM/W=58.0, 1.5 S/MH, TEST NO. LTL21149



	Ave	Lumens
0	813	
5	854	85
15	1086	308
25	1149	519
35	869	536
45	256	223
55	6	9
65	2	2
75	1	1
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	913.1	54.3
0° - 40°	1449.4	86.1
0° - 60°	1680.5	99.9
0° - 90°	1682.7	100.0
90° - 180°	0.0	0.0
0° - 180°	1682.7	*100.0

*Efficiency

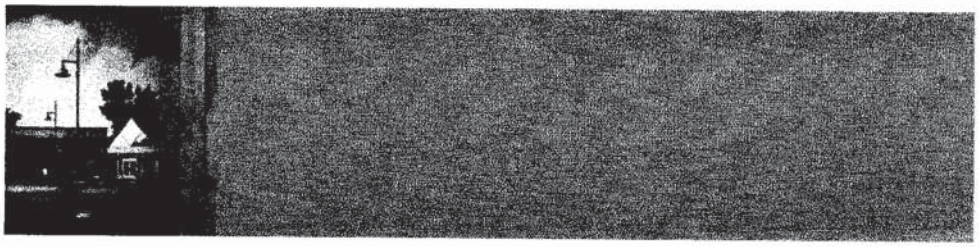
pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	110	107	105	108	105	103	104	102	100
2	101	97	93	99	95	92	96	93	90
3	93	88	83	92	87	83	89	85	81
4	86	80	75	85	79	75	83	78	74
5	79	73	68	78	72	68	77	71	67
6	73	67	62	73	66	62	71	65	61
7	68	61	56	67	61	56	66	60	56
8	63	56	52	62	56	52	61	56	51
9	59	52	48	58	52	47	57	51	47
10	55	48	44	54	48	44	53	48	44

Mounting Height	Inital FC Center Beam	50% beam - 74.3" Diameter	FC	10% beam - 90.7" Diameter	FC
8.0	26.9	8.3	13.4	11.1	2.7
10.0	14.5	11.4	7.2	15.2	1.4
12.0	9.0	14.4	4.5	19.2	0.9
14.0	6.1	17.4	3.1	23.3	0.6
16.0	4.5	20.5	2.2	27.3	0.4

PHOTOMETRY NOTES

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.
- CRI: 83 typical.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.

GENERAL SITE LIGHTING - "P10"
SITE ROADWAY / PARKING LOT - "P15"



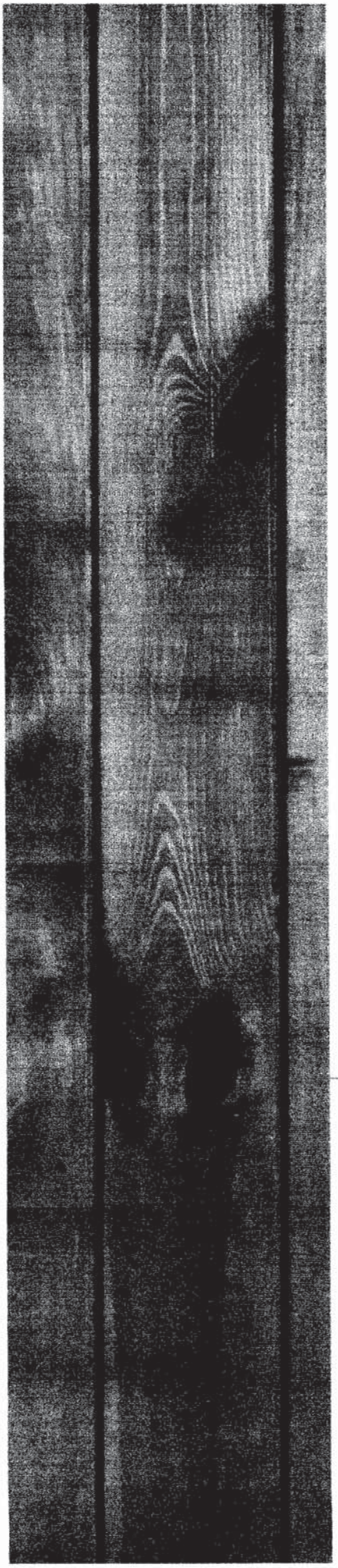
DOMUS
SERIES

Product Overview and Technical information >>

PHILIPS
LUMEC

»

LUMINAIRE > DMS50-SG
BRACKET > PC-1A
POLE > SPR4-LBC4



LEDGINE

Some luminaires of this series are IDA (International Dark-Sky Association) approved.

DM550-SHA DM550-SG-LV DM550-SHA-NM DM550-SG-LE-NM

DOMUS
SERIES

Designed Equilibrium / The Domus Series of products – Domus, Domus 55, and Domus Small - are all designed to complement each other and bring balance to any environment. Their charm is undeniable. Simplicity, refinement, and elegance, all fuse together to create harmonious beauty through designed equilibrium.

ELEGANT DESIGN

The Domus Series is one of the most versatile luminaires offered by Philips Lumec. This classic shape was one of the first in a line of pioneering Philips Lumec designs. Encompassing most of the exclusive Philips Lumec innovations, the Domus can fit into any environment; be it the main street of a small Alaskan village or the downtown of a high-tech center. Combined with today's efficient optics, Domus embodies the tradition of excellence in Philips Lumec products.

PRACTICAL TECHNOLOGY

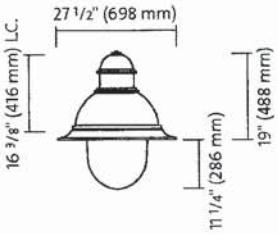
Harmonizing beautifully with virtually any urban setting, the Domus Series luminaires are representative of the new generation of lighting units. Constructed from top-quality materials, the Domus Series maintains excellent performance in even the most demanding environments. The Smartseal™ optical systems (IP66) of the Domus virtually eliminate Luminaire Dirt Depreciation (LDD), while the toolfree access to the lamp and electrical components make maintenance a breeze. >>

BENEFITS

- Constructed from top-quality materials, the Domus Series maintains excellent performance in even the most demanding environments.
- Can be powered by the LifeLED™, Philips Lumec's state-of-the-art, energy-efficient LED light engine.
- SHA and SSA optical chambers reduce glare by using a unique combination of reflectors and internal prism refractors.
- SCB optical chamber offers exceptional performance and cut-off with a combination of a hydro-formed aluminum reflector and a tempered glass lens.
- Dark-sky friendly SG optics provide full cut-off in five distributions.

