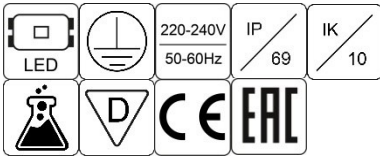


Cyclone A LED

Waterproof and Cleanroom Luminaires



Images for the product family and options:



Description: Surface mounted or suspended waterproof LED luminaire for use in chemically aggressive atmospheres
 Light distribution type: direct
 Optical system: opal thermoplastic diffuser, good chemical resistance
 Housing: thermoplastic, good chemical resistance
 Colour: light grey

General data: Mains voltage: 220-240V, 0/50/60Hz
 LED lifetime, h: 50000/L90B10
 SDCM: 3
 Protection class IEC: I
 Ingress protection code: IP69
 Mechanical impact resistance: IK06
 Protection symbol: D
 Glow wire test, °C: 650
 Operating temperature range, °C: ta -25...+40

Installation: On the ceiling or wall (mounting brackets included), or suspended (hooks included), quick and tool-free mounting. 3/5 pole waterproof connector

Environment: Indoor/outdoor with roof

Application: Agriculture, farms, industry, warehouse, car wash units, laboratories. Suits well in aggressive environments with cleaning agents, ammonia vapours, alkaline compounds and washing with hot water (≤80 °C)



Simple and fast mounting thanks to original cables and flexible mounting brackets at the lighting fitting. Supplied with two fixing brackets and accessories for chain or wire suspension



Suspension mounting kit for Cyclone LED luminaires with two 1.5 or 3.0 meter ropes is available on request. For more information see the accessories list

TECHNICAL DATA SHEET

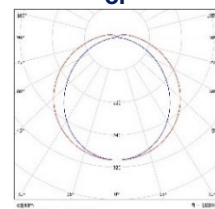
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Cyclone A LED1x2900 G353 T840 OP 1LINS 2xC3	1175	90	99	2890	22,0	131	80+	4000	1,5
Cyclone A LED1x4000 G354 T840 OP 1LINS 2xC3	1175	90	99	3960	30,0	132	80+	4000	1,5
Cyclone A LED1x5750 G355 T840 OP 1LINS 2xC3	1175	90	99	5710	43,0	133	80+	4000	1,5
Cyclone A LED1x3600 G356 T840 OP 1LINS 2xC3	1455	90	99	3570	27,0	132	80+	4000	1,8
Cyclone A LED1x5000 G357 T840 OP 1LINS 2xC3	1455	90	99	4990	37,0	135	80+	4000	1,8
Cyclone A LED1x7150 G358 T840 OP 1LINS 2xC3	1455	90	99	7110	54,0	132	80+	4000	1,8
Cyclone A LED1x9650 G611 T840 OP 1LINS 2xC3	1455	90	99	9620	71,0	135	80+	4000	1,8
Cyclone A LED1x2900 G353 T840 OP 1ENDS C3	1175	90	99	2890	22,0	131	80+	4000	1,5
Cyclone A LED1x4000 G354 T840 OP 1ENDS C3	1175	90	99	3960	30,0	132	80+	4000	1,5
Cyclone A LED1x5750 G355 T840 OP 1ENDS C3	1175	90	99	5710	43,0	133	80+	4000	1,5
Cyclone A LED1x3600 G356 T840 OP 1ENDS C3	1455	90	99	3570	27,0	132	80+	4000	1,8
Cyclone A LED1x5000 G357 T840 OP 1ENDS C3	1455	90	99	4990	37,0	135	80+	4000	1,8
Cyclone A LED1x7150 G358 T840 OP 1ENDS C3	1455	90	99	7110	54,0	132	80+	4000	1,8
Cyclone A LED1x9650 G611 T840 OP 1ENDS C3	1455	90	99	9620	71,0	135	80+	4000	1,8
Cyclone A LED1x2900 G353 T840 OP 3LINS 2xC5	1175	90	99	2890	22,0	131	80+	4000	1,5
Cyclone A LED1x4000 G354 T840 OP 3LINS 2xC5	1175	90	99	3960	30,0	132	80+	4000	1,5
Cyclone A LED1x5750 G355 T840 OP 3LINS 2xC5	1175	90	99	5710	43,0	133	80+	4000	1,5
Cyclone A LED1x3600 G356 T840 OP 3LINS 2xC5	1455	90	99	3570	27,0	132	80+	4000	1,8
Cyclone A LED1x5000 G357 T840 OP 3LINS 2xC5	1455	90	99	4990	37,0	135	80+	4000	1,8
Cyclone A LED1x7150 G358 T840 OP 3LINS 2xC5	1455	90	99	7110	54,0	132	80+	4000	1,8
Cyclone A LED1x9650 G611 T840 OP 3LINS 2xC5	1455	90	99	9620	71,0	135	80+	4000	1,8
Cyclone A LED1x2900 G353 T840 OP 3ENDS C5	1175	90	99	2890	22,0	131	80+	4000	1,5
Cyclone A LED1x4000 G354 T840 OP 3ENDS C5	1175	90	99	3960	30,0	132	80+	4000	1,5
Cyclone A LED1x5750 G355 T840 OP 3ENDS C5	1175	90	99	5710	43,0	133	80+	4000	1,5
Cyclone A LED1x3600 G356 T840 OP 3ENDS C5	1455	90	99	3570	27,0	132	80+	4000	1,8
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Cyclone A LED1x7150 G358 T840 OP 3ENDS C5	1455	90	99	7110	54,0	132	80+	4000	1,8
Cyclone A LED1x9650 G611 T840 OP 3ENDS C5	1455	90	99	9620	71,0	135	80+	4000	1,8
Cyclone A LED1x2900 G353 T840 OP 1LINS DALI 2xC5	1175	90	99	2890	22,0	131	80+	4000	1,5
Cyclone A LED1x4000 G354 T840 OP 1LINS DALI 2xC5	1175	90	99	3960	30,0	132	80+	4000	1,5
Cyclone A LED1x5750 G355 T840 OP 1LINS DALI 2xC5	1175	90	99	5710	43,0	133	80+	4000	1,5
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Cyclone A LED1x9650 G611 T840 OP 1ENDS DALI C5	1455	90	99	9620	71,0	135	80+	4000	1,8

Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Available options:

- DALI Driver with DALI interface and switch-control dimming
- *note - for DALI LIN option wires are 2x0.5mm²
- OP Opal diffuser
- 1LINS Through wired 3x1.5 mm² with female and male sockets (5x1,5 mm² for DALI option)
- 3LINS Through wired 5x1.5 mm² with female and male sockets
- 1ENDS Individually installed/last luminaire in line 3x1,5 mm² with socket (5x1,5 mm² for DALI option)
- 3ENDS Individually installed/last luminaire in line 5x1,5 mm² with socket
- C3 Additional 3 poles connector
- C5 Additional 5 poles connector
- T830 Colour temperature 3000K, CRI 80+
- T840 Colour temperature 4000K, CRI 80+

OP



Available accessories :



Product: Suspension MTG KIT - Barat/Proof/Nord LED 1.5m
Description: Suspension kit for Barat/Proof/Nord LED luminaires, 1.5 meter, 2pcs
Product: Suspension MTG KIT - Barat/Proof/Nord LED 3.0m
Description: Suspension kit for Barat/Proof/Nord LED luminaires, 3.0 meters, 2pcs



Product: End plug
Description: End plug for Cyclone A/P LED luminaires, 1pcs

TECHNICAL DATA SHEET

Chemical resistance table of Cyclone A LED series:

Environment	Max. concentration	Cyclone A LED resistance		
		yes	partially	no
Aceton (ketones)				
Aniline				
Ammonia	5%			
Benzene and Benzaldehyde				
Diethylether (ethers)				
Potassium nitrate				
Ethanol(alcohols)	50%			
Ethylacetate (esters)				
Ethyl alcohol				
Phenol				
Glycerine				
Heptane				
Ammonium hydroxide	25%			
Sodium hydroxide-base	60%			
Sodium chloride-salt solution	15%			
Sulphur chloride and calcium chloride				
Carbon tetrachloride and Chloric ether				
Iron dichloride				
Arsenic acid and Oleic acid				
Citric acid	20%			
Nitric acid	20%			
Nitric acid	50%			
Hydrochloride acid	5%			
Hydrochloride acid	35%			
Chromic acid	40%			
Formic acid	30%			
Acetic acid	10%			
Sulphuric acid	30%			
Methanol				
Fuel oil				
Mineral oil				
Vegetable oil				
Rape oil				
Lamp oil				
Hydrogen peroxide	30%			
Ammonium sulphate	15%			
Toluene				
Turpentine oil				
Trichlorethylene				
Sodium carbonate	20%			
Aliphatic hydrocarbons				
Aromatic hydrocarbons				
Alkali				