



LED High-Bay Lighting

LED High-Bay Lighting

**LEGATTO
RADIANT**

Efficient with integrated sensor



LEGATTO RADIANT 70 | 90 | 120 | 150 | 180 | 210 W

LEGATTO RADIANT

designed with exceptional energy efficiency and best-in class optics, delivers outstanding illumination while minimizing energy consumption. The sleek black color of the enclosure adds a touch of modern elegance to your space, making it a perfect choice for variant applications from production lines to exhibition centers. To provide a reliable, easy to use and powerful connected lighting experience, Legatto Radiant is available in DALI and can be equipped with an occupancy sensor.

Key Features

- Ultimate Reliability
- Excellent Energy Savings
- Integrated Occupancy Sensor
- Thermal Control Function
- Convenient Installation Options
- With up to 188 lm/W Efficacy



Warehouse



Logistic Centers



Transport

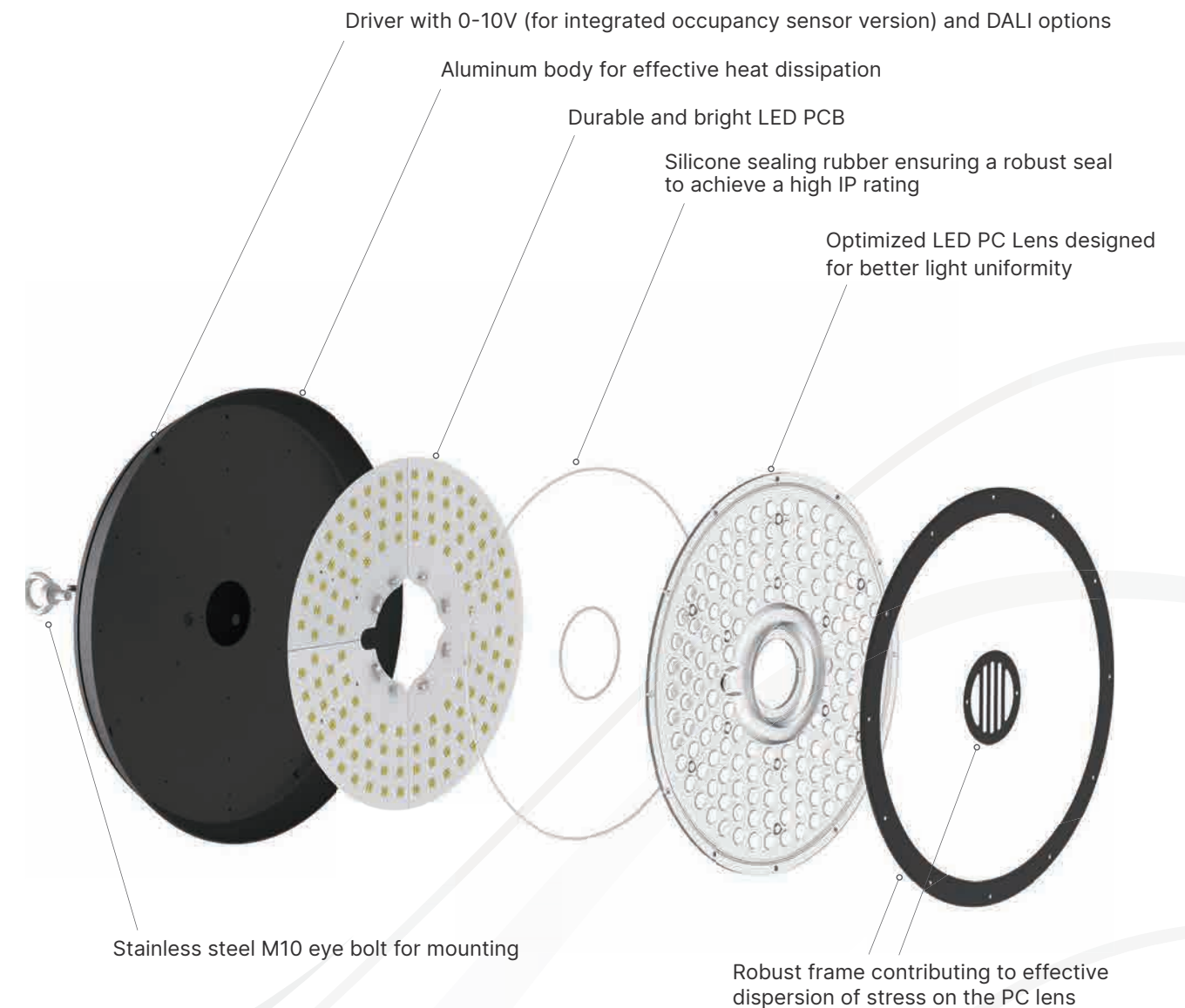


Exhibition Halls



General Manufacturing

Product Components





Technical Data

Electrical Data

Nominal wattage	70 – 210 W
Nominal voltage	220 – 240 V
Power factor	>0.95
Total harmonic distortion	<20%
Surge protection	4kV
Protection class	Class I
Driver efficiency and mounting	>90%
Operating mode	0-10 V DALI

Photometric Data

Luminous flux	12 000 to 36 500 lm
Luminous efficacy	157 – 188 lm/W
Color temperature	4000K 5000K 6500K (optional)
Color rendering index	>80
Standard deviation of color matching	3 SDCM
Beam angle	100°; 60° ; 40° x 90°
UGR	<26

Materials & Colors

Product color	Black
Housing color	Black
Body material	Die casting aluminum
Optics material	Polycarbonate with F1 rating
Seal material	Silicone rubber

Application & Mounting

Ambient temperature range	-40 to +60°C
Ingress protection rating	IP65