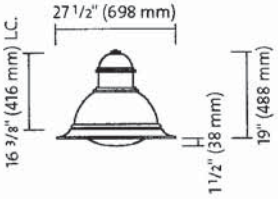
LUMINAIRES

Conform to the UL 1598 and CSA C22.2 No. 250.0-08 standards



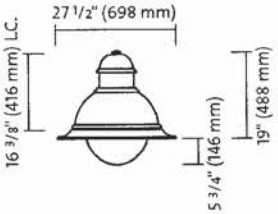
DMS50-SHA/SSA

EPA: 1.35 sq. ft.
Weight: 42 lbs (19.1 kg)



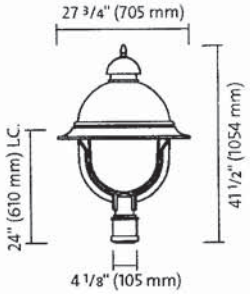
DMS50-SCB

EPA: 1.00 sq. ft.
Weight: 42 lbs (19.1 kg)



DMS50-SG-DL

EPA: 1.20 sq. ft.
Weight: 42 lbs (19.1 kg)



DMS60-SHA

EPA: 1.82 sq. ft.
Weight: 40 lbs (18.1 kg)

LAMPS / LED

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)
System (LED + driver) Rated life = 100,000 hrs[1]

LED light engine technical information for DMS50 WITH FLAT LENS

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120V (A)	TYPICAL CURRENT @ 208V (A)	TYPICAL CURRENT @ 240V (A)	TYPICAL CURRENT @ 277V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2F	3678	35	0.29	0.17	0.16	0.15	350	70 -100	105.1	B1-U0-G1
35W32LED4K-R-LE3F	3859	35	0.29	0.17	0.16	0.15	350	70 -100	110.2	B1-U0-G1
35W32LED4K-R-LE4F	3578	35	0.29	0.17	0.16	0.15	350	70 -100	102.2	B1-U0-G1
35W32LED4K-R-LE5F	3552	35	0.29	0.17	0.16	0.15	350	70 -100	101.5	B2-U0-G1
55W32LED4K-R-LE2F	5141	52	0.40	0.23	0.21	0.19	530	100 - 150	98.9	B1-U0-G1
55W32LED4K-R-LE3F	5404	52	0.40	0.23	0.21	0.19	530	100 - 150	103.9	B2-U0-G1
55W32LED4K-R-LE4F	5002	52	0.40	0.23	0.21	0.19	530	100 - 150	96.2	B1-U0-G1
55W32LED4K-R-LE5F	4966	52	0.40	0.23	0.21	0.19	530	100 - 150	95.5	B3-U0-G1
55W48LED4K-R-LE2F	5301	55	0.38	0.22	0.23	0.21	350	100 - 150	96.4	B1-U0-G1
55W48LED4K-R-LE3F	5566	55	0.38	0.22	0.23	0.21	350	100 - 150	101.2	B2-U0-G1
55W48LED4K-R-LE4F	5158	55	0.38	0.22	0.23	0.21	350	100 - 150	93.8	B1-U0-G1
55W48LED4K-R-LE5F	5120	55	0.38	0.22	0.23	0.21	350	100 - 150	93.1	B3-U0-G1
80W48LED4K-R-LE2F	7454	79	0.63	0.36	0.34	0.31	530	150 - 175	94.3	B2-U0-G1
80W48LED4K-R-LE3F	7833	79	0.63	0.36	0.34	0.31	530	150 - 175	99.2	B2-U0-G2
80W48LED4K-R-LE4F	7252	79	0.63	0.36	0.34	0.31	530	150 - 175	91.8	B2-U0-G2
80W48LED4K-R-LE5F	7200	79	0.63	0.36	0.34	0.31	530	150 - 175	91.1	B3-U0-G1
70W64LED4K-R-LE2F	7478	71	0.58	0.34	0.32	0.3	350	100 - 150	105.3	B2-U0-G1
70W64LED4K-R-LE3F	7849	71	0.58	0.34	0.32	0.3	350	100 - 150	110.6	B2-U0-G2
70W64LED4K-R-LE4F	7276	71	0.58	0.34	0.32	0.3	350	100 - 150	102.5	B2-U0-G2
70W64LED4K-R-LE5F	7223	71	0.58	0.34	0.32	0.3	350	100 - 150	101.7	B3-U0-G1
110W64LED4K-R-LE2F	10565	103	0.8	0.46	0.42	0.38	530	175 - 200	102.6	B2-U0-G2
110W64LED4K-R-LE3F	11097	103	0.8	0.46	0.42	0.38	530	175 - 200	107.7	B3-U0-G2
110W64LED4K-R-LE4F	10279	103	0.8	0.46	0.42	0.38	530	175 - 200	99.8	B2-U0-G2
110W64LED4K-R-LE5F	10206	103	0.8	0.46	0.42	0.38	530	175 - 200	99.1	B3-U0-G2
90W80LED4K-R-LE2F	9163	87	0.78	0.43	0.40	0.34	350	150 - 175	105.3	B2-U0-G2
90W80LED4K-R-LE3F	9626	87	0.78	0.43	0.40	0.34	350	150 - 175	110.6	B3-U0-G2
90W80LED4K-R-LE4F	8915	87	0.78	0.43	0.40	0.34	350	150 - 175	102.5	B2-U0-G2
90W80LED4K-R-LE5F	8851	87	0.78	0.43	0.40	0.34	350	150 - 175	101.7	B3-U0-G2
135W80LED4K-R-LE2F	12894	129	1.15	0.61	0.58	0.5	530	250 - 320	100.0	B3-U0-G2
135W80LED4K-R-LE3F	13544	129	1.15	0.61	0.58	0.5	530	250 - 320	105.0	B3-U0-G2
135W80LED4K-R-LE4F	12545	129	1.15	0.61	0.58	0.5	530	250 - 320	97.2	B3-U0-G2
135W80LED4K-R-LE5F	12454	129	1.15	0.61	0.58	0.5	530	250 - 320	96.5	B4-U0-G2

[1] *L70 = 100,000 HRS (AT AMBIENT TEMPERATURE = 25°C AND FORWARD CURRENT = 700 MA)*

[2] *SYSTEM WATTAGE INCLUDES THE LAMP AND THE LED DRIVER.*

[3] *EQUIVALENCE SHOULD ALWAYS BE CONFIRMED BY A PHOTOMETRIC LAYOUT.*

NOTE : DUE TO RAPID AND CONTINUOUS ADVANCES IN LED TECHNOLOGY, LED LUMINAIRE DATA IS SUBJECT TO CHANGE WITHOUT NOTICE AND AT THE DISCRETION OF PHILIPS.

