

# Sylvania Granit IP65 0-10V 20000-33000lm 865 WB Z18

Item No: 0039125

**SYLVANIA**

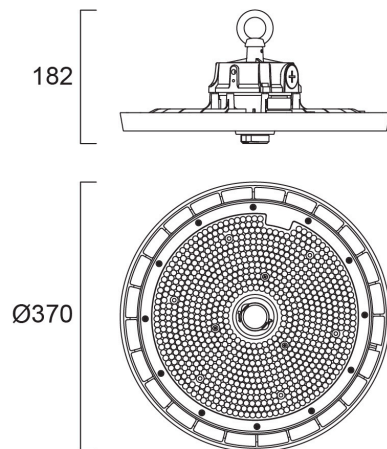
**PRO**<sup>TM</sup>



Interior LED Highbay, comes complete with 1500mm flying lead, hook for hanging and 1200mm chain with carabiners, Traffic black (RAL9017) aluminium housing with PC lens, IP65, IK08, Class I, 6500K, CRI80, 0-10V dimmable, 20,000 / 25,000 / 33,000lm (3 different steps selectable with DIP switches), 99 / 124 / 165W, 202 / 202 / 200lm/W depends on setting, Symmetrical Wide beam (85°), 105.000hrs L80B50 lifespan, 370 x 182mm (D x H) dimensions, 2.72kg weight, operating temperature range from -30 to +50°C, Zhagabook 18 socket in the center.

## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E107	E108	E109	E110	E111	E112	E113	E114	E115	E116	E117	E118	E119	E120	E121	E122	E123	E124	E125	E126	E127	E128	E129	E130	E131	E132	E133	E134	E135	E136	E137	E138	E139	E140	E141	E142	E143	E144	E145	E146	E147	E148	E149	E150	E151	E152	E153	E154	E155	E156	E157	E158	E159	E160	E161	E162	E163	E164	E165	E166	E167	E168	E169	E170	E171	E172	E173	E174	E175	E176	E177	E178	E179	E180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0.5	0.85 0.81	10133	12088	13791	15512	17359	19333	21436	23670	26036	28536	31171	33937	36836	39870	43041	46350	49800	53393	57131	61016	65050	69235	73573	78066	82716	87526	92499	97638	102946	108426	114080	119911	125921	132113	138489	145052	151805	158751	165893	173234	180777	188525	196480	204645	212923	221417	230130	239065	248225	257613	267232	277085	287175	297505	308078	318897	329965	341285	352860	364693	376788	389148	401776	414675	427848	441288	455000	468986	483250	497794	512621	527734	543136	558830	574819	591107	607707	624622	641856	659413	677297	695512	714061	732948	752176	771748	791668	811939	832564	853546	874888	896593	918664	941104	963916	987103	1010678	1034575	1058818	1083420	1108385	1133717	1159429	1185525	1212010	1238898	1266194	1293902	1322026	1350570	1379538	1408935	1438765	1469032	1499740	1530893	1562505	1594580	1627122	1660136	1693627	1727600	1762069	1797038	1832511	1868492	1904885	1941694	1978922	2016573	2054650	2093157	2132098	2171477	2211298	2251565	2292282	2333453	2375082	2417174	2459733	2502764	2546271	2590258	2634729	2679688	2725139	2771086	2817533	2864484	2911944	2959916	3008404	3057412	3106944	3157004	3207606	3258754	3310452	3362704	3415514	3468886	3522824	3577332	3632414	3688074	3744316	3801144	3858562	3916574	3975184	4034396	4094214	4154642	4215684	4277344	4339626	4402534	4466072	4530244	4595054	4660506	4726604	4793352	4860754	4928814	4997536	5066924	5136982	5207714	5279124	5351216	5423994	5497462	5571624	5646484	5722046	5798314	5875292	5952984	6031394	6110526	6190384	6270962	6352264	6434294	6517046	6600524	6684732	6769674	6855354	6941776	7028944	7116862	7205534	7294964	7385156	7476114	7567842	7660354	7753654	7847746	7942634	8038322	8134814	8232114	8330226	8429154	8528902	8629474	8730874	8833106	8936174	9040082	9144834	9250434	9356886	9464194	9572362	9681394	9791294	9902066	10013714	10126142	10239954	10355156	10471754	10589752	10709154	10829966	10952194	11075842	11200914	11327416	11455354	11584742	11715584	11847886	11981654	12116892	12253614	12391834	12531556	12672784	12815522	12959774	13105546	13252842	13401666	13552022	13703924	13857376	14012382	14168946	14327074	14486772	14648046	14810892	14975314	15141316	15308902	15478076	15648842	15821204	15995166	16170734	16347912	16526706	16707122	16889164	17072836	17258142	17445086	17633672	17823904	18015786	18209322	18404516	18601372	18799894	18999986	19201654	19404902	19609734	19816156	20024176	20233802	20445036	20657882	20872346	21088432	21306146	21525486	21746456	21969062	22193306	22419194	22646732	22875926	23106782	23339306	23573506	23809396	24046882	24286072	24526972	24769586	25013922	25259986	25507782	25757316	26008596	26261632	26516432	26773002	27031352	27291486	27553412	27817136	28082662	28350002	28619156	28890132	29162942	29437586	29714072	29992406	30272596	30554546	30838266	31123756	31411022	31700072	31990916	32283556	32577996	32874242	33172302	33472176	33773872	34077396	34382752	34689946	34998982	35309866	35622602	35937196	36253652	36571976	36892176	37214256	37538222	37864076	38191816	38521446	38852972	39186402	39521736	39858976	40198126	40539196	40882196	41227136	41574026	41922872	42273676	42626446	42981186	43337906	43696612	44057316	44420026	44784746	45151476	45520226	45891006	46263826	46638696	47015626	47394626	47775706	48158876	48544146	48931526	49321026	49712646	50106396	50502286	50900326	51300526	51702886	52107416	52514126	52923026	53334116	53747406	54162906	54580626	54999566	55420736	55844146	56269806	56697726	57127916	57560386	57995146	58432196	58871546	59313196	59757146	60203396	60651946	61102796	61555946	62011396	62469146	62929196	63391546	63856296	64323446	64792996	65264946	65739296	66216046	66695196	67176746	67660696	68147046	68635796	69126946	69620496	70116446	70614796	71115546	71618696	72124246	72632196	73142546	73655296	74170446	74687996	75207946	75730296	76255046	76782196	77311746	77843696	78378046	78914796	79453946	79995496	80539446	81085796	81634546	82185696	82739246	83295196	83853546	84414296	84977446	85542996	86110946	86681296	87254046	87829196	88406746	88986696	89569046	90153796	90740946	91330496	91922446	92516796	93113546	93712696	94314246	94918196	95524446	96132996	96743846	97356996	97972446	98589296	99208546	99830196	100454146	101080496	101709246	102340396	102973946	103610096	104248846	104890296	105534446	106181296	106830846	107483096	108138046	108795796	109456346	110119696	110785846	111454796	112126546	112801196	113478746	114159196	114842546	115528796	116217946	116910096	117605246	118303396	119004546	119708696	120415846	121126096	121839446	122555896	123275446	123998096	124723846	125452696	126184646	126919696	127657846	128399096	129143446	129890896	130641446	131395096	132151846	132911696	133674646	134440696	135209846	135982096	136757446	137535896	138317446	139102096	139889846	140680696	141474646	142271696	143071846	143875096	144681446	145490896	146303446	147119096	147937846	148759696	149584646	150412696	151243846	152078096	152915446	153755896	154599446	155446096	156295846	157148696	158004646	158863696	159725846	160591096	161459446	162330896	163205446	164083096	164963846	165847696	166734646	167624696	168517846	169414096	170313446	171215896	172121446	173030096	173941846	174855696	175772646	176692696	177615846	178542096	179471446	180403896	181339446	182278096	183219846	184163696	185109646	186057696	187007846	187960096	188914446	189870896	190829446	191790096	192752846	193717696	194684646	195653696	196624846	197598096	198573446	199550896	200530446	201512096	202495846	203481696	204469646	205459696	206451846	207446096	208442446	209440896	210441446	211444096	212448846	213455696	214464646	215475696	216488846	217504096	218521446	219540896	220562446	221586096	222611846	223649696	224689646	225731696	226775846	227822096	228870446	229920896	230973446	232028096	233084846	234143696	235204646	236267696	237332846	238400096	239469446	240540896	241614446	242690096	243767846	244847846	245929996	247014246	248100646	249189196	250279846	251372646	252467646	253564846	254664246	255765846	256869646	257975646	259083846	260194246	261306846	262421646	263538646	264657846	265779246	266902846	268028646	269156646	270286846	271419246	272553846	273690646	274829646	275970846	277114246	278259846	279407646	280557646	281709846	282864246	284020846	285179646	286340646	287503846	288669246	289836846	291006646	292178646	293352846	294529246	295707846	296888646	298071646	299256846	300444246	301633846	302825646	304019646	305215846	306414246	307614846	308817646	310022646	311229846	312439246	313650846	314864646	316080646	317298846	318519246	319741846	320966646	322193646	323422846	324654246	325887846	327123646	328361646	329601846	330844246	332088846	333335646	334584646	335835646	337088846	338344246	339601846	340861646	342123646	343387846	344654246	345922846	347193646	348466646	349741846	351019246	352298846	353580646	354864646	356150846	357439246	358729846	360022646	361317646	362614846	363914246	365215846	366519646	367825646	369133846	370444

