

Lighting
the 21st Century

ABSA Auckland Park Call Centre renovation

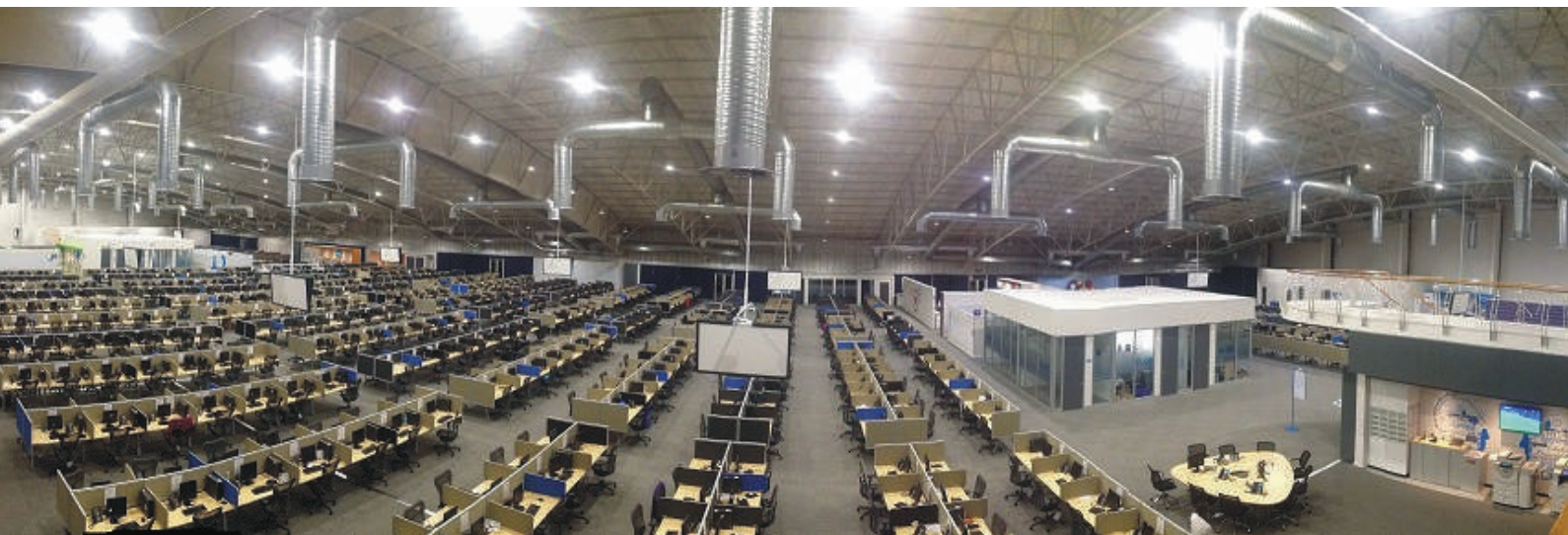


Year: 2014, September - November

Place: ABSA Auckland Park Call Centre

Participants: OneZero Consulting (design), A to Z Electrical (installation); Quanticost (quantity surveyor)

Description: Complete replacement of currently installed 250W/400W HIPE high bays with Optogan LED 93W and 193W Sky high bays. New lights have day light 4000K colour temperature.



FITTINGS

Description	Before	After	Comment
Total number of 250/400W high bays	240	243 x 93W & 193W LED	Improvement in brightness and visibility
Installation grid 4.5m x 7.5m, 11 m height			

ENERGY SAVINGS

Description	Before	After	Comment
Demand - kW	96.65	42.33	Savings - 54.32kW / 56%
Energy Consumption - kWh	846 610	378 590	Savings - 468 020kWh / 56%

ABSA Auckland Park Call Centre Project Update

BRIGHTNESS

Description	Before	After	Comment
Average brightness at 0.8m off the floor	170 - 250Lux	380 - 550Lux	> 100% improvement

LED HIGH BAY

Sky 100M/200M



Sky family low/high bay lights designed for illumination of hangars, warehouses, cold storage facilities, production premises and outdoor lighting



LED type	Sky 100M	Sky 200M
Power Consumption	93W	193W
Operating Voltage	100 ~ 240V	
Typical Luminous Flux (lm)	11 000lm	22 200lm
Colour Temperature	3000K, 4000K, 5000K, 6500K	
Power Factor	>0.9	
Beam Angle	45° / 75° / 110°	
CRI	+70	
IP Protection	Ip67	
Warranty	5 years	