LAMPS / LED

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)

System (LED + driver) Rated life = 100,000 hrs[1]

LED light engine technical information for DMS50 WITH PRISMATIC GLOBE

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2A	3694	35	0.29	0.17	0.16	0.15	350	70 -100	105.5	B1-U2-G1
35W32LED4K-R-LE3A	3918	35	0.29	0.17	0.16	0.15	350	70 -100	111.9	B1-U2-G1
35W32LED4K-R-LE4A	3693	35	0.29	0.17	0.16	0.15	350	70 -100	105.5	B1-U2-G1
55W32LED4K-R-LE2A	5164	52	0.40	0.23	0.21	0.19	530	100 - 150	99.3	B1-U3-G1
55W32LED4K-R-LE3A	5478	52	0.40	0.23	0.21	0.19	530	100 - 150	105.3	B2-U2-G2
55W32LED4K-R-LE4A	5163	52	0.40	0.23	0.21	0.19	530	100 - 150	99.3	B1-U3-G2
55W48LED4K-R-LE2A	5325	55	0.38	0.22	0.23	0.21	350	100 - 150	96.8	B1-U3-G1
55W48LED4K-R-LE3A	5648	55	0.38	0.22	0.23	0.21	350	100 - 150	102.7	B2-U3-G2
55W48LED4K-R-LE4A	5324	55	0.38	0.22	0.23	0.21	350	100 - 150	96.8	B1-U3-G2
80W48LED4K-R-LE2A	7486	79	0.63	0.36	0.34	0.31	530	150 - 175	94.8	B2-U3-G2
80W48LED4K-R-LE3A	7941	79	0.63	0.36	0.34	0.31	530	150 - 175	100.5	B2-U3-G2
80W48LED4K-R-LE4A	7486	79	0.63	0.36	0.34	0.31	530	150 - 175	94.8	B2-U3-G2
70W64LED4K-R-LE2A	7511	71	0.58	0.34	0.32	0.3	350	100 - 150	105.8	B2-U3-G2
70W64LED4K-R-LE3A	7967	71	0.58	0.34	0.32	0.3	350	100 - 150	112.2	B2-U3-G2
70W64LED4K-R-LE4A	7510	71	0.58	0.34	0.32	0.3	350	100 - 150	105.8	B2-U3-G2
110W64LED4K-R-LE2A	10612	103	0.8	0.46	0.42	0.38	530	175 - 200	103.0	B2-U3-G2
110W64LED4K-R-LE3A	11256	103	0.8	0.46	0.42	0.38	530	175 - 200	109.3	B3-U3-G3
110W64LED4K-R-LE4A	10611	103	0.8	0.46	0.42	0.38	530	175 - 200	103.0	B2-U3-G2
90W80LED4K-R-LE2A	9204	87	0.78	0.43	0.40	0.34	350	150 - 175	105.8	B2-U3-G2
90W80LED4K-R-LE3A	9763	87	0.78	0.43	0.40	0.34	350	150 - 175	112.2	B2-U3-G2
90W80LED4K-R-LE4A	9203	87	0.78	0.43	0.40	0.34	350	150 - 175	105.8	B2-U3-G2
135W80LED4K-R-LE2A	12950	129	1.15	0.61	0.58	0.5	530	250 - 320	100.4	B3-U3-G3
135W80LED4K-R-LE3A	13737	129	1.15	0.61	0.58	0.5	530	250 - 320	106.5	B3-U3-G3
135W80LED4K-R-LE4A	12949	129	1.15	0.61	0.58	0.5	530	250 - 320	100.4	B2-U3-G2

LED light engine technical information for DMS50 WITH SAG LENS

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2S	2867	35	0.29	0.17	0.16	0.15	350	70 -100	81.9	B1-U1-G1
35W32LED4K-R-LE3S	3972	35	0.29	0.17	0.16	0.15	350	70 -100	113.5	B1-U1-G1
35W32LED4K-R-LE4S	3691	35	0.29	0.17	0.16	0.15	350	70 -100	105.5	B1-U1-G1
35W32LED4K-R-LE5S	3649	35	0.29	0.17	0.16	0.15	350	70 -100	104.2	B2-U1-G1
55W32LED4K-R-LE2S	5232	52	0.40	0.23	0.21	0.19	530	100 - 150	100.6	B1-U1-G1
55W32LED4K-R-LE3S	5553	52	0.40	0.23	0.21	0.19	530	100 - 150	106.8	B2-U1-G1
55W32LED4K-R-LE4S	5160	52	0.40	0.23	0.21	0.19	530	100 - 150	99.2	B1-U1-G1
55W32LED4K-R-LE5S	5101	52	0.40	0.23	0.21	0.19	530	100 - 150	98.1	B3-U1-G1
55W48LED4K-R-LE2S	5395	55	0.38	0.22	0.23	0.21	350	100 - 150	98.1	B1-U1-G1
55W48LED4K-R-LE3S	5726	55	0.38	0.22	0.23	0.21	350	100 - 150	104.1	B2-U1-G1
55W48LED4K-R-LE4S	5320	55	0.38	0.22	0.23	0.21	350	100 - 150	96.7	B1-U1-G2
55W48LED4K-R-LE5S	5259	55	0.38	0.22	0.23	0.21	350	100 - 150	95.6	B3-U1-G1
80W48LED4K-R-LE2S	7585	79	0.63	0.36	0.34	0.31	530	150 - 175	96.0	B2-U1-G1
80W48LED4K-R-LE3S	8051	79	0.63	0.36	0.34	0.31	530	150 - 175	101.9	B2-U1-G2
80W48LED4K-R-LE4S	7481	79	0.63	0.36	0.34	0.31	530	150 - 175	94.7	B2-U1-G2
80W48LED4K-R-LE5S	7395	79	0.63	0.36	0.34	0.31	530	150 - 175	93.6	B3-U1-G2
70W64LED4K-R-LE2S	7611	71	0.58	0.34	0.32	0.3	350	100 - 150	107.2	B2-U1-G1
70W64LED4K-R-LE3S	8077	71	0.58	0.34	0.32	0.3	350	100 - 150	113.8	B2-U1-G2
70W64LED4K-R-LE4S	7505	71	0.58	0.34	0.32	0.3	350	100 - 150	105.7	B2-U1-G2
70W64LED4K-R-LE5S	7419	71	0.58	0.34	0.32	0.3	350	100 - 150	104.5	B3-U1-G2
110W64LED4K-R-LE2S	10752	103	0.8	0.46	0.42	0.38	530	175 - 200	104.4	B2-U1-G2
110W64LED4K-R-LE3S	11412	103	0.8	0.46	0.42	0.38	530	175 - 200	110.8	B3-U1-G2
110W64LED4K-R-LE4S	10604	103	0.8	0.46	0.42	0.38	530	175 - 200	103.0	B2-U1-G2
110W64LED4K-R-LE5S	10482	103	0.8	0.46	0.42	0.38	530	175 - 200	101.8	B4-U1-G2
90W80LED4K-R-LE2S	9325	87	0.78	0.43	0.40	0.34	350	150 - 175	107.2	B2-U1-G2
90W80LED4K-R-LE3S	9897	87	0.78	0.43	0.40	0.34	350	150 - 175	113.8	B3-U1-G2
90W80LED4K-R-LE4S	9197	87	0.78	0.43	0.40	0.34	350	150 - 175	105.7	B2-U1-G2
90W80LED4K-R-LE5S	9091	87	0.78	0.43	0.40	0.34	350	150 - 175	104.5	B3-U1-G2
135W80LED4K-R-LE2S	13122	129	1.15	0.61	0.58	0.5	530	250 - 320	101.7	B3-U1-G2
135W80LED4K-R-LE3S	13927	129	1.15	0.61	0.58	0.5	530	250 - 320	108.0	B3-U1-G3
135W80LED4K-R-LE4S	12941	129	1.15	0.61	0.58	0.5	530	250 - 320	100.3	B3-U2-G2
135W80LED4K-R-LE5S	12792	129	1.15	0.61	0.58	0.5	530	250 - 320	99.2	B4-U2-G2

[1] *L70 = 100,000 HRS (AT AMBIENT TEMPERATURE = 25°C AND FORWARD CURRENT = 700 MA)*

[2] *SYSTEM WATTAGE INCLUDES THE LAMP AND THE LED DRIVER.*

[3] *EQUIVALENCE SHOULD ALWAYS BE CONFIRMED BY A PHOTOMETRIC LAYOUT.*

NOTE : DUE TO RAPID AND CONTINUOUS ADVANCES IN LED TECHNOLOGY, LED LUMINAIRE DATA IS SUBJECT TO CHANGE WITHOUT NOTICE AND AT THE DISCRETION OF PHILIPS.