Impact protection rating	IK10

Lifespan

Lifespan L80B10 at Ta=25°C	100 000 h
----------------------------	-----------



Order Guide

Legatto Radiant 100° - 4000K

Material number	SBDB74H0ME-2	SBDB94H0ME-2	SBDBC4H0ME-2	SBDBF4H0ME-2	SBDBM4H0ME-2	SBDBN4H0ME-2
Lumen output (lm)	13 000	16 500	22 500	27 500	33 000	36 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	188	183	183	174
Dimensions (mm)	410 x 170					
CCT	4000K					
Operating temp.	-40 to +60°C					
Beam angle	100°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 100° - 4000K - DALI

Material number	SBDB74H0DE-2	SBDB94H0DE-2	SBDBC4H0DE-2	SBDBF4H0DE-2	SBDBM4H0DE-2	SBDBN4H0DE-2
Lumen output (lm)	13 000	16 500	22 500	27 500	33 000	36 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	188	183	183	174
Dimensions (mm)	410 x 170					
CCT	4000K					
Operating temp.	-40 to +60°C					
Beam angle	100°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 60° - 4000K

Material number	SBDB7460ME-2	SBDB9460ME-2	SBDBC460ME-2	SBDBF460ME-2	SBDBM460ME-2	SBDBN460ME-2
Lumen output (lm)	12 000	15 500	20 500	25 500	30 500	33 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	171	172	171	170	169	160
Dimensions (mm)	410 x 170					
CCT	4000K					
Operating temp.	-40 to +60°C					
Beam angle	60°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 60° - 4000K - DALI

Material number	SBDB7460DE-2	SBDB9460DE-2	SBDBC460DE-2	SBDBF460DE-2	SBDBM460DE-2	SBDBN460DE-2
Lumen output (lm)	12 000	15 500	20 500	25 500	30 500	33 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	171	172	171	170	169	160
Dimensions (mm)	410 x 170					
CCT	4000K (5000K) same lumen					
Operating temp.	-40 to +60°C					
Beam angle	60°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					



