

# RESISTO 1500 HE IP65 8300LM 840 SSA03H

Item No: 0010437

**SYLVANIA**

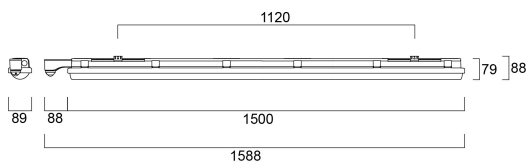
**PRO**<sup>TM</sup>



Resisto, integrated LED weatherproof luminaire, with UV stabilized flat diffuser designed to achieve uniform lit appearance, optimise light output and to reduce glare. 301 stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing and diffuser - no yellow discolouration over time. 8300lm; 56W; 148lm/W; 4000K; SDCM<3; CRI80; IP65; IK08 (sensor IK03); Class I; 69,000hrs (L80B20) lifespan; 1588mm x 89mm x 88mm; D-mark. SylSmart® Connected integration delivers enhanced functionality, enabling comprehensive lighting control and monitoring via an integrated High Bay Sensor and Bluetooth® NLC

## Technical Assets

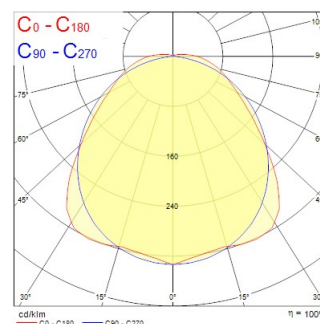
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E171	E180	E162	E144	E126	E108	E90	E72	E54	E36	E18	E9	Elluminance [lx]
0.5	1.38 1.25	1170	1109	1048	987	926	865	804	743	682	621	560	500	1544
1.0	2.77 2.51	2788	2317	2117	1917	1717	1517	1317	1117	917	717	517	317	386
1.5	4.16 3.76	1230	1030	930	830	730	630	530	430	330	230	130	70	166
2.0	5.55 5.01	692	592	492	392	292	192	92	42	22	12	6	34	90
2.5	6.93 6.26	443	343	243	143	43	23	13	6	3	1	0.5	21	56
3.0	8.32 7.52	308	208	108	88	68	48	28	18	8	4	2	11	39

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 102.8°)  
 — C90 - C270 (Half beam angle: 108.4°)



# RESISTO 1500 HE IP65 8300LM 840 SSA03H

Item No: 0010437

**SYLVANIA**

## General data

Product name	RESISTO 1500 HE IP65 8300LM 840 SSA03H
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Built in presence detector	PIR
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	8300
Luminaire efficacy (lm/W)	154
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 25
Photobiological Risk Group	RG1

## Electrical data

Emergency type	
Total power consumption (W)	56
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	16
Inrush Duration (µs)	40
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	24
Max. products per 16A C Breaker	39
Max. products per 16A B Breaker	39
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	69000
Lifespan L90 B10	31000

# RESISTO 1500 HE IP65 8300LM 840 SSA03H

Item No: 0010437



## Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1588
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	2.29

## Packaging

Product EAN number	5410288104379
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288104379
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40