LAMPS / LED

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)
System (LED + driver) Rated life = 100,000 hrs[1]

LED light engine technical information for DMS60 WITH FLAT LENS

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2F	3272	35	0.29	0.17	0.16	0.15	350	70 -100	93.5	B1-U0-G1
35W32LED4K-R-LE3F	3434	35	0.29	0.17	0.16	0.15	350	70 -100	98.1	B1-U0-G1
35W32LED4K-R-LE4F	3183	35	0.29	0.17	0.16	0.15	350	70 -100	90.9	B1-U0-G1
35W32LED4K-R-LE5F	3160	35	0.29	0.17	0.16	0.15	350	70 -100	90.3	B2-U0-G1
55W32LED4K-R-LE2F	4575	52	0.40	0.23	0.21	0.19	530	100 - 150	88.0	B1-U0-G1
55W32LED4K-R-LE3F	4809	52	0.40	0.23	0.21	0.19	530	100 - 150	92.5	B2-U0-G1
55W32LED4K-R-LE4F	4452	52	0.40	0.23	0.21	0.19	530	100 - 150	85.6	B1-U0-G1
55W32LED4K-R-LE5F	4419	52	0.40	0.23	0.21	0.19	530	100 - 150	85.0	B3-U0-G1
55W48LED4K-R-LE2F	4711	55	0.38	0.22	0.23	0.21	350	100 - 150	85.6	B1-U0-G1
55W48LED4K-R-LE3F	4954	55	0.38	0.22	0.23	0.21	350	100 - 150	90.1	B2-U0-G1
55W48LED4K-R-LE4F	4583	55	0.38	0.22	0.23	0.21	350	100 - 150	83.3	B1-U0-G1
55W48LED4K-R-LE5F	4550	55	0.38	0.22	0.23	0.21	350	100 - 150	82.7	B3-U0-G1
55W48LED4K-R-LE2F	6642	79	0.63	0.36	0.34	0.31	530	150 - 175	84.1	B2-U0-G1
80W48LED4K-R-LE3F	6972	79	0.63	0.36	0.34	0.31	530	150 - 175	88.3	B2-U0-G1
80W48LED4K-R-LE4F	6462	79	0.63	0.36	0.34	0.31	530	150 - 175	81.8	B2-U0-G2
80W48LED4K-R-LE5F	6416	79	0.63	0.36	0.34	0.31	530	150 - 175	81.2	B3-U0-G1

LED light engine technical information for DMS60 WITH PRISMATIC GLOBE

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2A	3299	35	0.29	0.17	0.16	0.15	350	70 -100	94.3	B1-U3-G1
35W32LED4K-R-LE3A	3280	35	0.29	0.17	0.16	0.15	350	70 -100	93.7	B1-U2-G1
35W32LED4K-R-LE4A	2983	35	0.29	0.17	0.16	0.15	350	70 -100	85.2	B1-U3-G1
55W32LED4K-R-LE2A	4627	52	0.40	0.23	0.21	0.19	530	100 - 150	89.0	B1-U3-G1
55W32LED4K-R-LE3A	4605	52	0.40	0.23	0.21	0.19	530	100 - 150	88.6	B1-U3-G1
55W32LED4K-R-LE4A	4676	52	0.40	0.23	0.21	0.19	530	100 - 150	89.9	B1-U3-G1
55W48LED4K-R-LE2A	4673	55	0.38	0.22	0.23	0.21	350	100 - 150	85.0	B1-U3-G1
55W48LED4K-R-LE3A	4648	55	0.38	0.22	0.23	0.21	350	100 - 150	84.5	B1-U3-G1
55W48LED4K-R-LE4A	4722	55	0.38	0.22	0.23	0.21	350	100 - 150	85.9	B1-U3-G1
80W48LED4K-R-LE2A	6890	79	0.63	0.36	0.34	0.31	530	150 - 175	87.2	B2-U3-G2
80W48LED4K-R-LE3A	6853	79	0.63	0.36	0.34	0.31	530	150 - 175	86.7	B2-U3-G2
80W48LED4K-R-LE4A	6642	79	0.63	0.36	0.34	0.31	530	150 - 175	84.1	B1-U3-G2

LED light engine technical information for DMS60 WITH SAG LENS

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE[2] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT[3]	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2S	3330	35	0.29	0.17	0.16	0.15	350	70 -100	95.1	B1-U1-G1
35W32LED4K-R-LE3S	3534	35	0.29	0.17	0.16	0.15	350	70 -100	101.0	B1-U1-G1
35W32LED4K-R-LE4S	3284	35	0.29	0.17	0.16	0.15	350	70 -100	93.8	B1-U1-G1
35W32LED4K-R-LE5S	3246	35	0.29	0.17	0.16	0.15	350	70 -100	92.7	B2-U1-G1
55W32LED4K-R-LE2S	4656	52	0.40	0.23	0.21	0.19	530	100 - 150	89.5	B1-U1-G1
55W32LED4K-R-LE3S	4942	52	0.40	0.23	0.21	0.19	530	100 - 150	95.0	B1-U1-G1
55W32LED4K-R-LE4S	4592	52	0.40	0.23	0.21	0.19	530	100 - 150	88.3	B1-U1-G1
55W32LED4K-R-LE5S	4539	52	0.40	0.23	0.21	0.19	530	100 - 150	87.3	B3-U1-G1
55W48LED4K-R-LE2S	4794	55	0.38	0.22	0.23	0.21	350	100 - 150	87.2	B1-U1-G1
55W48LED4K-R-LE3S	5088	55	0.38	0.22	0.23	0.21	350	100 - 150	92.5	B2-U1-G1
55W48LED4K-R-LE4S	4728	55	0.38	0.22	0.23	0.21	350	100 - 150	86.0	B1-U1-G1
55W48LED4K-R-LE5S	4674	55	0.38	0.22	0.23	0.21	350	100 - 150	85.0	B3-U1-G1
80W48LED4K-R-LE2S	6759	79	0.63	0.36	0.34	0.31	530	150 - 175	85.6	B2-U1-G1
80W48LED4K-R-LE3S	7174	79	0.63	0.36	0.34	0.31	530	150 - 175	90.8	B2-U1-G2
80W48LED4K-R-LE4S	6666	79	0.63	0.36	0.34	0.31	530	150 - 175	84.4	B2-U1-G2
80W48LED4K-R-LE5S	6590	79	0.63	0.36	0.34	0.31	530	150 - 175	83.4	B3-U1-G1