Order Guide

Legatto Radiant 40° x 90° - 4000K						
Material number	SBDB74A4ME-2	SBDB94A4ME-2	SBD BC4A4ME-2	SBDBF4A4ME-2	SBDBM4A4ME-2	SBDBN4A4ME-2
Lumen output (lm)	13 000	16 500	20 500	25 500	30 000	33 000
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	171	170	167	157
Dimensions (mm)	410 x 170					
CCT	4000K					
Operating temp.	-40 to +60°C					
Beam angle	40° x 90°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 40° x 90° - 4000K - DALI						
Material number	SBDB74A4DE-2	SBDB94A4DE-2	SBD BC4A4DE-2	SBDBF4A4DE-2	SBDBM4A4DE-2	SBDBN4A4DE-2
Lumen output (lm)	13 000	16 500	20 500	25 500	30 000	33 000
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	171	170	167	157
Dimensions (mm)	410 x 170					
CCT	4000K					
Operating temp.	-40 to +60°C					
Beam angle	40° x 90°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 100° - 5000K						
Material number	SBDB75H0ME-2	SBDB95H0ME-2	SBD BC5H0ME-2	SBDBF5H0ME-2	SBDBM5H0ME-2	SBDBN5H0ME-2
Lumen output (lm)	13 000	16 500	22 500	27 500	33 000	36 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	188	183	183	174
Dimensions (mm)	414 x 125					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	100°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 100° - 5000K - DALI						
Material number	SBDB75H0DE-2	SBDB95H0DE-2	SBD BC5H0DE-2	SBDBF5H0DE-2	SBDBM5H0DE-2	SBDBN5H0DE-2
Lumen output (lm)	13 000	16 500	22 500	27 500	33 000	36 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	188	183	183	174
Dimensions (mm)	410 x 170					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	100°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					



Order Guide

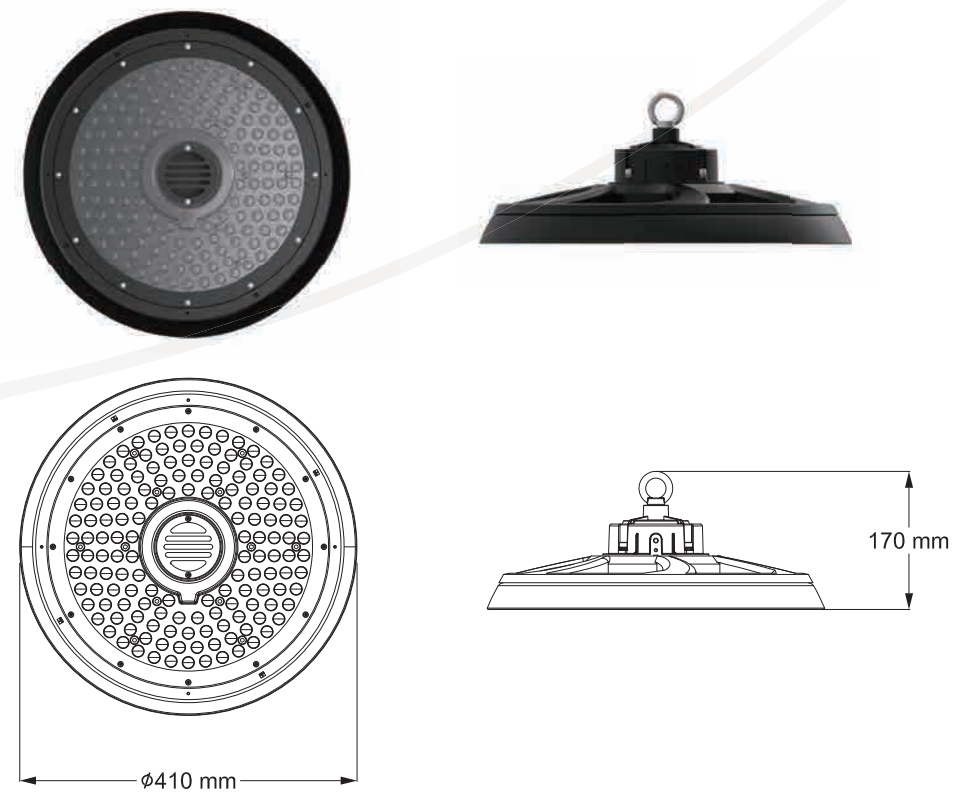
Legatto Radiant 60° - 5000K						
Material number	SBDB7560ME-2	SBDB9560ME-2	SBD BC560ME-2	SBDBF560ME-2	SBDBM560ME-2	SBDBN560ME-2
Lumen output (lm)	12 000	15 500	20 500	25 500	30 500	33 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	171	172	171	170	169	160
Dimensions (mm)	410 x 170					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	60°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 60° - 5000K - DALI						
Material number	SBDB74560DE-2	SBDB9560DE-2	SBD BC4560DE-2	SBDBF560DE-2	SBDBM560DE-2	SBDBN560DE-2
Lumen output (lm)	12 000	15 500	20 500	25 500	30 500	33 500
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	171	172	171	170	169	160
Dimensions (mm)	410 x 170					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	60°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					

