

# RESISTO 1200 IP65 2800LM 840 SSA03H

Item No: 0010429

**SYLVANIA**

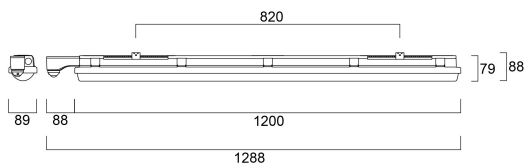
**PRO**<sup>TM</sup>



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. 2800lm; 20W; 140lm/W; 4000K; SDCM<5; CRI80; IP65; IK08 (sensor IK03); Class I; 69,000hrs (L80B20) lifespan; 1288mm 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)

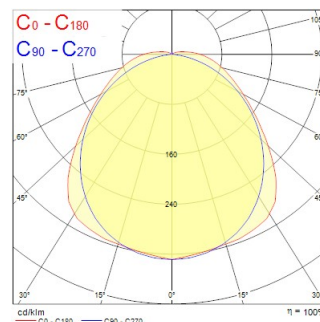


### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.30 1.36	0.71 0.74	0.71 0.74	3681 416
1.0	2.61 2.75	1.42 1.48	1.42 1.48	920 84
1.5	3.91 4.13	2.13 2.22	2.13 2.22	409 42
2.0	5.21 5.51	2.84 3.00	2.84 3.00	230 23
2.5	6.52 6.88	3.55 3.75	3.55 3.75	147 17
3.0	7.82 8.26	4.26 4.50	4.26 4.50	102 10

Distance [m]      Cone diameter [m]      Beam diameter [m]      Beam diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 108.0°)      — C90 - C270 (Half beam angle: 108.0°)



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## General data

Product name	RESISTO 1200 IP65 2800LM 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)	2800
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 22
Photobiological Risk Group	RG1

## Electrical data

Emergency type	
Total power consumption (W)	20
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 %	9
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)
Drive current (mA)	350
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 16A C Breaker	36
Max. products per 16A B Breaker	22
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

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## Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1288
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.75

## Packaging

Product EAN number	5410288104294
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288104294
Units per outer package	1
Packaging outer length / height (cm)	120.5
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