[1] *L70 = 100,000 HRS (AT AMBIENT TEMPERATURE = 25°C AND FORWARD CURRENT = 700 MA)*
[2] *SYSTEM WATTAGE INCLUDES THE LAMP AND THE LED DRIVER.*
[3] *EQUIVALENCE SHOULD ALWAYS BE CONFIRMED BY A PHOTOMETRIC LAYOUT.*
NOTE : DUE TO RAPID AND CONTINUOUS ADVANCES IN LED TECHNOLOGY, LED LUMINAIRE DATA IS SUBJECT TO CHANGE WITHOUT NOTICE AND AT THE DISCRETION OF PHILIPS.

LAMPS / LED

VOLTAGE

120 / 208 / 240 / 277 / 347 / 480

OPTICAL SYSTEMS / LED

Flat lens
IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass flat lens permanently sealed onto the lower part of the heat sink.

LE2F: Asymetrical
LE3F: Asymetrical
LE4F: Asymetrical
LE5F: Symmetrical (square)

> House shield available in option (HS)

Sag lens
IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass sag lens permanently sealed onto the lower part of the heat sink.

LE2S: Asymetrical
LE3S: Asymetrical
LE4S: Asymetrical
LE5S: Symmetrical (square)

> House shield available in option (HS)

Prismatic globe
IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with globe having an inner prismatic surface permanently sealed onto the lower part of the heat sink.

LE2A: Asymetrical
LE3A: Asymetrical
LE4A: Asymetrical

> LE2A/LE3A/LE4A available in acrylic and borosilicate.

> House shield available in option (HS)

Add suffix ACDR or PC to optical system code.

* Photometry available on Philips Lumec web site www.philips.com/lumec.

LAMPS / HID

WATTAGE	DMS50 SCB3M SHA3M-PC SSA3M-PC	DMS50 SHA3M-ACDR SSA3M-ACDR	DMS50 SG	DMS60 SCB3M SHA3M-PC SSA3M-PC	DMS60 SHA3M-ACDR SSA3M-ACDR	DMS60 SG
50 MH, medium	✓	✓	✓	✓	✓	RB
70 MH, medium	✓	✓	✓	✓	✓	RB
100 MH, medium	✓	✓	✓	✓	✓	RB
150 MH, medium	✓	✓	✓	✓	✓	RB
200 MH, mogul	✓	N/A	✓	✓	N/A	RB
175 PSMH, mogul	✓	✓	✓	✓	✓	N/A
250 PSMH, mogul	✓	N/A	✓	✓	N/A	RB
400 PSMH, mogul(1)	N/A	N/A	RB, RJ	N/A	N/A	N/A
35 HPS, mogul	✓	✓	✓	✓	✓	RB
50 HPS, mogul	✓	✓	✓	✓	✓	RB
70 HPS, mogul	✓	✓	✓	✓	✓	RB
100 HPS, mogul	✓	✓	✓	✓	✓	RB
150 HPS, mogul	✓	✓	✓	✓	✓	RB
200 HPS, mogul(1)	✓	N/A	✓	✓	N/A	RB
250 HPS, mogul(1)	✓	N/A	✓	✓	N/A	RB
400 HPS, mogul(1)	N/A	N/A	RB	N/A	N/A	N/A

✓ : Available N/A : Not available RB : Remote Ballast Required
RJ : Reduced Jacket ED28 Required 1 : N/A with SGFM

CosmoPolis™ / new generation of ceramic metal halide lamp

WATTAGE	SCB3M / SHA3M-PC / SSA3M-PC	SHA3M-ACDR / SSA3M-ACDR
60 CW	✓	✓
90 CW	✓	✓
140 CW[1]	✓	✓

✓ : Available 1 : Not available with 120 volts

OPTICAL SYSTEMS / HID

(Lamps not included)

SHA and SSA optics
Sealed optical chamber consisting of a reflector permanently assembled of top of an internal prismatic globe.

SHA3M: Asymmetrical
SHA3M: Asymmetrical

> House shield available in option (HS)

In the above optics, the sleeve and shutter permit exact positioning of the lamp. SHA & SSA refractors available in: **ACDR : Acrylique** (175 W max.) **PC : Polycarbonate.** *Add suffix to optical system code.*

SCB optics
Sealed optical chamber consisting of a reflector permanently assembled on top of a tempered-glass sag lens.

SCB3M: Asymmetrical

> House shield available in option (HS)

SG Optics
Segmented cut-off reflector system set in faceted arc-image duplicating patterns.

SGQ: Symmetrical
SG1: Symmetrical
SG2: Asymmetrical
SG3: Asymmetrical
SGFM: Forward throw

> House shield available for SG2 and SG3

In the above optics, the sleeve and shutter permit exact positioning of the lamp.

* Photometry available on Philips Lumec web site www.philips.com/lumec.

VOLTAGE

DHI[1] : 120 / 208 / 240 / 277 / 347 / 480
CosmoPolis™ : 120 / 208 / 240 / 277

[1] *Multi-top ballast also available.*

LAMPS / QL

WATTAGE	SCB5	SHA
55 QL	✓	✓
85 QL	✓	✓

✓ : Available

High frequency generator for induction lamp (4000K).
Instant start. Operating range 50-60 Hz or DC.
Lamp minimum starting temperature -40F (-40 °C).

VOLTAGE

120 / 208 / 240 / 277

OPTICAL SYSTEMS / QL

(Lamps included)

SHA optics
Sealed optical chamber consisting of a reflector permanently assembled of top of an internal prismatic globe.

SHA: Asymmetrical

> House shield available in option (HS)

SCB5 optics
Sealed optical chamber consisting of a reflector permanently assembled on top of a tempered-glass sag lens.

SCB5: Symmetrical

> House shield available in option (HS)

* Photometry available on Philips Lumec web site www.philips.com/lumec.

LUMINAIRE OPTIONS

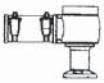
HS House shield
(Not available with LED)

LD Luminous dome, 250 W maximum
(SG optics only) (only with DMS50)
(remote ballast for 200 and 250 W in braket or pole)
(Not available with LED)

LR Luminous ring,
250 W maximum
(SG optics only) (only with DMS50)
(remote ballast for 200 and 250 W in braket or pole)
(Not available with LED)

SLG Tempered glass sag lens
(SG optics only)(Not available with LED)

ADAPTORS



SMB
The luminaire is suspended by means of a decorative side-mounting cast-aluminium adaptor. This adaptor accepts tubes from 1 5/8" to 2 3/8" (41 to 60 mm) and is adjustable to more or less 50.