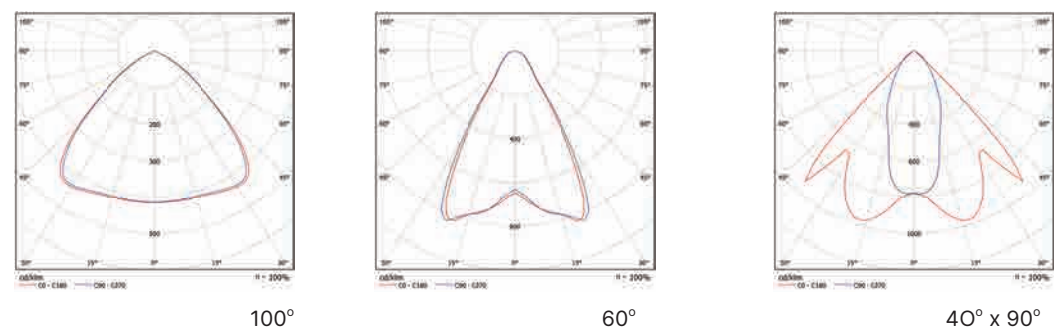
Legatto Radiant 40° x 90° - 5000K						
Material number	SBDB75A4ME-2	SBDB95A4ME-2	SBD BC5A4ME-2	SBDBF5A4ME-2	SBDBM5A4ME-2	SBDBN5A4ME-2
Lumen output (lm)	13 000	16 500	20 500	25 500	30 000	33 000
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	171	170	167	157
Dimensions (mm)	410 x 170					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	40° x 90°					
Control interface	Occupancy sensor (0-10V)					
Lifetime	L80B10 >100 000h at Ta=25°C					

Legatto Radiant 40° x 90° - 5000K - DALI						
Material number	SBDB75A4DE-2	SBDB95A4DE-2	SBD BC5A4DE-2	SBDBF5A4DE-2	SBDBM45A4DE-2	SBDBN5A4DE-2
Lumen output (lm)	13 000	16 500	20 500	25 500	30 000	33 000
Power (W)	70	90	120	150	180	210
Efficacy (lm/W)	186	183	171	170	167	157
Dimensions (mm)	410 x 170					
CCT	5000K					
Operating temp.	-40 to +60°C					
Beam angle	40° x 90°					
Control interface	DALI					
Lifetime	L80B10 >100 000h at Ta=25°C					

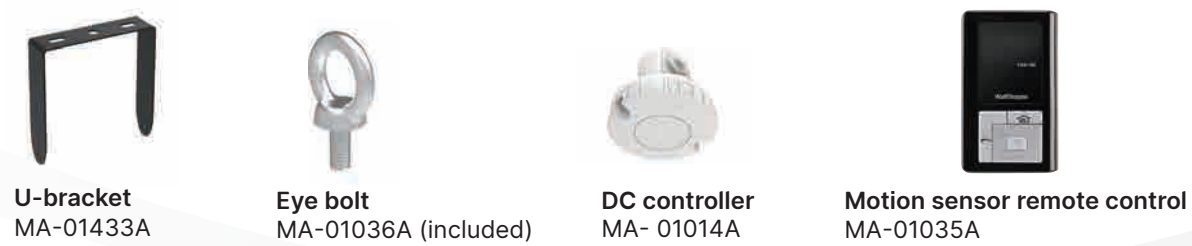
Product Orientation & Dimensions



Photometry



Accessories



Naming Rules

Code	Product code							
SBD	Legatto							
	Code	Mounting type						
	B	Eye bolt						
		Code	Power consumption					
		7	70W					
		9	90W					
		C	120W					
		F	150W					
		M	180W					
		N	210W					
		Code	CCT					
		4	4000K					
		5	5000K					
		Code	Optics					
		60	Symmetric 60°					
		H0	Symmetric 100°					
		A4	Asymmetric 40° x 90° for Aisle					
		Code	Dimming option					
		0	0-10V dimming					
		M	with Motion sensor					
		D	DALI					
		Code	Region					
		E	EMEA					
			Code	Prefix				
			-2	Radiant				
Example	SBD	B	M	4	60	D	E	-2