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## General data

Product name	Sylvania Granit IP65 0-10V 20000-33000lm 865 WB Z18
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716
E-number FI	4357198
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	33000
Luminaire efficacy (lm/W)	200
Correlated colour temperature (k)	6500
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	1200

## Electrical data

Emergency type	
Total power consumption (W)	165
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	0-10V
Inrush Current (A)	100
Inrush Duration (µs)	300
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	8
Max. products per 13A C Breaker	11
Max. products per 16A C Breaker	13
Max. products per 20A C Breaker	17
Max. products per 10A B Breaker	6
Max. products per 13A B Breaker	8
Max. products per 16A B Breaker	10
Max. products per 20A B Breaker	12
Connectable conductor cross section - Min (mm <sup>2</sup> )	1
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B50	105000
Lifespan L80 B20	91000

# Sylvania Granit IP65 0-10V 20000-33000lm 865 WB Z18

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## Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
Diffuser material	PC Polycarbonate
Reflector finish	Matt
Nominal Product Height (mm)	182
Nominal Product Diameter (mm)	370
Weight (kg)	2.72

## Packaging

Product EAN number	5410288391250
Packaging single length / height (cm)	42.0
Packaging single width (cm)	40.1
Packaging single depth (cm)	16.0
DUN14 (inner)	05410288391250
Units per outer package	1
Packaging outer length / height (cm)	42.0
Packaging outer width (cm)	40.1
Packaging outer depth (cm)	16.0

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-30-50