SMART LUMINAIRE OPTIONS

Domus allows you many options in order to get different smart functionalities.

DMG *(available with LifeLED and LEDgine*)*
Driver is compatible with dimmer from 0 to 10 volts.

CDMG *(available with LifeLED and LEDgine*)*
Dynadimmer standard dimming functionalities including pre-programmed scenarios to suit many applications and needs from safety to maximum energy savings. *(see Dynadimmer brochure for more information on pre-programmed scenarios)*

CDMGP *(available with LifeLED and LEDgine*)*
Dynadimmer custom dimming scenario allowing the user to program up to 5 time periods and multiple dimming levels from 100% to 10% of total wattage.

OVR *(available with LEDgine* only)*
Dynadimmer override function offering the possibility to go back to full power at any time via an electrical signal of 120VAC to 277VAC from a motion sensor, a switch, a relay or else.

CLO *(available with LEDgine* only)*
Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the lamp.

AST *(available with LEDgine* only)*
Pre-set driver for progressive start-up of the lamp to optimize energy management and enhance user visual comfort at start-up.

OTL *(available with LEDgine* only)*
Pre-set driver to signal end of life of the lamp for better fixture management.

DALI *(available with LEDgine* only)*
Pre-set driver compatible with the DALI control system.

* Not available with 347 and 480 volt.

SMART SYSTEM OPTIONS

Different options are available according to your needs. Please contact us for more information.

SMART CITY OPTIONS

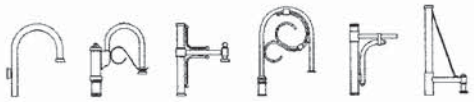
AMPLIGHT *(available with LEDgine* only)*
Amplight is the intelligent monitoring and control, automated management system that delivers up to 35% streetlight energy savings and makes it easy to monitor and manage the entire system, in real time. Please contact us for more information.

* Not available with 347 and 480 volt.

Other options are also available according to your needs. Please contact us for more information.

MOUNTINGS

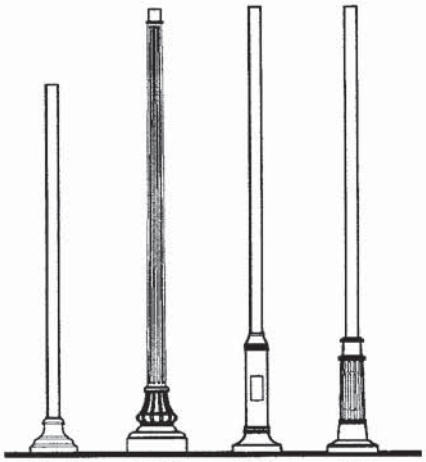
(Consult the Pole Guide for details and the complete line of mountings)



IF LM MM NM MR PC

POLES AND POLE OPTIONS

(Consult the Pole Guide for details and the complete line of poles)



APR4-LBC3 RTA600 SSM8 RS856

FINISHES

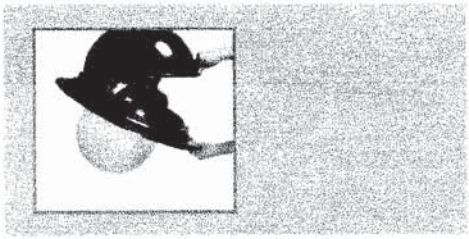
(Consult Philips Lumec's Color Chart for complete specifications)

The specially formulated **Lumital** powder coat finish is available in a range of many standard colors.

ORDERING SAMPLE

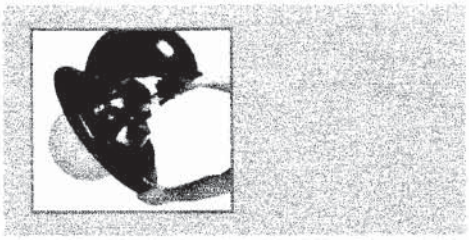
LUMINAIRE	LAMP	GLOBE/LENS	OPTICAL SYSTEM	VOLTAGE	ADAPTOR	OPTIONS	MOUNTING & CONFIGURATION	POLE	FINISH
DMS50	100 HPS	ACDR	SHA3L-ACDR	120	SMB	FS-LR	MR-1A	R80-15	GNTX

MAINTENANCE



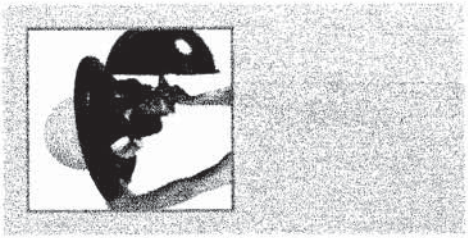
ACCESS TO INTERNAL COMPONENT

The luminaire's hood can be opened by simply applying pressure on the latch located on the technical ring. The hood can then be pivoted along a hinge incorporated in the technical ring. A built-in stopper holds the cover at 90° from the technical ring.



ACCESS TO LAMP

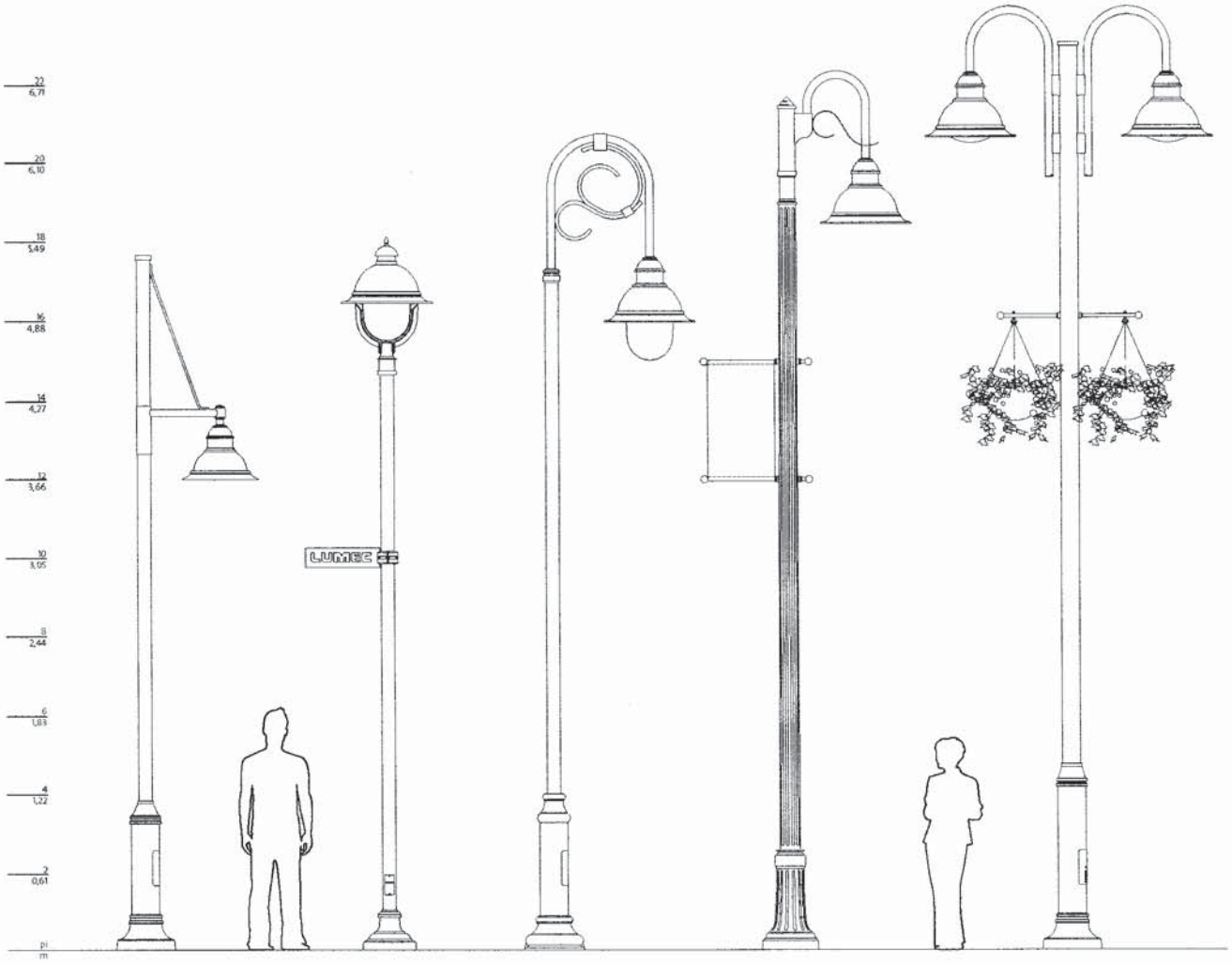
A simple quarter-turn of the **Smartseal** ™ shutter provides easy access to the lamp. Quick-disconnect terminals between the lamp and the ballast tray ensure safe and easy lamp replacement.



ACCESS TO BALLAST

The tool-free drop-in unitized ballast tray is slipped into the post top box which rests on the optical support plate. Here again, the use of quick-disconnect terminals ensures safe and easy ballast maintenance

ASSEMBLY EXAMPLES



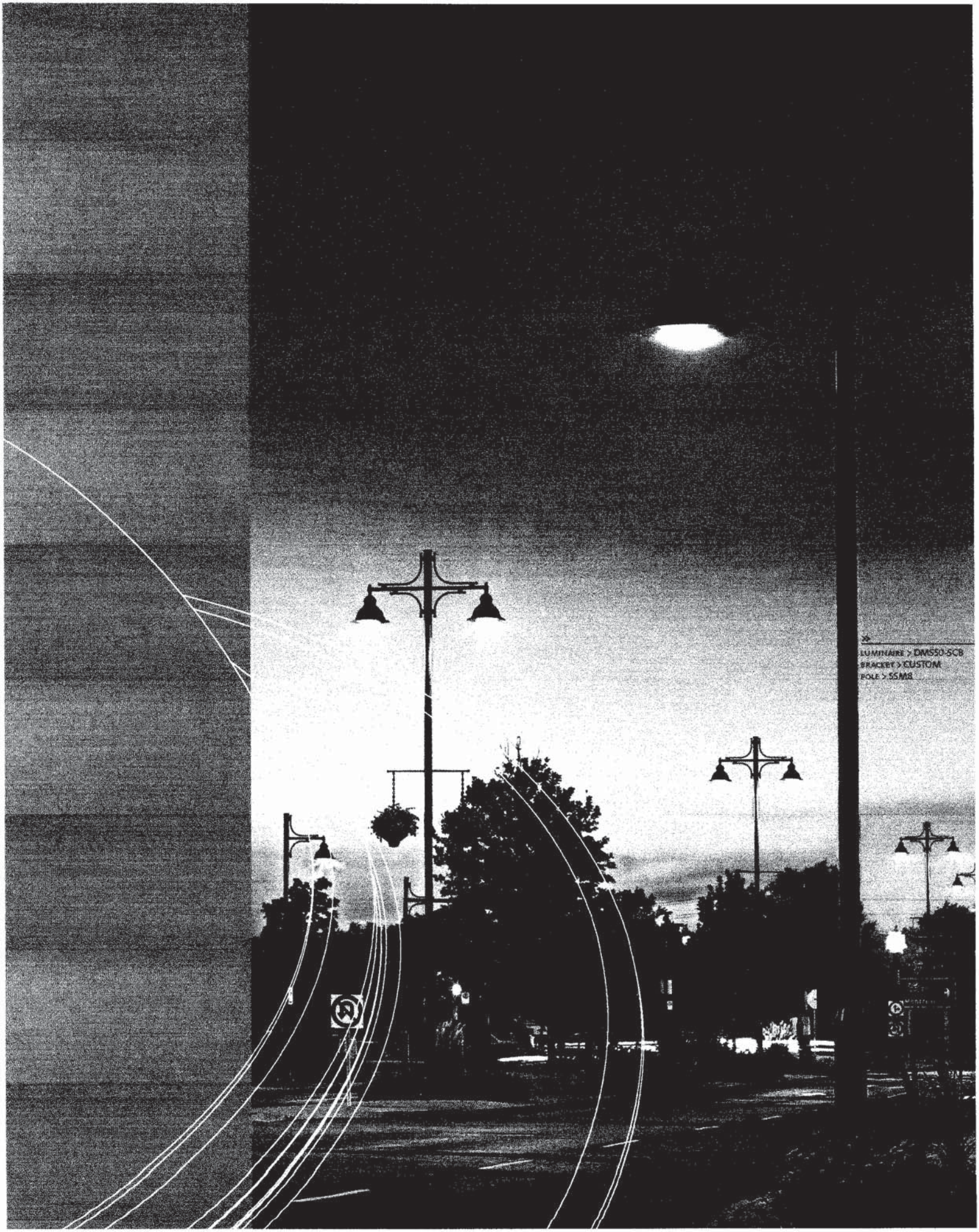
Luminaire: DOS-SG
Mounting: DBG-1A
Pole: AM8

Luminaire: DMS60-SHA
Pole: APR4-LBC3-SA1

Luminaire: DMS50-SHA
Mounting: NM-1A
Pole: RA61

Luminaire: DMS50-SG
Mounting: LM-1A
Pole: RTA906/907-BA

Luminaire: DMS50-SCB
Mounting: CN5-2
Pole: SSM8-PS


LUMINAIRE > DMS50-SCB
BRACKET > CUSTOM
POLE > SSM8

© 2014 Koninklijke Philips N.V. All rights reserved.
Specifications are subject to change without notice.
www.philips.com/luminaires

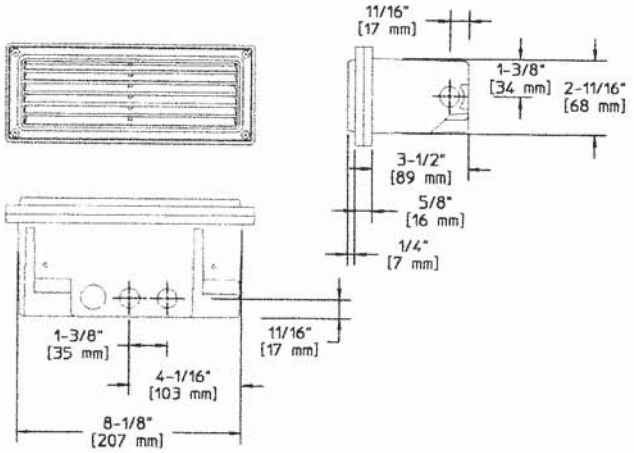
Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008

STEP LIGHT "S1"

LED Steplyte (RSC2) Specification Sheet

Project Name:	Location:	MFG: Philips Hadco
Fixture Type:	Catalog No.:	Qty:



Ordering Guide

Example: RSC2 A K5 D3 E

Product Code	RSC2	LED Steplyte
Finish	A B H N	Black White Bronze Natural Bronze
Optics	K5	Symmetric Optics
Wattage	D3 D5	3 1W LEDs 5 1W LEDs
Voltage	E	120V

Specifications

HOUSING:
Cool external temperatures - all below 32°C - so the luminaire is cool to the touch, including the lens. Perfect for high pedestrian traffic and plant life applications. Exceeds European standard EN 563 both 1 second (74°C for coated metal, 80°C for glass) and 4 seconds (61°C for coated metal, 70°C for glass) of contact. Fasteners are 300 series stainless steel. Gasketing is silicone. Note: Recessed housing contains four (4) ½" NPS conduit inlets (two (2) on bottom and one on each side) and internal pull-through wiring compartment. Die-cast aluminum trim ring contains less than 0.3% copper to resist corrosion. Cast bronze fixture has polycarbonate, color impregnated, dark bronze finish. Die-cast copper-free aluminum with 45° cutoff, with frosted tempered glass. Cast bronze louver is natural cast bronze with frosted tempered glass. Die-cast aluminum back box contains less than 0.3% copper to prevent corrosion in concrete or masonry applications.

FINISH:
Zinc-rich primer and thermoset powdercoat for durability. Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications.

OPTICAL ASSEMBLY:
The cast louver offers lower light levels with cut-off for lighting stairways or general lighting where shielding of the light source is more important than high light levels. Reflector is formed from highly reflective aluminum.

LAMPING:
White high brightness (HB) LEDs. Deliver 70% lumen maintenance at 50,000 hours. Cool white (5500K nominal).

ELECTRICAL ASSEMBLY:
Powered by Advance™: Integral Advance™ electronic LED driver. UL class2. -40°C/F minimum starting temperature. Pre-wired with high temperature 18 AWG wire. Input voltage range (VAC): 108-132. Input frequency: 60Hz. Integral surge protector built into LED driver circuit. 4 totals watts (3) 1W LEDs, 6 total watts (5) 1W LEDs.

WARRANTY:
Five-year limited warranty.

CERTIFICATIONS:
ETL listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards. ADA Compliant when used in indoor and outdoor wall applications.

Height :
3 1/2" (90mm)

Width:
9" (229mm)

Depth:
3 1/2" (90mm)

Max. Weight:
3.64 lb.

ISO 9001:2008 Registered

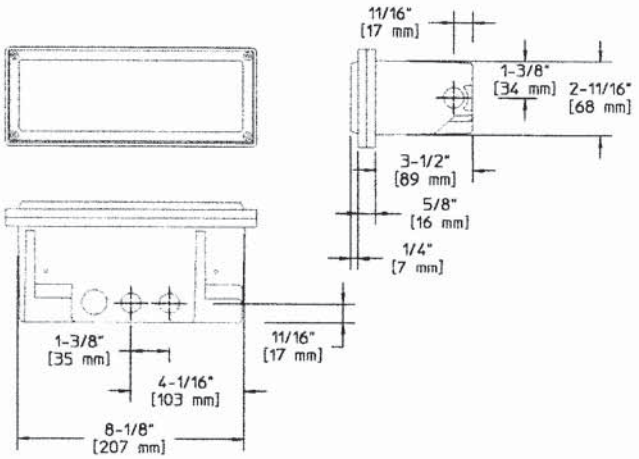
PHILIPS HADCO

Note: Philips reserves the right to modify the above details to reflect changes in the cost of materials and/or production and/or design without prior notice.
100 Craftway Drive, Littlestown, PA 17340 I P: +1-717-359-7131 F: +1-717-359-9289 I http://www.hadco.com/ I Copyright 2013 Philips
HW1

STEPLIGHT - "S2"

LED Steplyte (RSF2) Specification Sheet

Project Name:	Location:	MFG: Philips Hadco
Fixture Type:	Catalog No.:	Qty:



Ordering Guide

Example: RSF2 A L5 D3 E

Product Code	RSF2	LED Steplyte
Finish	A H	Black Bronze
Optics	L5	Symmetric Optics
Wattage	D3 D5	3 1W LEDs 5 1W LEDs
Voltage	E	120V

Specifications

HOUSING:
Cool external temperatures - all below 32ºC - so the luminaire is cool to the touch, including the lens. Perfect for high pedestrian traffic and plant life applications. Exceeds European standard EN 563 both 1 second (74ºC for coated metal, 80ºC for glass) and 4 seconds (61ºC for coated metal, 70ºC for glass) of contact. Die-cast aluminum trim ring contains less than 0.3% copper to resist corrosion. Die-cast aluminum back box contains less than 0.3% copper to prevent corrosion in concrete or masonry applications.

FINISH:
Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications. Zinc-rich primer and thermoset powdercoat for durability.

OPTICAL ASSEMBLY:
Opal Lens - made of UV stabilized injection molded polycarbonate. Specular aluminum formed reflector.

LAMPING:
White high brightness (HB) LEDs. Deliver 70% lumen maintenance at 50,000 hours. Cool white (5500K nominal).

ELECTRICAL ASSEMBLY:
Powered by Advance™: Integral Advance™ electronic LED driver. UL class2. -40ºC/F minimum starting temperature. Pre-wired with high temperature 18 AWG wire. Input voltage range (VAC): 108-132. Input frequency: 60Hz. Integral surge protector built into LED driver circuit. 4 totals watts (3) 1W LEDs, 6 total watts (5) 1W LEDs.

WARRANTY:
Five-year limited warranty.

CERTIFICATIONS:
ETL listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards. ADA Compliant when used in indoor and outdoor wall applications.

Height :
3 1/2" (90mm)

Width:
9" (229mm)

Depth:
3 1/2" (90mm)

Max. Weight:
3.65 lb.

PHILIPS HADCO

Note: Philips reserves the right to modify the above details to reflect changes in the cost of materials and/or production and/or design without prior notice.
100 Craftway Drive, Littlestown, PA 17340 I P: +1-717-359-7131 F: +1-717-359-9289 I http://www.hadco.com I Copyright 2013 Philips
HW2